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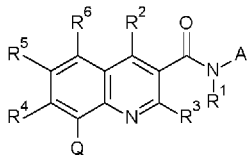


(I)

(57) Abstract: The present invention covers new quinoline compounds of general formula (I) in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined herein, methods of preparing said compounds, intermediate compounds useful for preparing said compounds, pharmaceutical compositions and combinations comprising said compounds and the use of said compounds for manufacturing pharmaceutical compositions for the treatment, control and/or prevention of diseases, in particular of helminth infections, as a sole agent or in combination with other active ingredients.

NEW ANTHELMINTIC QUINOLINE-3-CARBOXAMIDE DERIVATIVES

The present invention covers new quinoline derivatives of general formula (I) as described and defined herein, methods of preparing said compounds, intermediate compounds useful for preparing said compounds, pharmaceutical compositions and combinations comprising said compounds, and the use of said compounds for manufacturing pharmaceutical compositions for the control, treatment and/or prevention of diseases, in particular for the control, treatment and/or prevention of infections with helminths, more particularly of infections with gastro-intestinal and extra-intestinal nematodes, in animals and humans, formulations containing such compounds and methods for the control, treatment and/or prevention of infections with helminths, more particularly of infections with gastro-intestinal and extra-intestinal nematodes, in animals and humans as a sole agent or in combination with other active ingredients.

BACKGROUND

The occurrence of resistances against all commercial anthelmintics seems to be a growing problem in the area of veterinary medicine. The extensive utilisation of anthelmintics to manage the control of nematodes resulted in significant selection of highly resistant worm populations. Therefore, the spread of resistance against all anthelmintic drug classes threatens effective worm control in cattle, goats, sheep and horses. Furthermore, successful prevention of heartworm disease in dogs, which currently solely relies on the utilisation of macrocyclic lactones, is in danger as loss of efficacy for multiple macrocyclic lactones has been described for some regions of the United States of America - especially in those areas where the heartworm challenge for infection is high. Finally, experimental infection studies with *Dirofilaria immitis* larvae from suspected field loss of efficacy cases in the Lower Mississippi Delta provided *in vivo* confirmation of the existence of macrocyclic lactone resistance.

Although resistance of human helminths against anthelmintics seems currently to be rare, the spread of anthelmintic resistance in the veterinary field as mentioned before needs to be considered in the treatment of human helminthosis as well. Persistent underdosed treatments against filariosis may lead to highly resistant genotypes and resistances have already been described for certain anthelmintics (e.g. praziquantel, benzimidazole and niclosamide).

Therefore, resistance-breaking anthelmintics with new molecular modes of action are urgently required.

It is an object of the present invention to provide compounds which can be used as anthelmintics in the medical, especially veterinary, field with a satisfactory or improved anthelmintic activity against a broad spectrum of helminths, particularly at relatively low

dosages, for the control, treatment and/or prevention of infections with helminths in animals and humans, preferably without any adverse toxic effects to the treated organism.

Certain quinoline carboxamides are described in JP2008-214323A as agents suitable for treatment and/or prevention of skin diseases, like acne vulgaris, dermatitis or the like.

The WO2017103851 discloses quinoline-3-carboxamides as H-PGDS inhibitors, useful for treating atherosclerosis, psoriasis, sinusitis, and duchenne muscular dystrophy.

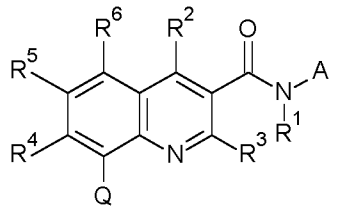
However, the state of the art does not describe the new quinoline derivatives of general formula (I) of the present invention as described and defined herein.

It has now been found, and this constitutes the basis of the present invention, that the compounds of the present invention have surprising and advantageous properties.

In particular, the compounds of the present invention have surprisingly been found to effectively interact with Slo-1 calcium-gated potassium channels of nematodes. This interaction is characterized by achieving paralysis/inhibition in particular of gastro-intestinal nematodes, of free-living nematodes, and of filariae, for which data are given in the biological experimental section. Therefore the compounds of the present invention may be used as anthelmintics for the control, treatment and/or prevention of gastro-intestinal and extra-intestinal helminth infections, in particular gastro-intestinal and extra-intestinal infections with nematodes, including filariae.

DESCRIPTION of the INVENTION

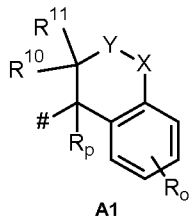
In accordance with a first aspect, the present invention covers compounds of general formula (I):



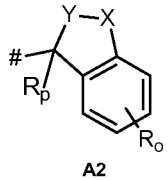
(I)

in which :

A is A1 or A2,



A1



A2

o is 0, 1, 2, 3 or 4,

R is selected from the group consisting of hydrogen, halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl, –S(O)-C_1-C_4-halogenoalkyl and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8, or

X, Y form together a ring member selected from the group consisting of -C(O)-O-, -C(O)-NR^9-, -S(O)-NR^9-, $-SO_2$-NR^9- and $-SO_2$-O-,

R^1 is selected from the group consisting of hydrogen, cyano, -CHO, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, C_3-C_6-halogenocycloalkyl having 1 to 5 halogen atoms, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl, -NH-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)$_2$, NH_2-C_1-C_4-alkyl-, C_1-C_4-alkyl-NH-C_1-C_4-alkyl-, (C_1-C_4-alkyl)$_2$N-C_1-C_4-alkyl-, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl-C(O)- having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C(O)-, benzyloxy-C(O)-, C_1-C_4-alkoxy-C_1-C_4-alkyl-C(O)-, $-SO_2$-C_1-C_4-alkyl, and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl-C_1-C_4-alkyl, optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, $-NO_2$, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, $-NO_2$, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen

atoms, -S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-alkyl-C(O)-, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-

membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)--, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,C_1-C_4-alkyl-C(O)-, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl,

R^7 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^8 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^7 and R^8 together form an oxo group (=O),

or R^7 and R^8 form, together with the carbon atom to which they are attached, a 3- to 6-membered ring selected from the group consisting of C_3-C_6-cycloalkyl and 3- to 6-membered heterocycloalkyl,

R^9 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is selected from the group consisting of hydrogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^{10} and R^{11} form, together with the carbon atom to which they are attached, a 3- to 6-membered ring selected from the group consisting of C_3-C_6-cycloalkyl and 3- to 6-membered heterocycloalkyl,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -OH, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(-C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-

halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

-NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having

1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

Q is selected from the group consisting of 6- or 10-membered aryl and 5- to 10-membered heteroaryl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents selected from the group consisting of halogen, SF_5, cyano, -CHO, nitro, oxo, C_1-C_4-alkyl, C_1-C_4-hydroxyalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocyclyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms,

wherein when Y is O, S or N-R^9, none of R^7, R^8, R^{10} and R^{11} is -OH, and wherein when X is O, S or N-R^9, none of R^7 and R^8 is -OH,

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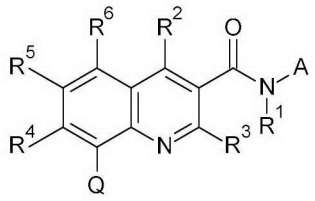
and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

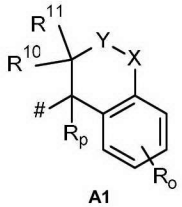
According to a first aspect, the present invention provides a compound of general formula (I):



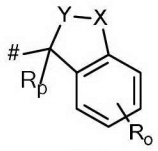
(I)

in which :

A is A1 or A2,



A1



A2

o is 0, 1, 2, 3 or 4,

R is selected from the group consisting of hydrogen, halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl, –S(O)-C_1-C_4-halogenoalkyl and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8, or

X, Y form together a ring member selected from the group consisting of -C(O)-O-, -C(O)-NR^9-, -S(O)-NR^9-, $-SO_2$-NR^9- and $-SO_2$-O-,

R^1 is selected from the group consisting of hydrogen, cyano, -CHO, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-

halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, C_3-C_6-halogenocycloalkyl having 1 to 5 halogen atoms, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl, -NH-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)$_2$, NH_2-C_1-C_4-alkyl-, C_1-C_4-alkyl-NH-C_1-C_4-alkyl-, (C_1-C_4-alkyl)$_2$N-C_1-C_4-alkyl-, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl-C(O)- having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C(O)-, benzyloxy-C(O)-, C_1-C_4-alkoxy-C_1-C_4-alkyl-C(O)-, -SO_2-C_1-C_4-alkyl, and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl-C_1-C_4-alkyl, optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, -S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -

NO_2, cyano, C_1-C_4-alkyl-C(O)-, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)--, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl,

R^7 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^8 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^7 and R^8 together form an oxo group (=O),

or R^7 and R^8 form, together with the carbon atom to which they are attached, a 3- to 6-membered ring selected from the group consisting of C_3-C_6-cycloalkyl and 3- to 6-membered heterocycloalkyl,

R^9 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is selected from the group consisting of hydrogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^{10} and R^{11} form, together with the carbon atom to which they are attached, a 3- to 6-membered ring selected from the group consisting of C_3-C_6-cycloalkyl and 3- to 6-membered heterocycloalkyl,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -OH, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(-C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of

which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

-NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy

having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-

alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

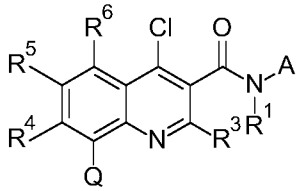
Q is selected from the group consisting of 6- or 10-membered aryl and 5- to 10-membered heteroaryl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents selected from the group consisting of halogen, SF_5, cyano, -CHO, nitro, oxo, C_1-C_4-alkyl, C_1-C_4-hydroxyalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocyclyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-

alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms,

wherein when Y is O, S or N-R^9, none of R^7, R^8, R^{10} and R^{11} is -OH, and wherein when X is O, S or N-R^9, none of R^7 and R^8 is -OH,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

According to a second aspect, the present invention provides a method of preparing a compound of general formula (I) according to the first aspect, said method comprising the step of allowing an intermediate compound of general formula **1N** :



1N,

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to the first aspect,

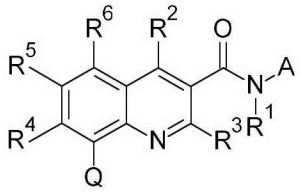
to react with a compound of general formula **1F** :

R^2H

1F,

in which R^2 is $NR^{12}R^{13}$, OR^{14}, or SR^{15}, each as defined for the compound of general formula (I) according to the first aspect,

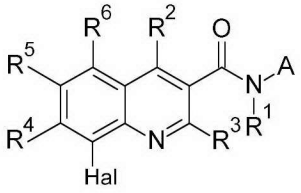
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to the first aspect,

or the step of allowing an intermediate compound of general formula **1T** :



1T,

in which A, R^1, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to the first aspect, and in which Hal is halogen,

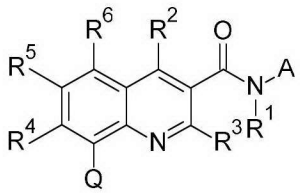
to react with a compound of general formula **1H** :

$$Q\text{-}B(OR)_2$$

1H,

in which Q is as defined for the compound of general formula (I) according to the first aspect, and each R may be individually H or Me or both R are pinacolate,

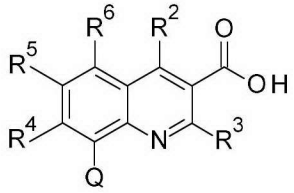
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to the first aspect,

or the step of allowing an intermediate compound of general formula **1W** :



1W,

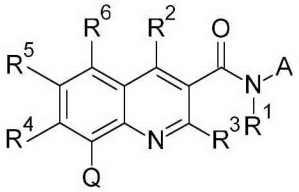
in which Q, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to the first aspect,

to react with a compound of general formula **1M** :

1M,

in which R^1 and A are as defined for the compound of general formula (I) according to the first aspect,

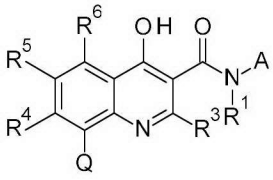
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to the first aspect,

or the step of allowing an intermediate compound of general formula **1X** :



1X,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to the first aspect,

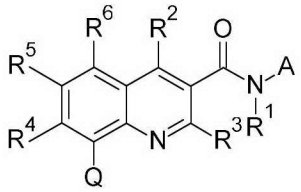
to react with a compound of general formula **1Y** :

R^2H

1Y,

in which R^2 is OR^{14} as defined for the compound of general formula (I) according to the first aspect,

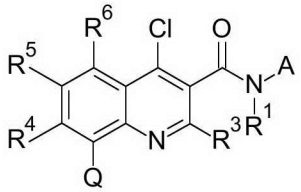
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6 and R^2 is C^1-C^4-alkoxy which is optionally substituted as defined for the compound of general formula (I) according to the first aspect,

or the step of allowing an intermediate compound of general formula **1N** :



1N,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to the first aspect,

to react with a compound of general formula **2A** :

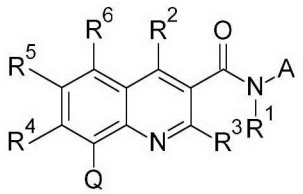
$R^2Met\text{-}X$

2A,

in which R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound

of general formula (I) according to the first aspect, Met is magnesium or zinc, and X is chlorine, bromine or iodine,

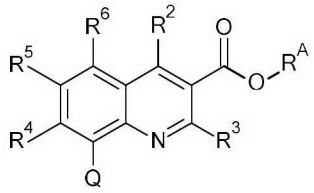
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6 and R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) according to the first aspect.

According to a third aspect, the present invention provides a compound of general formula (II):



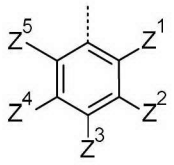
(II),

in which :

R^2 is -OH or as defined for the compound of general formula (I) according to the first aspect,

R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to the first aspect,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

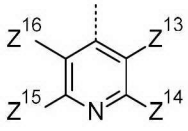
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl and trifluoromethyl,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)

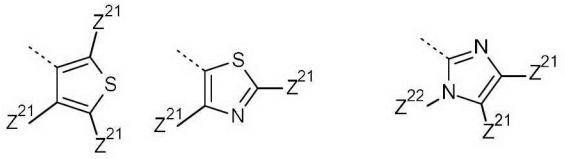


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe $-NMe_2$, -NH-C(O)-Me and morpholinyl, or

Q is selected from the group consisting of



(Q6-2) (Q6-13) and (Q6-39)

in which:

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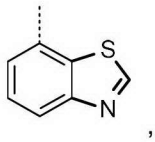
each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl and methoxy and

Z^{22} is hydrogen, methyl, or

Q is



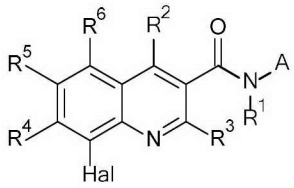
,

and

R^A is H or C_1-C_4-alkyl,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

According to a fourth aspect, the present invention provides a compound of general formula (III):



(III),

in which :

R^2 is -OH or as defined for the compound of general formula (I) according to the first aspect,

A, R^1, R^3, R^4, R^5, and R^6 are as defined for the compound of general formula (I) according to the first aspect, and

Hal is halogen,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

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According to a fifth aspect, the present invention provides a compound of general formula (I) according to the first aspect for use in the control, treatment and/or prevention of a disease.

According to a sixth aspect, the present invention provides pharmaceutical composition comprising a compound of general formula (I) according to the first aspect and one or more pharmaceutically acceptable excipients.

According to a seventh aspect, the present invention provides use of a compound of general formula (I) according to the first aspect for the control, treatment and/or prevention of a helminthic infection.

According to an eighth aspect, the present invention provides use of a compound of general formula (I) according to the first aspect for the preparation of a medicament for the control, treatment and/or prevention of a disease, wherein the disease is a helminthic infection.

According to an eighth aspect, the present invention provides a method for controlling helminth infections in humans and/or animals, the method comprising administering an anthelminthically effective amount of at least one compound of general formula (I) according to the first aspect to a human or an animal in need thereof.

DEFINITIONS

The term “substituted” means that one or more hydrogen atoms on the designated atom or group are replaced with a selection from the indicated group, provided that the designated atom's normal valency under the existing circumstances is not exceeded. Combinations of substituents and/or variables are permissible.

The term “optionally substituted” means that the number of substituents can be equal to or different from zero. Unless otherwise indicated, it is possible that optionally substituted groups are substituted with as many optional substituents as can be accommodated by replacing a hydrogen atom with a non-hydrogen substituent on any available carbon or nitrogen atom. Commonly, it is possible for the number of optional substituents, when present, to be 1, 2, 3, 4 or 5, in particular 1, 2 or 3.

As used herein, the term “one or more”, *e.g.* in the definition of the substituents of the compounds of general formula (I) of the present invention, means “1, 2, 3, 4 or 5, particularly 1, 2, 3 or 4, more particularly 1, 2 or 3, even more particularly 1 or 2”.

As used herein, an oxo substituent represents an oxygen atom, which is bound to a carbon atom or to a sulfur atom via a double bond.

The term “ring substituent” means a substituent attached to an aromatic or nonaromatic ring which replaces an available hydrogen atom on the ring.

Should a composite substituent be composed of more than one parts, *e.g.* (C_1-C_4-alkoxy)-(C_1-C_4-alkyl)-, it is possible for the position of a given part to be at any suitable position of said composite substituent, *i.e.* the C_1-C_4-alkoxy part can be attached to any carbon atom of the C_1-C_4-alkyl part of said (C_1-C_4-alkoxy)-(C_1-C_4-alkyl)- group. A hyphen at the beginning or at the end of such a composite substituent indicates the point of attachment of said composite substituent to the rest of the molecule. Should a ring, comprising carbon atoms and optionally one or more heteroatoms, such as nitrogen, oxygen or sulfur atoms for example, be substituted with a substituent, it is possible for said substituent to be bound at any suitable position of said ring, be it bound to a suitable carbon atom and/or to a suitable heteroatom.

As used herein, the position via which a respective substituent is connected to the rest of the molecule may in a drawn structure be depicted by a hash sign (#) or a dashed line in said substituent.

The term “comprising” when used in the specification includes “consisting of”.

If within the present text any item is referred to as "as mentioned herein", it means that it may be mentioned anywhere in the present text.

The terms as mentioned in the present text have the following meanings:

The term "halogen atom" means a fluorine, chlorine, bromine or iodine atom, particularly a fluorine, chlorine or bromine atom.

The term "C_1-C_6-alkyl" means a linear or branched, saturated, monovalent hydrocarbon group having 1, 2, 3, 4, 5 or 6 carbon atoms. The term "C_1-C_4-alkyl" means a linear or branched, saturated, monovalent hydrocarbon group having 1, 2, 3, or 4 carbon atoms, *e.g.* a methyl, ethyl, *n*-propyl, isopropyl, *n*-butyl, *sec*-butyl, isobutyl or a *tert*-butyl group, or an isomer thereof. Particularly, said group has 1, 2 or 3 carbon atoms ("C_1-C_3-alkyl"), *e.g.* a methyl, ethyl, *n*-propyl or isopropyl group.

The term "C_1-C_4-hydroxyalkyl" means a linear or branched, saturated, monovalent hydrocarbon group in which the term "C_1-C_4-alkyl" is defined *supra*, and in which 1 or 2 hydrogen atoms are replaced with a hydroxy group, *e.g.* a hydroxymethyl, 1-hydroxyethyl, 2-hydroxyethyl, 1,2-dihydroxyethyl, 3-hydroxypropyl, 2-hydroxypropyl, 1-hydroxypropyl, 1-hydroxypropan-2-yl, 2-hydroxypropan-2-yl, 2,3-dihydroxypropyl, 1,3-dihydroxypropan-2-yl, 3-hydroxy-2-methyl-propyl, 2-hydroxy-2-methyl-propyl, 1-hydroxy-2-methyl-propyl group.

The term "-NH(C_1-C_4-alkyl)" or "-N(C_1-C_4-alkyl)$_2$" means a linear or branched, saturated, monovalent group in which the term "C_1-C_4-alkyl" is as defined *supra*, *e.g.* a methylamino, ethylamino, *n*-propylamino, isopropylamino, *N,N*-dimethylamino, *N*-methyl-*N*-ethylamino or *N,N*-diethylamino group.

The term "-S-C_1-C_4-alkyl", "-S(O)-C_1-C_4-alkyl" or "-SO_2-C_1-C_4-alkyl" means a linear or branched, saturated group in which the term "C_1-C_4-alkyl" is as defined *supra*, *e.g.* a methylsulfanyl, ethylsulfanyl, *n*-propylsulfanyl, isopropylsulfanyl, *n*-butylsulfanyl, *sec*-butylsulfanyl, isobutylsulfanyl or *tert*-butylsulfanyl group, a methylsulfinyl, ethylsulfinyl, *n*-propylsulfinyl, isopropylsulfinyl, *n*-butylsulfinyl, *sec*-butylsulfinyl, isobutylsulfinyl or *tert*-butylsulfinyl group, or a methylsulfonyl, ethylsulfonyl, *n*-propylsulfonyl, isopropylsulfonyl, *n*-butylsulfonyl, *sec*-butylsulfonyl, isobutylsulfonyl or *tert*-butylsulfonyl group.

The term "C_1-C_4-halogenoalkyl" means a linear or branched, saturated, monovalent hydrocarbon group in which the term "C_1-C_4-alkyl" is as defined *supra*, and in which one or more of the hydrogen atoms are replaced, identically or differently, with a halogen atom. Particularly, said halogen atom is a fluorine atom. More particularly, all said halogen atoms are fluorine atoms ("C_1-C_4-fluoroalkyl"). Said C_1-C_4-halogenoalkyl group is, for example, fluoromethyl, difluoromethyl, trifluoromethyl, 2-fluoroethyl, 2,2-difluoroethyl, 2,2,2-trifluoroethyl, pentafluoroethyl, 3,3,3-trifluoropropyl or 1,3-difluoropropan-2-yl.

The term "C_1-C_4-alkoxy" means a linear or branched, saturated, monovalent group of formula (C_1-C_4-alkyl)-O-, in which the term "C_1-C_4-alkyl" is as defined *supra*, *e.g.* a methoxy, ethoxy, *n*-propoxy, isopropoxy, *n*-butoxy, *sec*-butoxy, isobutoxy or *tert*-butoxy group, or an isomer thereof.

The term "C_1-C_4-halogenoalkoxy" means a linear or branched, saturated, monovalent C_1-C_4-alkoxy group, as defined *supra*, in which one or more of the hydrogen atoms is replaced, identically or differently, with a halogen atom. Particularly, said halogen atom is a fluorine atom. Said C_1-C_4-halogenoalkoxy group is, for example, fluoromethoxy, difluoromethoxy, trifluoromethoxy, 2,2,2-trifluoroethoxy or pentafluoroethoxy.

The term "C_2-C_4-alkenyl" means a linear or branched, monovalent hydrocarbon group, which contains one double bond, and which has 2, 3 or 4 carbon atoms. Said C_2-C_4-alkenyl group is, for example, an ethenyl (or "vinyl"), a prop-2-en-1-yl (or "allyl"), prop-1-en-1-yl, but-3-enyl, but-2-enyl, but-1-enyl, prop-1-en-2-yl (or "isopropenyl"), 2-methylprop-2-enyl, 1-methylprop-2-enyl, 2-methylprop-1-enyl or a 1-methylprop-1-enyl, group. Particularly, said group is allyl.

The term "C_2-C_4-alkynyl" means a linear monovalent hydrocarbon group which contains one triple bond, and which contains 2, 3 or 4 carbon atoms. Said C_2-C_4-alkynyl group is, for example, an ethynyl, a prop-1-ynyl, prop-2-ynyl (or "propargyl"), but-1-ynyl, but-2-ynyl, but-3-ynyl or 1-methylprop-2-ynyl, group. Particularly, said alkynyl group is prop-1-ynyl or prop-2-ynyl.

The term "C_3-C_6-cycloalkyl" means a saturated, monovalent, monocyclic hydrocarbon ring which contains 3, 4, 5 or 6 carbon atoms ("C_3-C_6-cycloalkyl"). Said C_3-C_6-cycloalkyl group is for example, a monocyclic hydrocarbon ring, *e.g.* a cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl group.

The term "C_3-C_6-halogenocycloalkyl" means a saturated, monovalent, monocyclic hydrocarbon ring in which the term "C_3-C_6-cycloalkyl" is as defined *supra*, and in which one or more of the hydrogen atoms are replaced, identically or differently, with a halogen atom. Particularly, said halogen atom is a fluorine or chlorine atom. Said C_3-C_6-halogenocycloalkyl group is for example, a monocyclic hydrocarbon ring substituted with one or two fluorine or chlorine atoms, *e.g.* a 1-fluoro-cyclopropyl, 2-fluorocyclopropyl, 2,2-difluorocyclopropyl, 2,3-difluorocyclopropyl, 1-chlorocyclopropyl, 2-chlorocyclopropyl, 2,2-dichlorocyclopropyl, 2,3-dichlorocyclopropyl, 2-fluoro-2-chlorocyclopropyl and 2-fluoro-3-chlorocyclopropyl group.

The term "benzo-C_5-C_6-cycloalkyl" means a monovalent, bicyclic hydrocarbon ring wherein a saturated, monovalent, monocyclic hydrocarbon ring which contains 5 or 6 carbon atoms ("C_5-C_6-cycloalkyl") is annelated to a phenyl ring. Said benzo-C_5-C_6-cycloalkyl group is for

example, a bicyclic hydrocarbon ring, *e.g.* an indane (i.e. 2,3-dihydro-1*H*-indene) or tetraline (i.e. 1,2,3,4-tetrahydronaphthalene) group.

The term "spirocycloalkyl" means a saturated, monovalent bicyclic hydrocarbon group in which the two rings share one common ring carbon atom, and wherein said bicyclic hydrocarbon group contains 5, 6, 7, 8, 9, 10 or 11 carbon atoms, it being possible for said spirocycloalkyl group to be attached to the rest of the molecule via any one of the carbon atoms except the spiro carbon atom. Said spirocycloalkyl group is, for example, spiro[2.2]pentyl, spiro[2.3]hexyl, spiro[2.4]heptyl, spiro[2.5]octyl, spiro[2.6]nonyl, spiro[3.3]heptyl, spiro[3.4]octyl, spiro[3.5]nonyl, spiro[3.6]decyl, spiro[4.4]nonyl, spiro[4.5]decyl, spiro[4.6]undecyl or spiro[5.5]undecyl.

The term “heterocycloalkyl” means a monocyclic or bicyclic, saturated or partially saturated heterocycle with 4, 5, 6, 7, 8, 9 or 10 ring atoms in total (a “4- to 10-membered heterocycloalkyl” group), particularly 4, 5 or 6 ring atoms (a “4- to 6-membered heterocycloalkyl” group), which contains one or two identical or different ring heteroatoms from the series N, O and S, it being possible for said heterocycloalkyl group to be attached to the rest of the molecule via any one of the carbon atoms or, if present, a nitrogen atom.

Said heterocycloalkyl group, without being limited thereto, can be a 4-membered ring, such as azetidinyl, oxetanyl or thietanyl, for example; or a 5-membered ring, such as tetrahydrofuranyl, oxolanyl, 1,3-dioxolanyl, thiolanyl, pyrrolidinyl, imidazolidinyl, pyrazolidinyl, 1,1-dioxidothiolanyl, 1,2-oxazolidinyl, 1,3-oxazolidinyl, 1,3-thiazolidinyl or 1,2,4-triazolidinyl, for example; or a 6-membered ring, such as tetrahydropyranyl, tetrahydrothiopyranyl, piperidinyl, morpholinyl, dithianyl, thiomorpholinyl, piperazinyl, oxanyl, 1,3-dioxanyl, 1,4-dioxanyl or 1,2-oxazinanyl, for example; or a 7-membered ring, such as azepanyl, 1,4-diazepanyl or 1,4-oxazepanyl, for example; or a bicyclic 7-membered ring, such as 6-oxa-3-azabicyclo[3.1.1]heptan, for example; or a bicyclic 8-membered ring, such as 5,6-dihydro-4H-furo[2,3-c]pyrrole or 8-oxa-3-azabicyclo[3.2.1]octan, for example; or a bicyclic 9-membered ring, such as octahydro-1H-pyrrolo[3,4-b]pyridine, 1,3-dihydro-isoindol, 2,3-dihydro-indol or 3,9-dioxa-7-azabicyclo[3.3.1]nonan, for example; or a bicyclic 10-membered ring, such as decahydroquinoline or 3,4-dihydroisoquinolin, for example.

The term “heterospirocycloalkyl” means a bicyclic, saturated heterocycle with 6, 7, 8, 9, 10 or 11 ring atoms in total, in which the two rings share one common ring carbon atom, which “heterospirocycloalkyl” contains one or two identical or different ring heteroatoms from the series: N, O, S; it being possible for said heterospirocycloalkyl group to be attached to the rest of the molecule via any one of the carbon atoms, except the spiro carbon atom, or, if present, a nitrogen atom.

Said heterospirocycloalkyl group is, for example, azaspiro[2.3]hexyl, azaspiro[3.3]heptyl, oxaazaspiro[3.3]heptyl, thiaazaspiro[3.3]heptyl, oxaspiro[3.3]heptyl, oxazaspiro[5.3]nonyl, oxazaspiro[4.3]octyl, oxaazaspiro[2.5]octvl. azaspiro[4.5]decyl, oxazaspiro[5.5]undecyl,

diazaspiro[3.3]heptyl, thiazaspiro[3.3]heptyl, thiazaspiro[4.3]octyl, azaspiro[5.5]undecyl, or one of the further homologous scaffolds such as spiro[3.4]-, spiro[4.4]-, spiro[2.4]-, spiro[2.5]-, spiro[2.6]-, spiro[3.5]-, spiro[3.6]-, spiro[4.5]- and spiro[4.6]-.

The term "6- or 10-membered aryl" means a monovalent, monocyclic or bicyclic aromatic ring having 6 or 10 carbon ring atoms, e.g. a phenyl or naphthyl group.

The term "heteroaryl" means a monovalent, monocyclic, bicyclic or tricyclic aromatic ring having 5, 6, 9 or 10 ring atoms (a "5- to 10-membered heteroaryl" group), particularly 5 or 6 ring atoms (a "5- to 6-membered heteroaryl" group), which contains at least one ring heteroatom and optionally one, two or three further ring heteroatoms from the series: N, O and/or S, and which is bound via a ring carbon atom or optionally via a ring nitrogen atom (if allowed by valency).

Said heteroaryl group can be a 5-membered heteroaryl group, such as, for example, thienyl, furanyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, pyrazolyl, isoxazolyl, isothiazolyl, oxadiazolyl, triazolyl, thiadiazolyl or tetrazolyl; or a 6-membered heteroaryl group, such as, for example, pyridinyl, dihydropyridinyl, pyridazinyl, pyrimidinyl, tetrahydropyrimidinyl, pyrazinyl or triazinyl.

The term "heterocyclyl" means a heterocycle selected from the group consisting of heterocycloalkyl and heteroaryl. Particularly, the term "4- to 6-membered heterocyclyl" means a heterocycle selected from the group consisting of 4- to 6-membered heterocycloalkyl and 5- to 6-membered heteroaryl.

In general, and unless otherwise mentioned, the heteroaryl or heteroarylene groups include all possible isomeric forms thereof, *e.g.*: tautomers and positional isomers with respect to the point of linkage to the rest of the molecule. Thus, for some illustrative non-restricting examples, the term pyridinyl includes pyridin-2-yl, pyridin-3-yl and pyridin-4-yl; or the term thienyl includes thien-2-yl and thien-3-yl.

The term "C_1-C_4", as used in the present text, *e.g.* in the context of the definition of "C_1-C_4-alkyl", "C_1-C_4-halogenoalkyl", "C_1-C_4-hydroxyalkyl", "C_1-C_4-alkoxy" or "C_1-C_4-halogenoalkoxy" means an alkyl group having a finite number of carbon atoms of 1 to 4, *i.e.* 1, 2, 3 or 4 carbon atoms.

Further, as used herein, the term "C_3-C_6", as used in the present text, *e.g.* in the context of the definition of "C_3-C_6-cycloalkyl" or C_3-C_6-halogenocycloalkyl, means a cycloalkyl group having a finite number of carbon atoms of 3 to 6, *i.e.* 3, 4, 5 or 6 carbon atoms.

When a range of values is given, said range encompasses each value and sub-range within said range.

For example:

"C_1-C_4" encompasses C_1, C_2, C_3, C_4, C_1-C_4, C_1-C_3, C_1-C_2, C_2-C_4, C_2-C_3, and C_3-C_4;

"C_2-C_6" encompasses C_2, C_3, C_4, C_5, C_6, C_2-C_6, C_2-C_5, C_2-C_4, C_2-C_3, C_3-C_6, C_3-C_5, C_3-C_4, C_4-C_6, C_4-C_5, and C_5-C_6;

"C_3-C_4" encompasses C_3, C_4, and C_3-C_4;

"C_3-C_{10}" encompasses C_3, C_4, C_5, C_6, C_7, C_8, C_9, C_{10}, C_3-C_{10}, C_3-C_9, C_3-C_8, C_3-C_7, C_3-C_6, C_3-C_5, C_3-C_4, C_4-C_{10}, C_4-C_9, C_4-C_8, C_4-C_7, C_4-C_6, C_4-C_5, C_5-C_{10}, C_5-C_9, C_5-C_8, C_5-C_7, C_5-C_6, C_6-C_{10}, C_6-C_9, C_6-C_8, C_6-C_7, C_7-C_{10}, C_7-C_9, C_7-C_8, C_8-C_{10}, C_8-C_9 and C_9-C_{10};

"C_3-C_8" encompasses C_3, C_4, C_5, C_6, C_7, C_8, C_3-C_8, C_3-C_7, C_3-C_6, C_3-C_5, C_3-C_4, C_4-C_8, C_4-C_7, C_4-C_6, C_4-C_5, C_5-C_8, C_5-C_7, C_5-C_6, C_6-C_8, C_6-C_7 and C_7-C_8;

"C_3-C_6" encompasses C_3, C_4, C_5, C_6, C_3-C_6, C_3-C_5, C_3-C_4, C_4-C_6, C_4-C_5, and C_5-C_6;

"C_4-C_8" encompasses C_4, C_5, C_6, C_7, C_8, C_4-C_8, C_4-C_7, C_4-C_6, C_4-C_5, C_5-C_8, C_5-C_7, C_5-C_6, C_6-C_8, C_6-C_7 and C_7-C_8;

"C_4-C_7" encompasses C_4, C_5, C_6, C_7, C_4-C_7, C_4-C_6, C_4-C_5, C_5-C_7, C_5-C_6 and C_6-C_7;

"C_4-C_6" encompasses C_4, C_5, C_6, C_4-C_6, C_4-C_5 and C_5-C_6;

"C_5-C_{10}" encompasses C_5, C_6, C_7, C_8, C_9, C_{10}, C_5-C_{10}, C_5-C_9, C_5-C_8, C_5-C_7, C_5-C_6, C_6-C_{10}, C_6-C_9, C_6-C_8, C_6-C_7, C_7-C_{10}, C_7-C_9, C_7-C_8, C_8-C_{10}, C_8-C_9 and C_9-C_{10};

"C_6-C_{10}" encompasses C_6, C_7, C_8, C_9, C_{10}, C_6-C_{10}, C_6-C_9, C_6-C_8, C_6-C_7, C_7-C_{10}, C_7-C_9, C_7-C_8, C_8-C_{10}, C_8-C_9 and C_9-C_{10}.

As used herein, the term “leaving group” means an atom or a group of atoms that is displaced in a chemical reaction as stable species taking with it the bonding electrons. In particular, such a leaving group is selected from the group comprising: halide, in particular fluoride, chloride, bromide or iodide, (methylsulfonyl)oxy, [(trifluoromethyl)sulfonyl]oxy, [(nonafluorobutyl)-sulfonyl]oxy, (phenylsulfonyl)oxy, [(4-methylphenyl)sulfonyl]oxy, [(4-bromophenyl)sulfonyl]oxy, [(4-nitrophenyl)sulfonyl]oxy, [(2-nitrophenyl)sulfonyl]oxy, [(4-isopropylphenyl)sulfonyl]oxy, [(2,4,6-triisopropylphenyl)sulfonyl]oxy, [(2,4,6-trimethylphenyl)sulfonyl]oxy, [(4-*tert*-butyl-phenyl)sulfonyl]oxy and [(4-methoxyphenyl)sulfonyl]oxy.

An oxo substituent in the context of the invention means an oxygen atom, which is bound to a carbon atom via a double bond.

It is possible for the compounds of general formula (I) to exist as isotopic variants. The invention therefore includes one or more isotopic variant(s) of the compounds of general formula (I), particularly deuterium-containing compounds of general formula (I).

The term “Isotopic variant” of a compound or a reagent is defined as a compound exhibiting an unnatural proportion of one or more of the isotopes that constitute such a compound.

The term “Isotopic variant of the compound of general formula (I)” is defined as a compound of general formula (I) exhibiting an unnatural proportion of one or more of the isotopes that constitute such a compound.

The expression “unnatural proportion” means a proportion of such isotope which is higher than its natural abundance. The natural abundances of isotopes to be applied in this context are described in “Isotopic Compositions of the Elements 1997”, Pure Appl. Chem., 70(1), 217-235, 1998.

Examples of such isotopes include stable and radioactive isotopes of hydrogen, carbon, nitrogen, oxygen, phosphorus, sulfur, fluorine, chlorine, bromine and iodine, such as ^{2}H (deuterium), ^{3}H (tritium), ^{11}C, ^{13}C, ^{14}C, ^{15}N, ^{17}O, ^{18}O, ^{32}P, ^{33}P, ^{33}S, ^{34}S, ^{35}S, ^{36}S, ^{18}F, ^{36}Cl, ^{82}Br, ^{123}I, ^{124}I, ^{125}I, ^{129}I and ^{131}I, respectively.

With respect to the treatment and/or prevention of the disorders specified herein the isotopic variant(s) of the compounds of general formula (I) preferably contain deuterium (“deuterium-containing compounds of general formula (I)”). Isotopic variants of the compounds of general formula (I) in which one or more radioactive isotopes, such as ^{3}H or ^{14}C, are incorporated are useful e.g. in drug and/or substrate tissue distribution studies. These isotopes are particularly preferred for the ease of their incorporation and detectability. Positron emitting isotopes such as ^{18}F or ^{11}C may be incorporated into a compound of general formula (I). These isotopic variants of the compounds of general formula (I) are useful for in vivo imaging applications. Deuterium-containing and ^{13}C-containing compounds of general formula (I) can be used in mass spectrometry analyses in the context of preclinical or clinical studies.

Isotopic variants of the compounds of general formula (I) can generally be prepared by methods known to a person skilled in the art, such as those described in the schemes and/or examples herein, by substituting a reagent for an isotopic variant of said reagent, preferably for a deuterium-containing reagent. Depending on the desired sites of deuteration, in some cases deuterium from D_2O can be incorporated either directly into the compounds or into reagents that are useful for synthesizing such compounds. Deuterium gas is also a useful reagent for incorporating deuterium into molecules. Catalytic deuteration of olefinic bonds and acetylenic bonds is a rapid route for incorporation of deuterium. Metal catalysts (i.e. Pd, Pt, and Rh) in the presence of deuterium gas can be used to directly exchange deuterium for hydrogen in functional groups containing hydrocarbons. A variety of deuterated reagents and synthetic building blocks are commercially available from companies such as for example C/D/N Isotopes, Quebec, Canada; Cambridge Isotope Laboratories Inc., Andover, MA, USA; and CombiPhos Catalysts, Inc., Princeton, NJ, USA.

The term “deuterium-containing compound of general formula (I)” is defined as a compound of general formula (I), in which one or more hydrogen atom(s) is/are replaced by one or more deuterium atom(s) and in which the abundance of deuterium at each deuterated position of the

compound of general formula (I) is higher than the natural abundance of deuterium, which is about 0.015%. Particularly, in a deuterium-containing compound of general formula (I) the abundance of deuterium at each deuterated position of the compound of general formula (I) is higher than 10%, 20%, 30%, 40%, 50%, 60%, 70% or 80%, preferably higher than 90%, 95%, 96% or 97%, even more preferably higher than 98% or 99% at said position(s). It is understood that the abundance of deuterium at each deuterated position is independent of the abundance of deuterium at other deuterated position(s).

The selective incorporation of one or more deuterium atom(s) into a compound of general formula (I) may alter the physicochemical properties (such as for example acidity [C. L. Perrin, et al., J. Am. Chem. Soc., 2007, 129, 4490], basicity [C. L. Perrin et al., J. Am. Chem. Soc., 2005, 127, 9641], lipophilicity [B. Testa et al., Int. J. Pharm., 1984, 19(3), 271]) and/or the metabolic profile of the molecule and may result in changes in the ratio of parent compound to metabolites or in the amounts of metabolites formed. Such changes may result in certain therapeutic advantages and hence may be preferred in some circumstances. Reduced rates of metabolism and metabolic switching, where the ratio of metabolites is changed, have been reported (A. E. Mutlib et al., Toxicol. Appl. Pharmacol., 2000, 169, 102). These changes in the exposure to parent drug and metabolites can have important consequences with respect to the pharmacodynamics, tolerability and efficacy of a deuterium-containing compound of general formula (I). In some cases deuterium substitution reduces or eliminates the formation of an undesired or toxic metabolite and enhances the formation of a desired metabolite (e.g. Nevirapine: A. M. Sharma et al., Chem. Res. Toxicol., 2013, 26, 410; Efavirenz: A. E. Mutlib et al., Toxicol. Appl. Pharmacol., 2000, 169, 102). In other cases the major effect of deuteration is to reduce the rate of systemic clearance. As a result, the biological half-life of the compound is increased. The potential clinical benefits would include the ability to maintain similar systemic exposure with decreased peak levels and increased trough levels. This could result in lower side effects and enhanced efficacy, depending on the particular compound's pharmacokinetic/ pharmacodynamic relationship. ML-337 (C. J. Wenthur et al., J. Med. Chem., 2013, 56, 5208) and Odanacatib (K. Kassahun et al., WO2012/112363) are examples for this deuterium effect. Still other cases have been reported in which reduced rates of metabolism result in an increase in exposure of the drug without changing the rate of systemic clearance (e.g. Rofecoxib: F. Schneider et al., Arzneim. Forsch. / Drug. Res., 2006, 56, 295; Telaprevir: F. Maltais et al., J. Med. Chem., 2009, 52, 7993). Deuterated drugs showing this effect may have reduced dosing requirements (e.g. lower number of doses or lower dosage to achieve the desired effect) and/or may produce lower metabolite loads.

A compound of general formula (I) may have multiple potential sites of attack for metabolism. To optimize the above-described effects on physicochemical properties and metabolic profile, deuterium-containing compounds of general formula (I) having a certain pattern of one or more

deuterium-hydrogen exchange(s) can be selected. Particularly, the deuterium atom(s) of deuterium-containing compound(s) of general formula (I) is/are attached to a carbon atom and/or is/are located at those positions of the compound of general formula (I), which are sites of attack for metabolizing enzymes such as e.g. cytochrome P_{450}.

Where the plural form of the word compounds, salts, polymorphs, hydrates, solvates and the like, is used herein, this is taken to mean also a single compound, salt, polymorph, isomer, hydrate, solvate or the like.

By "stable compound' or "stable structure" is meant a compound that is sufficiently robust to survive isolation to a useful degree of purity from a reaction mixture, and formulation into an efficacious therapeutic agent.

The compounds of the present invention optionally contain one or more asymmetric centres, depending upon the location and nature of the various substituents desired. It is possible that one or more asymmetric carbon atoms are present in the (R) or (S) configuration, which can result in racemic mixtures in the case of a single asymmetric centre, and in diastereomeric mixtures in the case of multiple asymmetric centres. In certain instances, it is possible that asymmetry also be present due to restricted rotation about a given bond, for example, the central bond adjoining two substituted aromatic rings of the specified compounds.

Preferred compounds are those which produce the more desirable biological activity. Separated, pure or partially purified isomers and stereoisomers or racemic or diastereomeric mixtures of the compounds of the present invention are also included within the scope of the present invention. The purification and the separation of such materials can be accomplished by standard techniques known in the art.

Preferred isomers are those which produce the more desirable biological activity. These separated, pure or partially purified isomers or racemic mixtures of the compounds of this invention are also included within the scope of the present invention. The purification and the separation of such materials can be accomplished by standard techniques known in the art.

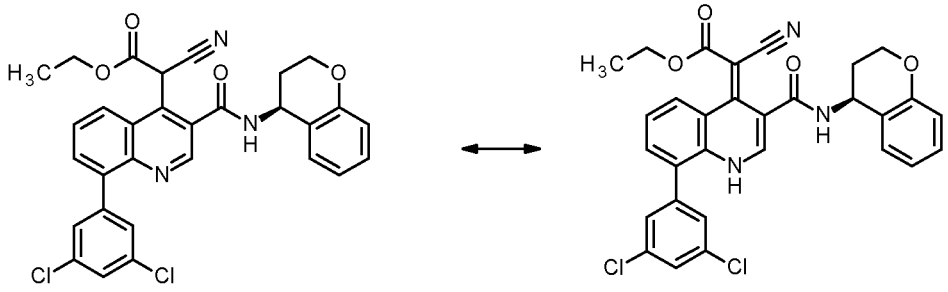
The optical isomers can be obtained by resolution of the racemic mixtures according to conventional processes, for example, by the formation of diastereoisomeric salts using an optically active acid or base or formation of covalent diastereomers. Examples of appropriate acids are tartaric, diacetyltartaric, ditoluoyltartaric and camphorsulfonic acid. Mixtures of diastereoisomers can be separated into their individual diastereomers on the basis of their physical and/or chemical differences by methods known in the art, for example, by chromatography or fractional crystallisation. The optically active bases or acids are then liberated from the separated diastereomeric salts. A different process for separation of optical isomers involves the use of chiral chromatography (*e.g.*, HPLC columns using a chiral phase), with or without conventional derivatisation, optimally chosen to maximise the separation of the

enantiomers. Suitable HPLC columns using a chiral phase are commercially available, such as those manufactured by Daicel, *e.g.*, Chiracel OD and Chiracel OJ, for example, among many others, which are all routinely selectable. Enzymatic separations, with or without derivatisation, are also useful. The optically active compounds of the present invention can likewise be obtained by chiral syntheses utilizing optically active starting materials.

In order to distinguish different types of isomers from each other reference is made to IUPAC Rules Section E (Pure Appl Chem 45, 11-30, 1976).

The present invention includes all possible stereoisomers of the compounds of the present invention as single stereoisomers, or as any mixture of said stereoisomers, *e.g.* (R)- or (S)-isomers, in any ratio. Isolation of a single stereoisomer, *e.g.* a single enantiomer or a single diastereomer, of a compound of the present invention is achieved by any suitable state of the art method, such as chromatography, especially chiral chromatography, for example.

Further, it is possible for the compounds of the present invention to exist as tautomers. For example, any compound of the present invention which contains a substitution pattern resulting in α-CH-moiety at the quinoline that has an increased C-H-acidity can exist as a 1,4-dihydroquinoline tautomer, or even a mixture in any amount of the two tautomers, namely:



The present invention includes all possible tautomers of the compounds of the present invention as single tautomers, or as any mixture of said tautomers, in any ratio.

Further, the compounds of the present invention can exist as N-oxides, which are defined in that at least one nitrogen of the compounds of the present invention is oxidised. The present invention includes all such possible N-oxides.

The present invention also covers useful forms of the compounds of the present invention, such as metabolites, hydrates, solvates, prodrugs, salts, in particular pharmaceutically acceptable salts, and/or co-precipitates.

The compounds of the present invention can exist as a hydrate, or as a solvate, wherein the compounds of the present invention contain polar solvents, in particular water, methanol or ethanol for example, as structural element of the crystal lattice of the compounds. It is possible for the amount of polar solvents, in particular water, to exist in a stoichiometric or non-stoichiometric ratio. In the case of stoichiometric solvates, *e.g.* a hydrate, hemi-, (semi-),

mono-, sesqui-, di-, tri-, tetra-, penta- *etc.* solvates or hydrates, respectively, are possible. The present invention includes all such hydrates or solvates.

Further, it is possible for the compounds of the present invention to exist in free form, *e.g.* as a free base, or as a free acid, or as a zwitterion, or to exist in the form of a salt. Said salt may be any salt, either an organic or inorganic addition salt, particularly any pharmaceutically acceptable organic or inorganic addition salt, which is customarily used in pharmacy, or which is used, for example, for isolating or purifying the compounds of the present invention.

The term “pharmaceutically acceptable salt" refers to an inorganic or organic acid addition salt of a compound of the present invention. For example, see S. M. Berge, *et al.* “Pharmaceutical Salts,” J. Pharm. Sci. 1977, 66, 1-19.

A suitable pharmaceutically acceptable salt of the compounds of the present invention may be, for example, an acid-addition salt of a compound of the present invention bearing a nitrogen atom, in a chain or in a ring, for example, which is sufficiently basic, such as an acid-addition salt with an inorganic acid, or “mineral acid”, such as hydrochloric, hydrobromic, hydroiodic, sulfuric, sulfamic, bisulfuric, phosphoric, or nitric acid, for example, or with an organic acid, such as formic, acetic, acetoacetic, pyruvic, trifluoroacetic, propionic, butyric, hexanoic, heptanoic, undecanoic, lauric, benzoic, salicylic, 2-(4-hydroxybenzoyl)-benzoic, camphoric, cinnamic, cyclopentanepropionic, digluconic, 3-hydroxy-2-naphthoic, nicotinic, pamoic, pectinic, 3-phenylpropionic, pivalic, 2-hydroxyethanesulfonic, itaconic, trifluoromethanesulfonic, dodecylsulfuric, ethanesulfonic, benzenesulfonic, para-toluenesulfonic, methanesulfonic, 2-naphthalenesulfonic, naphthalinedisulfonic, camphorsulfonic acid, citric, tartaric, stearic, lactic, oxalic, malonic, succinic, malic, adipic, alginic, maleic, fumaric, D-gluconic, mandelic, ascorbic, glucoheptanoic, glycerophosphoric, aspartic, sulfosalicylic, or thiocyanic acid, for example.

Further, another suitably pharmaceutically acceptable salt of a compound of the present invention which is sufficiently acidic, is an alkali metal salt, for example a sodium or potassium salt, an alkaline earth metal salt, for example a calcium, magnesium or strontium salt, or an aluminium or a zinc salt, or an ammonium salt derived from ammonia or from an organic primary, secondary or tertiary amine having 1 to 20 carbon atoms, such as ethylamine, diethylamine, triethylamine, ethyldiisopropylamine, monoethanolamine, diethanolamine, triethanolamine, dicyclohexylamine, dimethylaminoethanol, diethylaminoethanol, tris(hydroxymethyl)aminomethane, procaine, dibenzylamine, *N*-methylmorpholine, arginine, lysine, 1,2-ethylenediamine, *N*-methylpiperidine, *N*-methyl-glucamine, *N,N*-dimethyl-glucamine, *N*-ethyl-glucamine, 1,6-hexanediamine, glucosamine, sarcosine, serinol, 2-amino-1,3-propanediol, 3-amino-1,2-propanediol, 4-amino-1,2,3-butanetriol, or a salt with a quarternary ammonium ion having 1 to 20 carbon atoms, such as tetramethylammonium,

tetraethylammonium, tetra(*n*-propyl)ammonium, tetra(*n*-butyl)ammonium, *N*-benzyl-*N*,*N*,*N*-trimethylammonium, choline or benzalkonium.

Those skilled in the art will further recognise that it is possible for acid addition salts of the claimed compounds to be prepared by reaction of the compounds with the appropriate inorganic or organic acid via any of a number of known methods. Alternatively, alkali and alkaline earth metal salts of acidic compounds of the present invention are prepared by reacting the compounds of the present invention with the appropriate base via a variety of known methods.

The present invention includes all possible salts of the compounds of the present invention as single salts, or as any mixture of said salts, in any ratio.

In the present text, in particular in the Experimental Section, for the synthesis of intermediates and of examples of the present invention, when a compound is mentioned as a salt form with the corresponding base or acid, the exact stoichiometric composition of said salt form, as obtained by the respective preparation and/or purification process, is, in most cases, unknown.

Unless specified otherwise, suffixes to chemical names or structural formulae relating to salts, such as "hydrochloride", "trifluoroacetate", "sodium salt", or "x HCl", "x CF_3COOH", "x Na^+", for example, mean a salt form, the stoichiometry of which salt form not being specified.

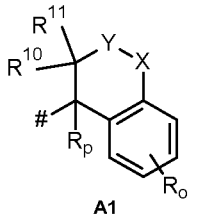
This applies analogously to cases in which synthesis intermediates or example compounds or salts thereof have been obtained, by the preparation and/or purification processes described, as solvates, such as hydrates, with (if defined) unknown stoichiometric composition.

Furthermore, the present invention includes all possible crystalline forms, or polymorphs, of the compounds of the present invention, either as single polymorph, or as a mixture of more than one polymorph, in any ratio.

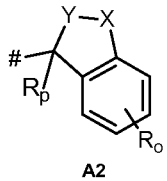
Moreover, the present invention also includes prodrugs of the compounds according to the invention. The term “prodrugs” here designates compounds which themselves can be biologically active or inactive, but are converted (for example metabolically or hydrolytically) into compounds according to the invention during their residence time in the body.

In accordance with a second embodiment of the first aspect, the present invention covers compounds of general formula (I), *supra*, in which:

A is A1 or A2,



A1



A2

o is 0, 1, 2, 3 or 4,

R is selected from the group consisting of hydrogen, halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl, –S(O)-C_1-C_4-halogenoalkyl and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8, or

X, Y form together a ring member selected from the group consisting of -C(O)-O-, -C(O)-NR^9-, -S(O)-NR^9-, -SO_2-NR^9- and -SO_2-O-,

R^1 is selected from the group consisting of hydrogen, cyano, -CHO, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, C_3-C_6-halogenocycloalkyl having 1 to 5 halogen atoms, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl, -NH-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)$_2$, NH_2-C_1-C_4-alkyl-, C_1-C_4-alkyl-NH-C_1-C_4-alkyl-, (C_1-C_4-alkyl)$_2$N-C_1-C_4-alkyl-, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl-C(O)- having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C(O)-, benzyloxy-C(O)-, C_1-C_4-alkoxy-C_1-C_4-alkyl-C(O)-, -SO_2-C_1-C_4-alkyl, and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl-C_1-C_4-alkyl, optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –

S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-alkyl-C(O)-, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-

membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,–SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen, or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^7 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^8 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^7 and R^8 together form an oxo group (=O),

R^9 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is selected from the group consisting of hydrogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -OH, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)-(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-

halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

-NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-

halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

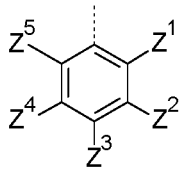
heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-

C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1, Z^2, Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, -CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocyclyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

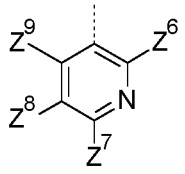
Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocycloalkyl which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocycloalkyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Z^2 and Z^3 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^1, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocycloalkyl which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocycloalkyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -

NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q2)

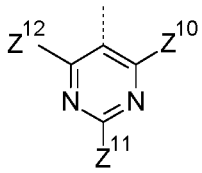


(Q2)

in which:

Z^6, Z^7, Z^8 and Z^9 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyrimidine ring of the formula (Q3)

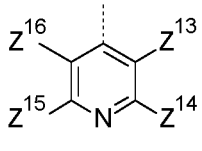


(Q3)

in which:

Z^{10}, Z^{11} and Z^{12} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyridine ring of the formula (Q4)



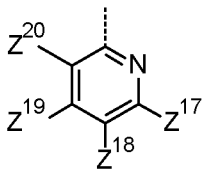
(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)

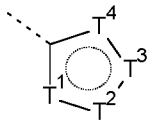


(Q5)

in which:

Z^{17}, Z^{18}, Z^{19} and Z^{20} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

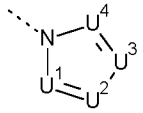
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

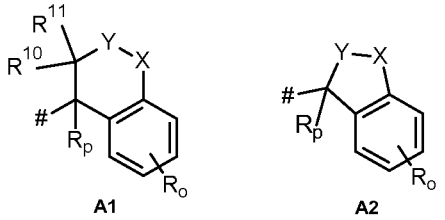
each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

wherein when Y is O, S or N-R^9, none of R^7, R^8, R^{10} and R^{11} is -OH, and wherein when X is O, S or N-R^9, none of R^7 and R^8 is -OH,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In accordance with a third embodiment of the first aspect, the present invention covers compounds of general formula (I), *supra*, in which:

A is A1 or A2,



A1 A2

o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8,

R^1 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is hydrogen,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, $-NH(-C(O)-C_1$-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NH(C_1$-C_4-alkyl), $-C(O)-N(C_1$-C_4-alkyl$)_2$, $-NH-C(O)-C_1$-C_4-alkyl, $-N(C_1$-C_4-alkyl$)-(-C(O)-C_1$-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$, $-S-C_1$-C_4-alkyl, $-S(O)-C_1$-C_4-alkyl, $-SO_2-C_1$-C_4-alkyl, $–S-C_1$-C_4-halogenoalkyl having 1 to 5 halogen atoms, $–S(O)-C_1$-C_4-halogenoalkyl having 1 to 5 halogen atoms, $–SO_2-C_1$-C_4-halogenoalkyl having 1 to 5 halogen atoms and $(C_1$-C_4-alkoxy$)_2P(=O)$-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl; and

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

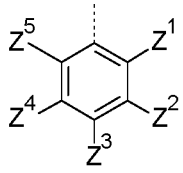
R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1, Z^2, Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), or

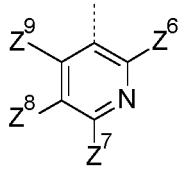
Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5- or 6-membered heterocycloalkyl, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, or

Z^2 and Z^3 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^1, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q2)

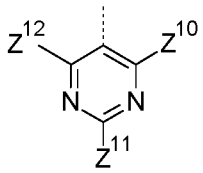


(Q2)

in which:

Z^6, Z^7, Z^8 and Z^9 are independently selected from the group consisting of hydrogen halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyrimidine ring of the formula (Q3)

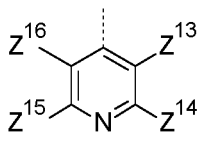


(Q3)

in which:

Z^{10}, Z^{11} and Z^{12} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyridine ring of the formula (Q4)



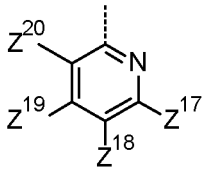
(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-

alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)

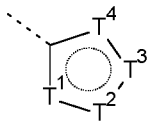


(Q5)

in which:

Z^{17}, Z^{18}, Z^{19} and Z^{20} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

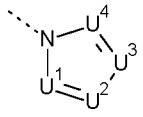
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

$U^1 – U^4$ are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of $U^1 – U^4$ are N, and wherein

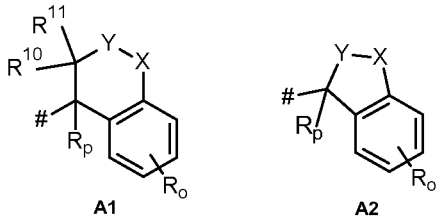
each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

wherein when Y is O, S or N-R^9, R^{10} is not -OH,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In accordance with a fourth embodiment of the first aspect, the present invention covers compounds of general formula (I), *supra*, in which:

A is A1 or A2,



A1 A2

o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X is selected from the group consisting of CR^7R^8, O, S, and N-R^9,

Y is CR^7R^8 or O,

R^1 is hydrogen or C_1-C_4-alkyl,

R^2 is selected from the group consisting of

hydrogen, halogen, -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

$-SR^{15}$, $-S(O)R^{15}$, $-SO_2R^{15}$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl or C_3-C_6-cycloalkenyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)- and $-C(O)-NH_2$, C_1-C_4-alkoxy, $-NH_2$, $-N(C_1$-C_4-alkyl$)_2$, $-N(C_1$-C_4-alkyl$)(C(O)-C_1$-C_4-alkyl); and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl, and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy-C_1-C_4-alkyl-, C_1-C_4-alkoxy-C_1-C_4-alkyl-, $-NH_2$, $-N(C_1$-C_4-alkyl$)_2$, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH and C_1-C_4-alkyl,

R^{11} is hydrogen,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, $-NH(-C(O)-C_1$-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-N(C_1$-C_4-alkyl$)_2$, $-NH-C(O)-C_1$-C_4-alkyl, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl, $-NH_2$, $-N(C_1$-C_4-alkyl$)_2$, $-S-C_1$-C_4-alkyl, $-S(O)-C_1$-C_4-alkyl, $-SO_2-C_1$-C_4-alkyl, and $(C_1$-C_4-alkoxy$)_2P(=O)$-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy;

phenyl and benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, oxo, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy and C_3-C_6-cycloalkyl; and

4- to 10-membered heterocycloalkyl,

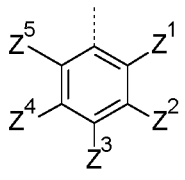
R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of -OH and -COOH; and

a 6-membered heteroaryl,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, halogen, cyano, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -S-(C_1-C_4-alkyl) and a 4- to 6-membered heterocycloalkyl, and

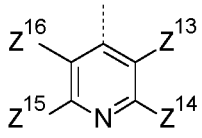
Z^3 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, and -N(C_1-C_4-alkyl)$_2$, or

Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5-membered heterocycloalkyl or a 5-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo,

Z^3 and Z^5 are hydrogen, and

Z^4 is selected from the group consisting of hydrogen and C_1-C_4-alkoxy-C(O)-, or

Q is a pyridine ring of the formula (Q4)

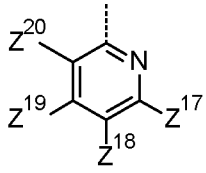


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)



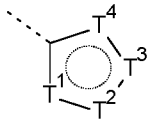
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is halogen, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

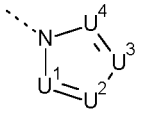
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

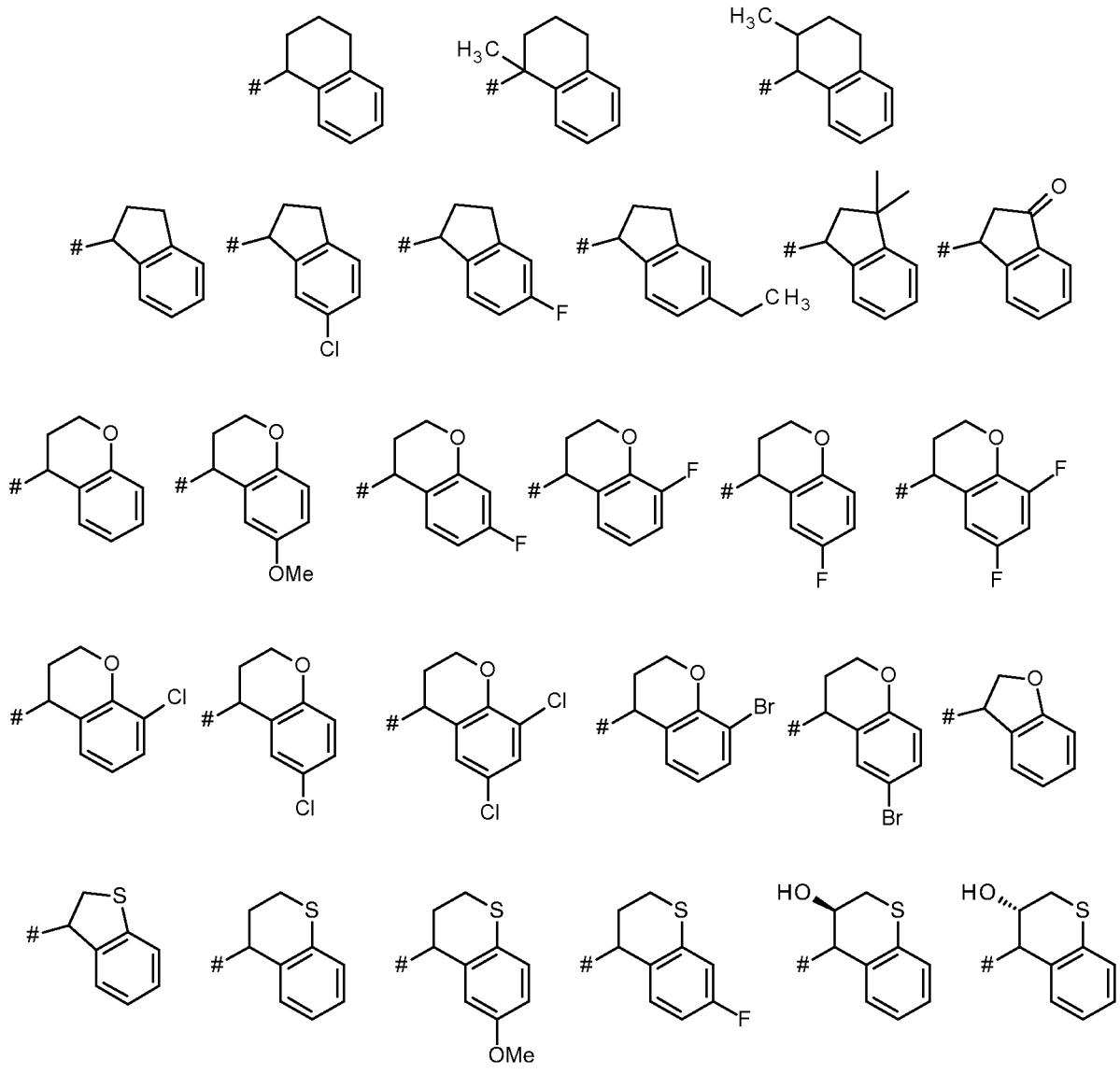
U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

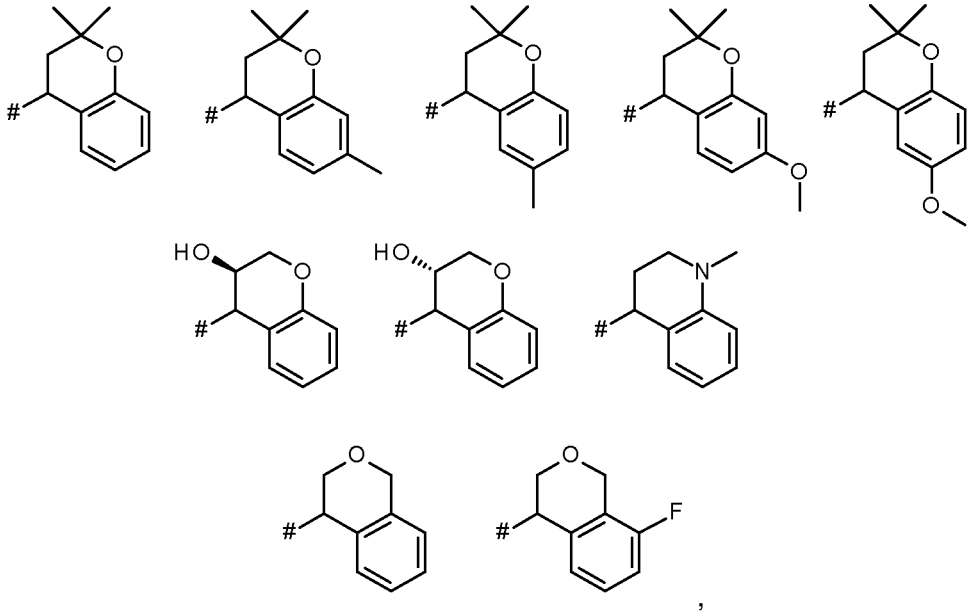
each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In accordance with a fifth embodiment of the first aspect, the present invention covers compounds of general formula (I), *supra*, in which:

A is selected from the group consisting of





R^1 is hydrogen or methyl,

R^2 is selected from the group consisting of

hydrogen, chlorine, iodine, -C(O)-$N(CH_3)_2$,

$-NR^{12}R^{13}$;

$-OR^{14}$;

$-SR^{15}$, -S(O)R^{15}, $-SO_2R^{15}$;

methyl, ethyl, propyl, isopropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, ethenyl, propenyl, cyclopentenyl, cyclohexenyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of –OH, cyano, ethoxy-C(O)-, -C(O)-NH_2, methoxy, NH_2, $N(CH_3)_2$, $N(CH_3)(C(O)CH_3)$; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of azetidine, oxetane, pyrrolidine, tetrahydrofurane, pyrazolidine, imidazolidine, 1,2,4-triazolidine, piperidine, piperazine, tetrahydropyrane, tetrahydropyridine, dihydro-2*H*-pyrane, 1,2-oxazolidine, 1,2-oxazine, morpholine, thiomorpholine, 3,4-dihydroisoquinoline, 2,3-dihydro-indole, 1,3-dihydro-isoindoel, 3,9-dioxa-7-azabicyclo[3.3.1]nonane, 6-oxa-3-azabicyclo[3.1.1]heptane, 8-oxa-3-azabicyclo[3.2.1]octane, thiophene, imidazole, pyrazole, 1,2,4-triazole, 1,2,3-triazole, 1,2,3,4-tetrazole, pyridine, dihydropyridine, pyrimidine, tetrahydropyrimidine, 4-oxa-7-azaspiro[2.5]octane, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of fluorine, chlorine, cyano, -OH, oxo, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, methyl, methyl-C(O)-, difluoromethyl, trifluoromethyl, hydroxymethyl-, methoxymethyl-, $-NH_2$, $-NMe_2$, pyrrolidine,

R^3 is hydrogen or methyl,

R^4 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, methoxy, trifluoromethyl, trifluoromethoxy and NH_2,

R^5 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, methoxy and trifluoromethyl,

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl and methoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-methyl), methoxy;

methyl, ethyl, propyl, isopropyl, butyl, isobutyl, cyclopropyl, cyclobutyl, benzyl, 1-phenylethyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of fluorine, -OH, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, -C(O)-NMe_2, -NH-C(O)-methyl, methyl, methoxy, cyclopropyl, -NH_2, NMe_2, S-methyl, S(O)-methyl, SO_2-methyl, and $(EtO)_2P(=O)$-;

heterocyclyl-methyl, heterocyclyl-ethyl, wherein the heterocyclyl substituent is selected from the group consisting of oxetane, tetrahydrofurane, tetrahydropyrane pyrrolidine, morpholine, pyrazole, imidazole, 1, 2, 4-oxadiazole, pyridine, each of which is optionally substituted by 1 substituent independently selected from the group consisting of fluorine, chlorine, -OH, oxo and methyl;

phenyl;

2,3-dihydro-1H-indene, and

a monocyclic or a bicyclic heterocycle selected from the group of oxetane, thietane, pyrrolidine, morpholine, tetrahydropyrane, pyridine and pyrazole, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, chlorine, -OH, oxo, methyl;

R^{14} is selected from the group consisting of

methyl, ethyl, isopropyl, butyl, cyclopentyl, benzyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, -OH, methyl, methoxy and cyclopentyl; and

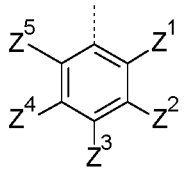
a monocyclic or a bicyclic heterocycle selected from the group consisting of pyrrolidin and tetrahydropyran,

R^{15} is selected from the group consisting of

methyl and ethyl, each of which is optionally substituted by 1 substituent independently selected from the group consisting of -OH and -COOH; and

pyridine,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

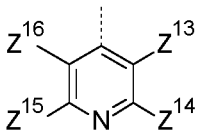
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, trifluoromethyl and methoxy,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)

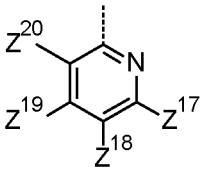


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe $-NMe_2$, -NH-C(O)-Me, morpholinyl, or

Q is a pyridine ring of the formula (Q5)



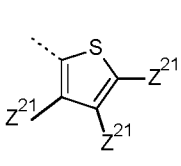
(Q5)

in which:

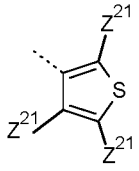
Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is fluorine, chlorine, or

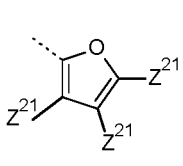
Q is selected from the group consisting of



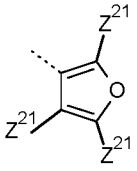
(Q6-1)



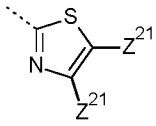
(Q6-2)



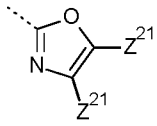
(Q6-3)



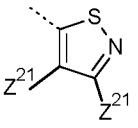
(Q6-4)



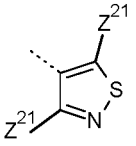
(Q6-5)



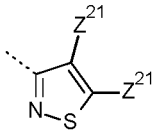
(Q6-6)



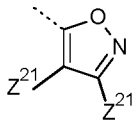
(Q6-7)



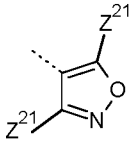
(Q6-8)



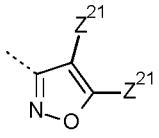
(Q6-9)



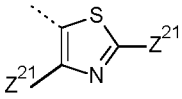
(Q6-10)



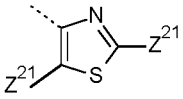
(Q6-11)



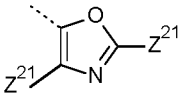
(Q6-12)



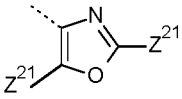
(Q6-13)



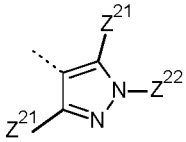
(Q6-14)



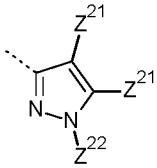
(Q6-15)



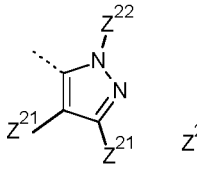
(Q6-16)



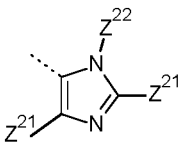
(Q6-17)



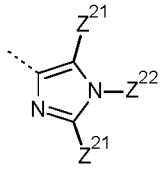
(Q6-18)



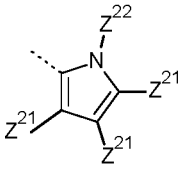
(Q6-19)



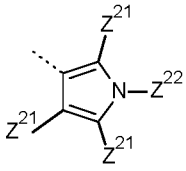
(Q6-20)



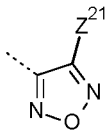
(Q6-21)



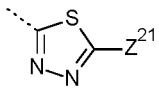
(Q6-22)



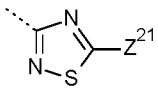
(Q6-23)



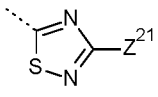
(Q6-24)



(Q6-25)



(Q6-26)



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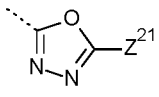
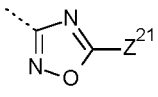
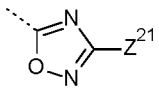


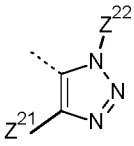
(Q6-28)



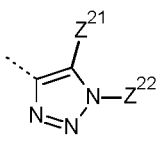
(Q6-29)



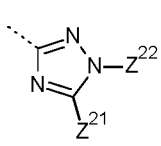
(Q6-30)



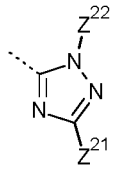
(Q6-31)



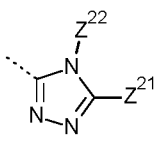
(Q6-32)



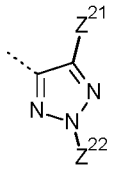
(Q6-33)



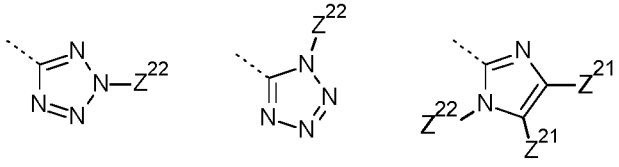
(Q6-34)



(Q6-35)



(Q6-36)



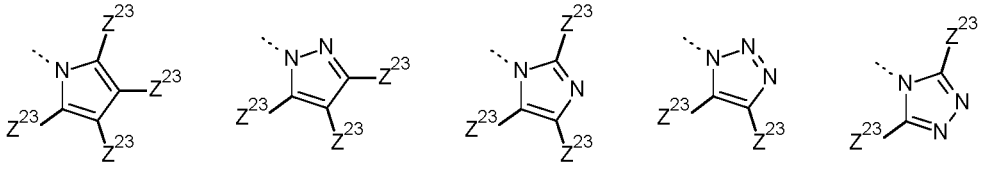
(Q6-37) (Q6-38) or (Q6-39)

in which:

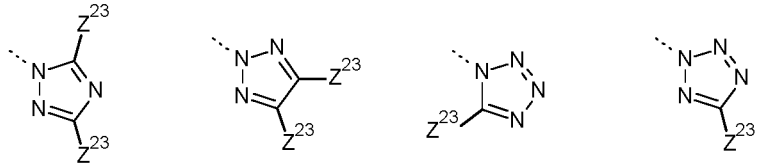
each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy and

Z^{22} is hydrogen, methyl, or

Q is selected from the group consisting of



(Q7-1) (Q7-2) (Q7-3) (Q7-4) (Q7-5)

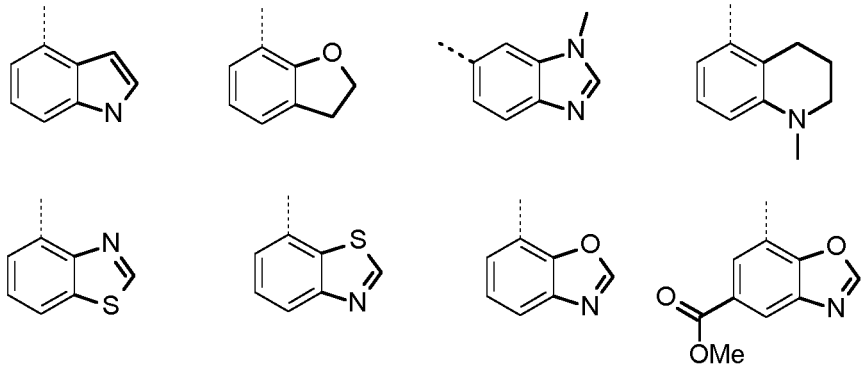


(Q7-6) (Q7-7) (Q7-8) (Q7-9)

in which:

each Z^{23} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy, or

Q is selected from the group consisting of

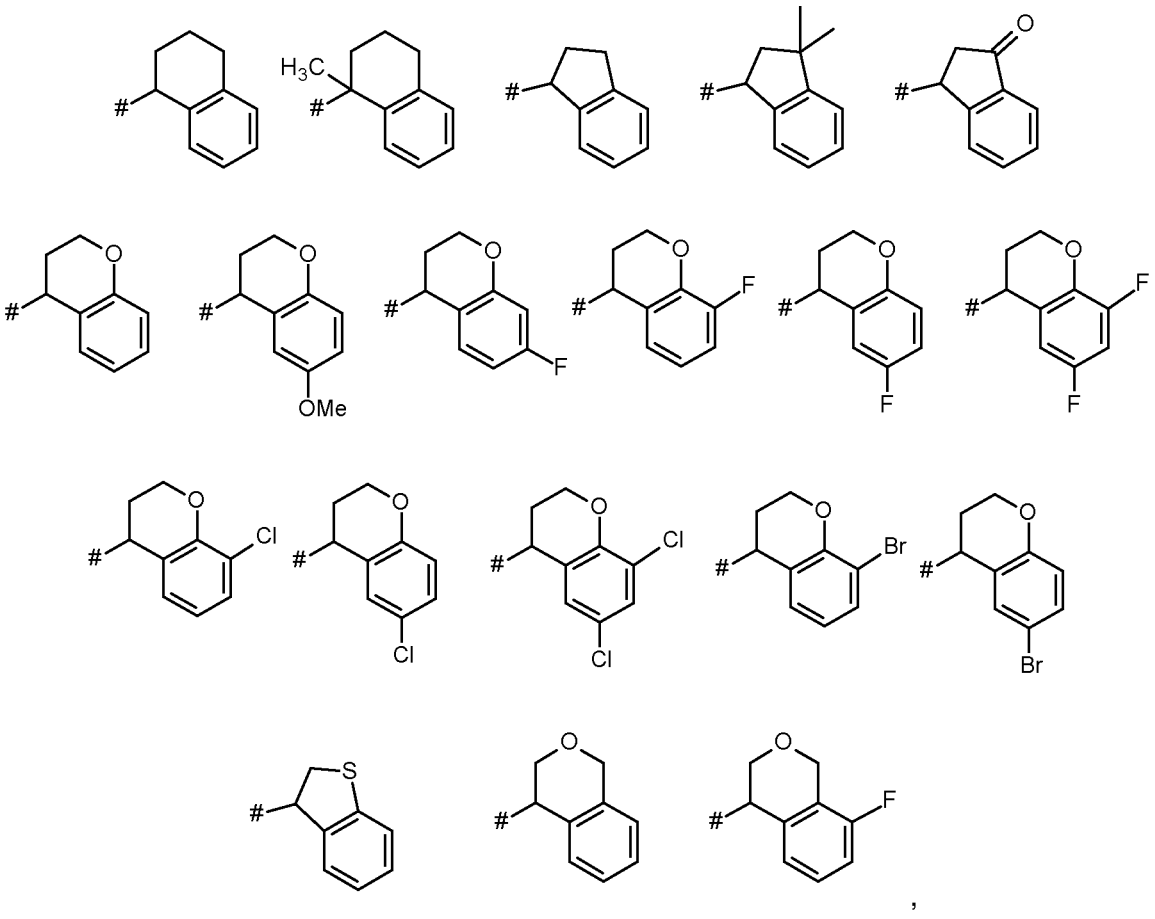


,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In accordance with a sixth embodiment of the first aspect, the present invention covers compounds of general formula (I), *supra*, in which:

A is selected from the group consisting of



,

R^1 is hydrogen or methyl,

R^2 is selected from the group consisting of

chlorine, iodine, -C(O)-$N(CH_3)_2$,

$-NR^{12}R^{13}$;

$-OR^{14}$;

$-SR^{15}$, $-S(O)R^{15}$, $-SO_2R^{15}$;

methyl, ethyl, propyl, isopropyl, cyclopropyl, cyclobutyl, cyclopentyl, ethenyl, propenyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of –OH, cyano, ethoxy-C(O)-, -C(O)-NH_2, methoxy, NH_2, $N(CH_3)_2$, $N(CH_3)(C(O)CH_3)$; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of azetidine, oxetane, pyrrolidine, tetrahydrofurane, pyrazolidine, imidazolidine, 1,2,4-triazolidine, piperidine, piperazine, tetrahydropyrane, dihydro-2*H*-pyrane, 1,2-oxazolidine, morpholine, thiomorpholine, 3,4-dihydroisoquinoline, 2,3-dihydro-indoel, 1,3-dihydro-isoindole, 3,9-dioxa-7-azabicyclo[3.3.1]nonane, 6-oxa-3-azabicyclo[3.1.1]heptane, 8-oxa-3-azabicyclo[3.2.1]octane, thiophene, imidazole, pyrazole, 1,2,3-triazole, 1,2,3,4-tetrazole, pyridine, dihydropyridine, pyrimidine, tetrahydropyrimidine, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of fluorine, -OH, oxo, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, methyl, methyl-C(O)-, difluoromethyl, trifluoromethyl, hydroxymethyl-, methoxymethyl-, -NH_2, -NMe_2, pyrrolidine,

R^3 is hydrogen or methyl,

R^4 is selected from the group consisting of hydrogen, chlorine, fluorine, methyl, methoxy and trifluoromethyl,

R^5 is selected from the group consisting of hydrogen, chlorine, fluorine, -OH, cyano, methyl, trifluoromethoxy and NH_2,

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl and methoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-methyl), methoxy;

methyl, ethyl, propyl, isopropyl, butyl, isobutyl, cyclopropyl, cyclobutyl, benzyl, 1-phenylethyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of fluorine, -OH, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, -C(O)-NMe_2, -NH-C(O)-methyl, methyl, methoxy, cyclopropyl, -NH_2, -NMe_2, SO_2-methyl and $(EtO)_2P(=O)$-;

heterocyclyl-methyl, heterocyclyl-ethyl, wherein the heterocycyl substituent is selected from the group consisting of oxetane, tetrahydrofurane, tetrahydropyrane, pyrrolidine, pyrazole, imidazole, 1, 2, 4-oxadiazole, morpholine, pyridine, each of which is optionally substituted by 1 substituent independently selected from the group consisting of oxo and methyl;

phenyl;

2,3-dihydro-1H-indene, and

a monocyclic or a bicyclic heterocycle selected from the group of oxetane, morpholine, tetrahydropyrane, pyridine and pyrazole;

R^{14} is selected from the group consisting of

methyl, ethyl, isopropyl, butyl, cyclopentyl, benzyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, -OH, methyl, methoxy and cyclopentyl; and

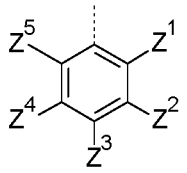
a monocyclic or a bicyclic heterocycle selected from the group consisting of pyrrolidin and tetrahydropyran,

R^{15} is selected from the group consisting of

methyl and ethyl, each of which is optionally substituted by 1 substituent independently selected from the group consisting of -OH and -COOH; and

pyridine,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

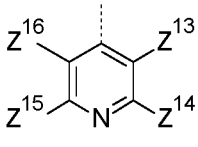
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy and trifluoromethyl,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)



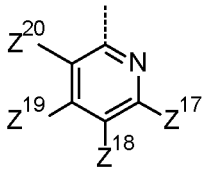
(Q4)

in which:

Z^{14} and Z^{15} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, morpholinyl and

Z^{13} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, or

Q is a pyridine ring of the formula (Q5)



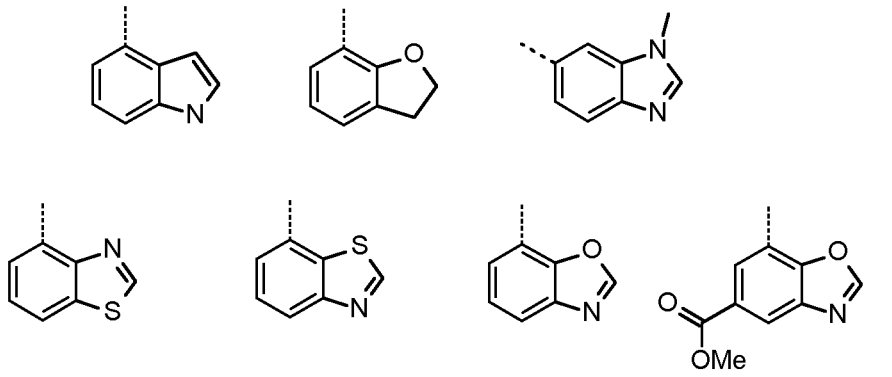
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is fluorine, or

Q is selected from the group consisting of

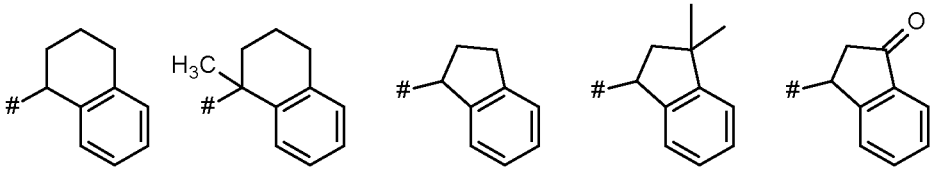


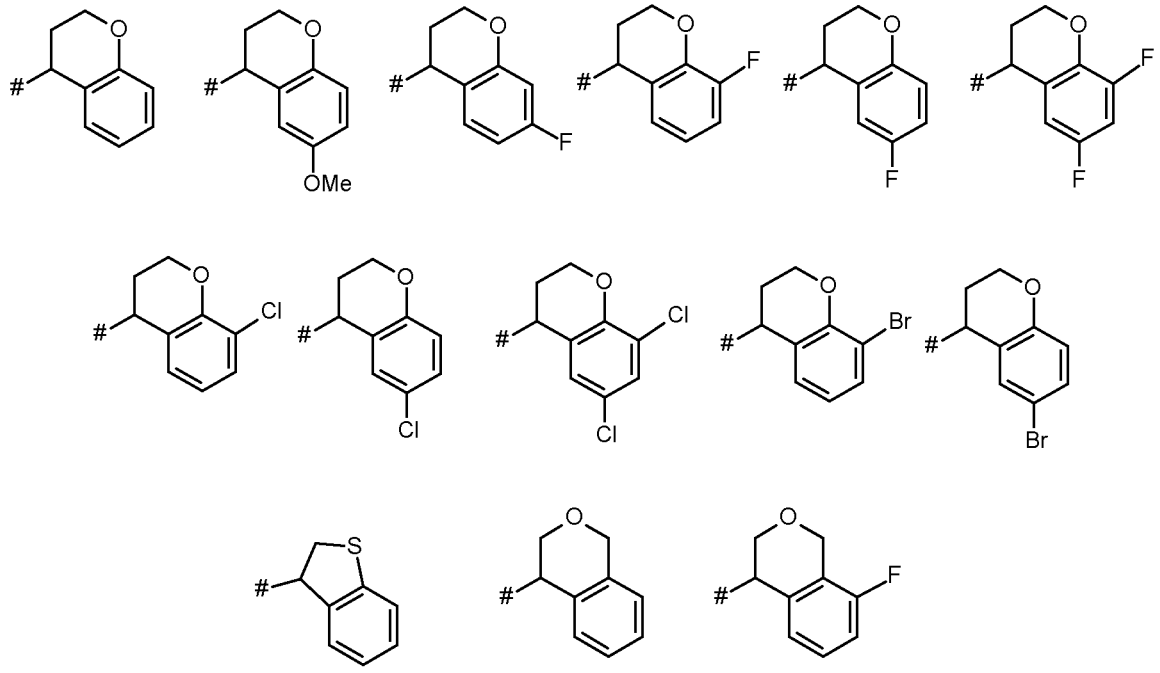
,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In accordance with a seventh embodiment of the first aspect, the present invention covers compounds of general formula (I), *supra*, in which:

A is selected from the group consisting of





,

R^1 is hydrogen or methyl,

R^2 is selected from the group consisting of hydrogen, (1S)-2,3-dihydro-1H-inden-1-ylamino, (2,3-difluorobenzyl)oxy, (2-acetamidoethyl)amino, (2-amino-2-oxoethyl)amino, (2-aminoethyl)amino, (2-carboxyethyl)sulfanyl, (2-ethoxy-2-oxoethyl)(methyl)amino, (2-hydroxyethyl)(methyl)amino, (2-hydroxyethyl)amino, hydroxymethyl, methoxymethyl, 2-hydroxyethyl, (2-hydroxyethyl)oxy, (2-hydroxyethyl)sulfanyl, (2-methoxy-2-oxoethyl)amino, (3-methoxy-3-oxopropyl)-methylamino, (2-methoxyethyl)(methyl)amino, (2-methoxyethyl)amino, (2-methoxyethyl)oxy, (2R)-2-(hydroxymethyl)pyrrolidin-1-yl, (2R)-2-(methoxycarbonyl)pyrrolidin-1-yl, (2R)-2-(methoxymethyl)pyrrolidin-1-yl, (2R)-2-(tert-butoxycarbonyl)pyrrolidin-1-yl, (2R)-2-carboxylatopyrrolidin-1-yl, (2R)-2-carboxypyrrolidin-1-yl, (2R,6S)-2,6-dimethylmorpholin-4-yl, 2-(trifluoromethyl)morpholin-4-yl, (2rac)-2-carboxypyrrolidin-1-yl, (2S)-2-(ethoxycarbonyl)pyrrolidin-1-yl, (2S)-2-(hydroxymethyl)pyrrolidin-1-yl, (2S)-2-(methoxycarbonyl)pyrrolidin-1-yl, (2S)-2-(methoxymethyl)pyrrolidin-1-yl, (2S)-2-(tert-butoxycarbonyl)pyrrolidin-1-yl, (2S)-2-carbamoylpyrrolidin-1-yl, (2S)-2-carboxypyrrolidin-1-yl, (2S)-2-methyl-2,3-dihydro-1H-indol-1-yl, (2S)-2-methylmorpholin-4-yl, (2-tert-butoxy-2-oxoethyl)(methyl)amino, (2-tert-butoxy-2-oxoethyl)amino, 2,2-difluoroethyl(methyl)amino, (3,3,3-trifluoropropyl)amino, (3,3-dimethylbutyl)oxy, (3-amino-3-oxopropyl)(methyl)amino, (3-amino-3-oxopropyl)amino, (3-fluorobenzyl)oxy, (3-methoxy-3-methylbutyl)oxy, (3-methoxybenzyl)oxy, (3R)-3-(hydroxymethyl)pyrrolidin-1-yl, (3R)-3-(methoxycarbonyl)pyrrolidin-1-yl, (3R)-3-aminopyrrolidin-1-yl, (3R)-3-carboxypyrrolidin-1-yl, (3R)-3-hydroxypyrrolidin-1-yl, (3R)-

pyrrolidin-3-yloxy, (3rac,4rac)-3-amino-4-fluoropyrrolidin-1-yl, (3S)-3-(dimethylamino)pyrrolidin-1-yl, (3S)-3-(hydroxymethyl)pyrrolidin-1-yl, (3S)-3-(methoxycarbonyl)pyrrolidin-1-yl, (3S)-3-hydroxypyrrolidin-1-yl, (carboxylatomethyl)amino, (carboxymethyl)(methyl)amino, (carboxyethyl)amino, (cyclopentylmethyl)oxy, (cyclopropylmethyl)(methyl)amino, (pyridin-2-ylmethyl)amino, (rac)-3-hydroxypyrrolidin-1-yl, [(1R,3S)-3-amino-2,2-dimethylcyclopropyl]amino, [(2R)-1-hydroxybutan-2-yl]amino, [(2S)-1-amino-1-oxopropan-2-yl]amino, [(5-methyl-1,2,4-oxadiazol-3-yl)methyl]amino, [(diethoxyphosphoryl)methyl](methyl)amino, [2-(1H-pyrazol-1-yl)ethyl]amino, 2-(1H-imidazol-1-yl)ethylamino, 2-(1H-imidazol-1-yl)ethyl-methylamino, [2-(cyclopropylamino)ethyl]amino, [2-(dimethylamino)ethyl]amino, [2-(pyrrolidin-1-yl)ethyl]amino, [3-(dimethylamino)-3-oxopropyl]amino, 1,1-dioxidothiomorpholin-4-yl, 1,2-oxazolidin-2-yl, 1,3-dihydro-2H-isoindol-2-yl, 1-cyano-2-ethoxy-2-oxoethyl, 1H-1,2,3-triazol-1-yl, 1H-imidazol-1-yl, 1H-pyrazol-1-yl, 1H-pyrazol-4-yl, 1H-pyrazol-4-ylamino, 2,2-dimethylmorpholin-4-yl, 2,2-dimethylpyrrolidin-1-yl, 2,4-dimethyl-3,5-dioxo-1,2,4-triazolidin-1-yl, 2-acetylhydrazino, 2-amino-2-oxoethyl, 2H-1,2,3-triazol-2-yl, 1H-tetrazol-5-yl, 3-(pyrrolidin-1-yl)azetidin-1-yl, 3,3-difluoroazetidin-1-yl, 3,3-difluoropyrrolidin-1-yl, 3,4-dihydroisoquinolin-2(1H)-yl, 3,9-dioxa-7-azabicyclo[3.3.1]non-7-yl, 3-fluoroazetidin-1-yl, 3-hydroxyazetidin-1-yl, 3-methylazetidin-1-yl, 3-oxopyrazolidin-1-yl, 1-(difluoromethyl)-1H-pyrazol-4-yl, 4-(trifluoromethyl)-1H-pyrazol-1-yl, 1-methyl-piperidin-4-yl, 4-fluoropiperidin-1-yl, 4,4-difluoropiperidin-1-yl, 4-acetylpiperazin-1-yl, 4-oxoimidazolidin-1-yl, 6-oxa-3-azabicyclo[3.1.1]hept-3-yl, 8-oxa-3-azabicyclo[3.2.1]oct-3-yl, amino, anilino, azetidin-1-yl, benzyl(methyl)amino, bis(2-methoxyethyl)amino, chlorine, iodine, cyanomethyl, cyclobutyl(methyl)amino, cyclopentyloxy, cyclopropyl, cyclobutyl, cyclopentyl, cyclopropyl(ethyl)amino, cyclopropyl(methyl)amino, cyclopropylamino, diethylamino, dimethylamino, dimethylaminocarbonyl, aminomethyl, 2-aminoethyl, (dimethylamino)methyl, 2-(dimethylamino)ethyl, [acetyl(methyl)amino]methyl, ethenyl, ethyl, ethyl(2-methoxyethyl)amino, ethylamino, ethyloxy, ethylsulfanyl, ethylsulfinyl, ethylsulfonyl, ethyl(methyl)amino, isobutyl(methyl)amino, isopropyl(methyl)amino, isopropyl, isopropyloxy, methoxy(methyl)amino, methoxyamino, methyl, methyl(2-methylsulfonylethyl)amino, methyl-oxolan-3-yl]methyl]amino, methyl(oxan-4-ylmethyl)amino, methyl(1-phenylethyl)amino, methyl(2,2,2-trifluoroethyl)amino, oxetan-3-ylmethylamino, methyl(oxetan-3-yl)amino, methyl(phenyl)amino, methyl[2-(2-oxopyrrolidin-1-yl)ethyl]amino, methyl[2-(morpholin-4-yl)ethyl]amino, methylamino, methyloxy, methylsulfanyl, morpholin-4-yl, morpholin-4-ylamino, nitrilomethyl, prop-1-en-2-yl, propyl, propylamino, pyridin-4-yl, pyridin-2-ylsulfanyl, pyridin-4-ylamino, pyrrolidin-1-yl, pyrrolidin-3-yl, oxetan-3-yl, tetrahydrofuran-3-yl, 3,6-dihydro-2H-pyran-4-yl, tetrahydropyran-4-yl, tetrahydro-2H-pyran-4-ylamino, tetrahydro-2H-pyran-4-yloxy,

2-aminopyrimidin-5-yl, 1,3-dimethyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl, 3-fluoro-2-oxo-1,2-dihydropyridin-5-yl, 2-oxo-1,2-dihydropyridin-5-yl, 3-thienyl and thiomorpholin-4-yl,

R^3 is hydrogen or methyl,

R^4 is selected from the group consisting of hydrogen, chlorine, fluorine, -OH, cyano, methyl, methoxy, trifluoromethyl, trifluoromethoxy and NH_2,

R^5 is selected from the group consisting of hydrogen, chlorine, fluorine, -OH, cyano, methyl, methoxy and trifluoromethyl,

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl and methoxy,

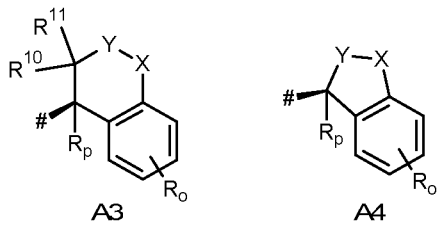
Q is selected from the group consisting of phenyl, 1,3-benzothiazol-4-yl, 1,3-benzothiazol-7-yl, 1,3-benzoxazol-7-yl, 1H-indol-4-yl, 1-methyl-1H-benzimidazol-6-yl, 2,5-bis(trifluoromethyl)phenyl, 2,3,4-trifluorophenyl, 2,3,5-trichlorophenyl, 2,3,5-trifluorophenyl, 2,3,6-trifluorophenyl, 2,3-dichlorophenyl, 2,3-dichloro-5-cyanophenyl, 2,3-dichloro-5-hydroxyphenyl, 2,3-dihydro-1-benzofuran-7-yl, 2,3-difluorophenyl, 2,4,5-trifluorophenyl, 2,4,6-trifluoro-3-methoxyphenyl, 2,4-difluoro-3-hydroxyphenyl, 2,4-difluoro-3-methoxyphenyl, 2,5-dichlorophenyl, 2-chloro-5-cyanophenyl, 2-chloro-5-methylphenyl, 2,5-difluoro-4-methoxyphenyl, 2,6-difluorophenyl, 2-chloro-6-methylpyridin-4-yl, 3-methylpyridin-4-yl, 2,6-dimethylpyridin-4-yl, 2-chloro-3-fluorophenyl, 2-chloro-4-(dimethylamino)phenyl, 2-chloro-4-fluorophenyl, 2-chloro-5-fluorophenyl, 2-chloro-6-fluorophenyl, 2-chlorophenyl, 2-chloropyridin-4-yl, 3-chloropyridin-4-yl, 2,3-dichloropyridin-4-yl, 2,5-dichloropyridin-4-yl, 2,6-dichloropyridin-4-yl, 3,5-dichloropyridin-4-yl, 2,6-difluoropyridin-4-yl, 3,5-difluoropyridin-4-yl, 2-chloro-3-fluoropyridin-4-yl, 2-cyanopyridin-4-yl, 3-chloro-2-methoxypyridin-4-yl, 5-chloro-2-methoxypyridin-4-yl, 5-fluoro-2-methoxypyridin-4-yl, 5-fluoro-2-isopropyloxypyridin-4-yl, 2,3-dimethoxypyridin-4-yl, 2,6-dimethoxypyridin-4-yl, 2-fluoro-5-methylphenyl, 3-fluoro-5-methylphenyl, 2-fluoro-3-(trifluoromethoxy)phenyl, 2-fluoro-3-(trifluoromethyl)phenyl, 5-fluoro-2-(trifluoromethyl)phenyl, 3-cyano-5-methylphenyl, 2-fluoropyridin-4-yl, 2-ethoxy-5-fluoropyridin-4-yl, 2-(hydroxymethyl)pyridin-4-yl, 2-methylypyridin-4-yl, 2-methoxypyridin-4-yl, 3-methoxypyridin-4-yl, 2-aminopyridin-4-yl, 2-morpholin-4-ylpyridin-4-yl, 3-(dimethylamino)-2,4-difluorophenyl, 3-(dimethylamino)phenyl, 3-(methylamino)phenyl, 3-(trifluoromethyly)phenyl, 3-(trifluoromethoxy)phenyl, 3,4,5-trifluorophenyl, 3,4-dichloro-5-(dimethylamino)phenyl, 3,4-dichlorophenyl, 3,4-difluoro-2-methoxyphenyl, 3,4-difluorophenyl, 3,5-dichloro-4-(dimethylamino)phenyl, 3,5-dichloro-4-fluorophenyl, 3,5-dichlorophenyl, 3,5-difluorophenyl, 4-(difluoromethoxy)-3,5-difluorophenyl, 2,5-dimethylphenyl, 3,5-dimethylphenyl, 3-tert-butyl-5-methylphenyl, 5-tert-butyl-2-chloro-3-methylphenyl, 3-chloro-2-fluoro-5-methylphenyl, 3-chloro-2-

fluorophenyl, 3-chloro-2-methylphenyl, 3-chloro-4-(dimethylamino)-5-fluorophenyl, 3-chloro-4-(dimethylamino)phenyl, 3-chloro-4-fluorophenyl, 3-chloro-4-methylphenyl, 3-chloro-5-(dimethylamino)phenyl, 3-chloro-5-(methylsulfanyl)phenyl, 3-chloro-5-(morpholin-4-yl)phenyl, 2-chloro-3-(trifluoromethyl)phenyl, 2-methyl-5-(trifluoromethyl)phenyl, 3-chloro-5-(trifluoromethyl)phenyl, 3-chloro-5-ethylphenyl, 3-chloro-5-fluorophenyl, 3-chloro-5-methoxyphenyl, 3-chloro-5-methylphenyl, 3-chlorophenyl, 3-fluoro-2-methylphenyl, 3-fluoro-4-methoxyphenyl, 3-fluoro-5-methylphenyl, 3-fluoropyridin-2-yl, 3-fluoropyridin-4-yl, 4-chloro-3-(dimethylamino)phenyl, 4-fluoro-3-methoxyphenyl, 5-(methoxycarbonyl)-1,3-benzoxazol-7-yl, 5-chloro-2,4-difluorophenyl, 5-chloro-2-fluoro-3-methylphenyl, 5-chloro-2-fluoro-4-methylphenyl, 5-chloro-2-fluorophenyl, 5-chloro-2-methoxyphenyl, 5-fluoro-2-methylphenyl, 5-fluoro-2-methoxyphenyl, 5-chloro-1H-imidazol-2-yl, 3,5-diethylphenyl, 2-chloro-3,5-diethylphenyl, 3-chloro-2-thienyl, 4-chloro-2-thienyl, 5-chloro-2-thienyl, 2,5-dichloro-3-thienyl, 5-fluoro-2-thienyl, 5-cyano-2-thienyl, 5-cyano-4-methyl-2-thienyl, 5-methyl-2-thienyl, 2,5-dimethyl-3-thienyl, 5-(trifluoromethyl)-2-thienyl and 2-methyl-1,3-thiazol-5-yl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In accordance with an eigth embodiment of the first aspect, the present invention covers compounds of general formula (I), *supra*, in which:

A is A3 or A4



o is 0 or 1,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X is selected from the group consisting of CR^7R^8, O, S, and N-R^9,

Y is CR^7R^8 or O,

R^1 is hydrogen or C_1-C_4-alkyl,

R^2 is selected from the group consisting of

hydrogen, halogen, -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl or C_3-C_6-cycloalkenyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)- and -C(O)-NH_2 C_1-C_4-alkoxy, -NH_2, -N(C_1-C_4-alkyl)$_2$, -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl, and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy-C_1-C_4-alkyl-, C_1-C_4-alkoxy-C_1-C_4-alkyl-, -NH_2, -N(C_1-C_4-alkyl)$_2$, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, NH_2,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH and C_1-C_4-alkyl,

R^{11} is hydrogen,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl, -NH_2, -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy;

phenyl and benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, oxo, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy and C_3-C_6-cycloalkyl; and

4- to 10-membered heterocycloalkyl,

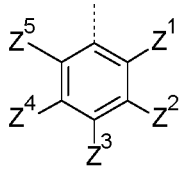
R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of -OH and -COOH; and

a 6-membered heteroaryl,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy and C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, halogen, cyano, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -S-(C_1-C_4-alkyl) and a 4- to 6-membered heterocycloalkyl, and

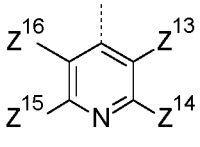
Z^3 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms and -N(C_1-C_4-alkyl)$_2$, or

Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5-membered heterocycloalkyl or a 5-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo,

Z^3 and Z^5 are hydrogen, and

Z^4 is selected from the group consisting of hydrogen and C_1-C_4-alkoxy-C(O)-, or

Q is a pyridine ring of the formula (Q4)



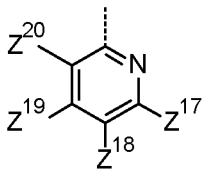
(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered

heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, $-SO_2$-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)



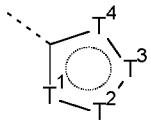
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is halogen, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

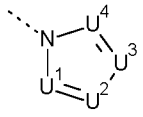
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

$U^1 – U^4$ are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of $U^1 – U^4$ are N, and wherein

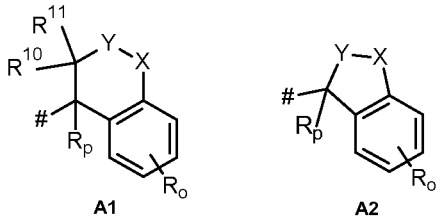
each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

Further embodiments of the first aspect of the present invention:

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

A is A1 or A2,



A1 A2

o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is hydrogen,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy, and

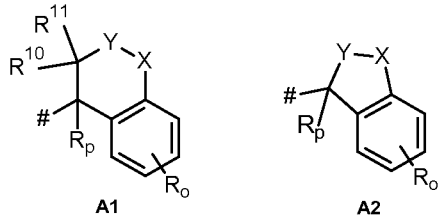
R^{11} is hydrogen,

wherein when Y is O, S or N-R^9, R^{10} is not -OH,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

A is A1 or A2,



o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy, and

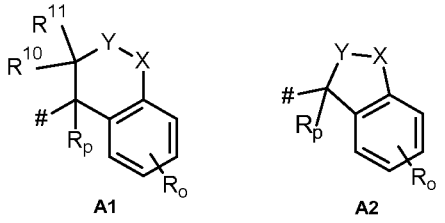
R^{11} is hydrogen,

wherein when Y is O, S or N-R^9, R^{10} is not -OH,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

A is A1 or A2,



o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is hydrogen,

X, Y are independently selected from the group consisting of CR^7R^8, O, and S,

wherein at least one of X and Y is CR^7R^8,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy, and

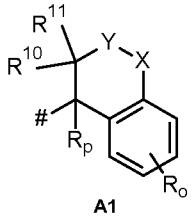
R^{11} is hydrogen,

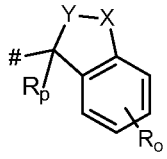
wherein when Y is O, S or N-R^9, R^{10} is not -OH,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

A is A1 or A2,


A1


A2

o is 0 or 1,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R_p is hydrogen,

X is selected from the group consisting of CR^7R^8, O, S, and N-R^9,

Y is CR^7R^8,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^9 is C_1-C_4-alkyl,

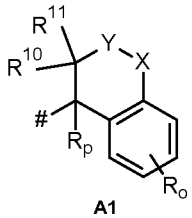
R^{10} is selected from the group consisting of hydrogen, -OH and C_1-C_4-alkyl, and

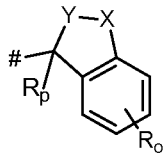
R^{11} is hydrogen,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

A is A1 or A2,


A1


A2

o is 0 or 1,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X is selected from the group consisting of CR^7R^8, O, S, and N-R^9,

Y is CR^7R^8 or O,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

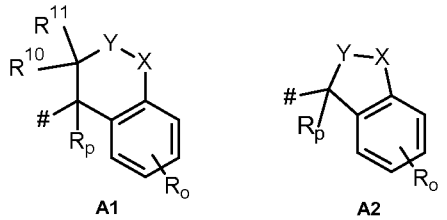
R^{10} is selected from the group consisting of hydrogen, -OH and C_1-C_4-alkyl, and

R^{11} is hydrogen,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

A is A1 or A2,



o is 0 or 1,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R_p is hydrogen,

X is selected from the group consisting of CR^7R^8, O and S, ~~and N-R^9~~,

Y is CR^7R^8 or O,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

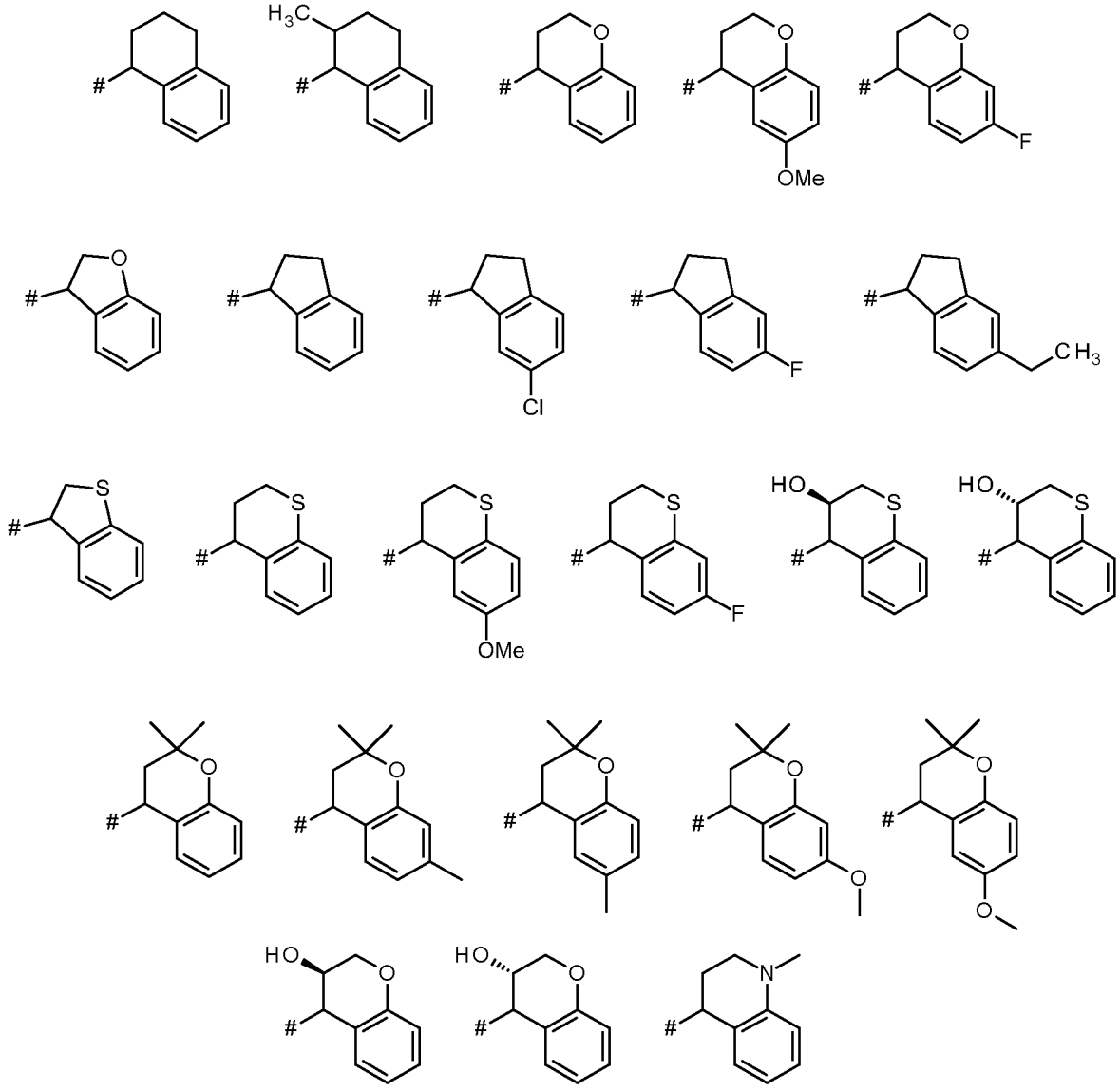
R^{10} is selected from the group consisting of hydrogen, -OH and C_1-C_4-alkyl, and

R^{11} is hydrogen,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

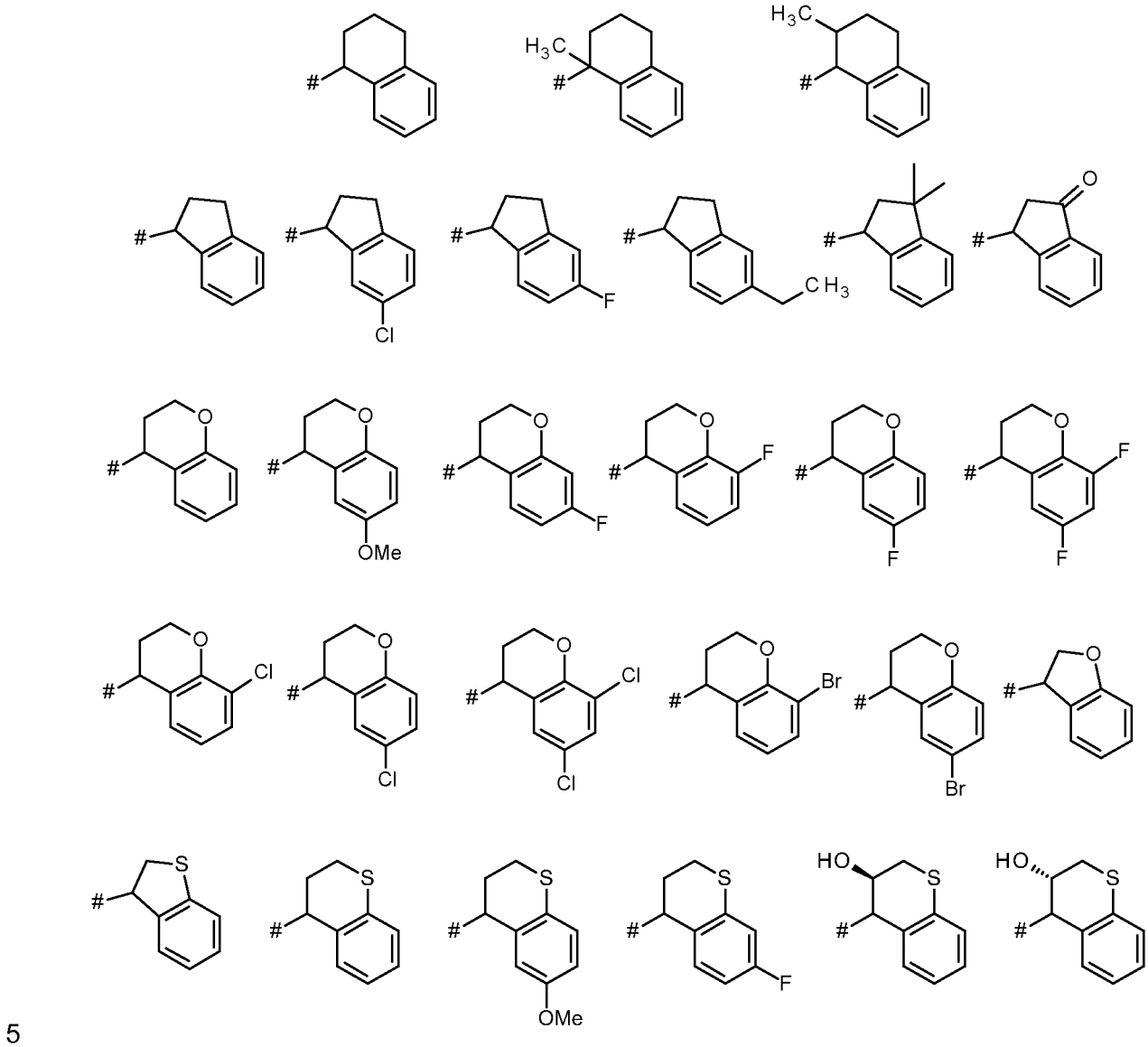
A is selected from the group consisting of



and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

A is selected from the group consisting of

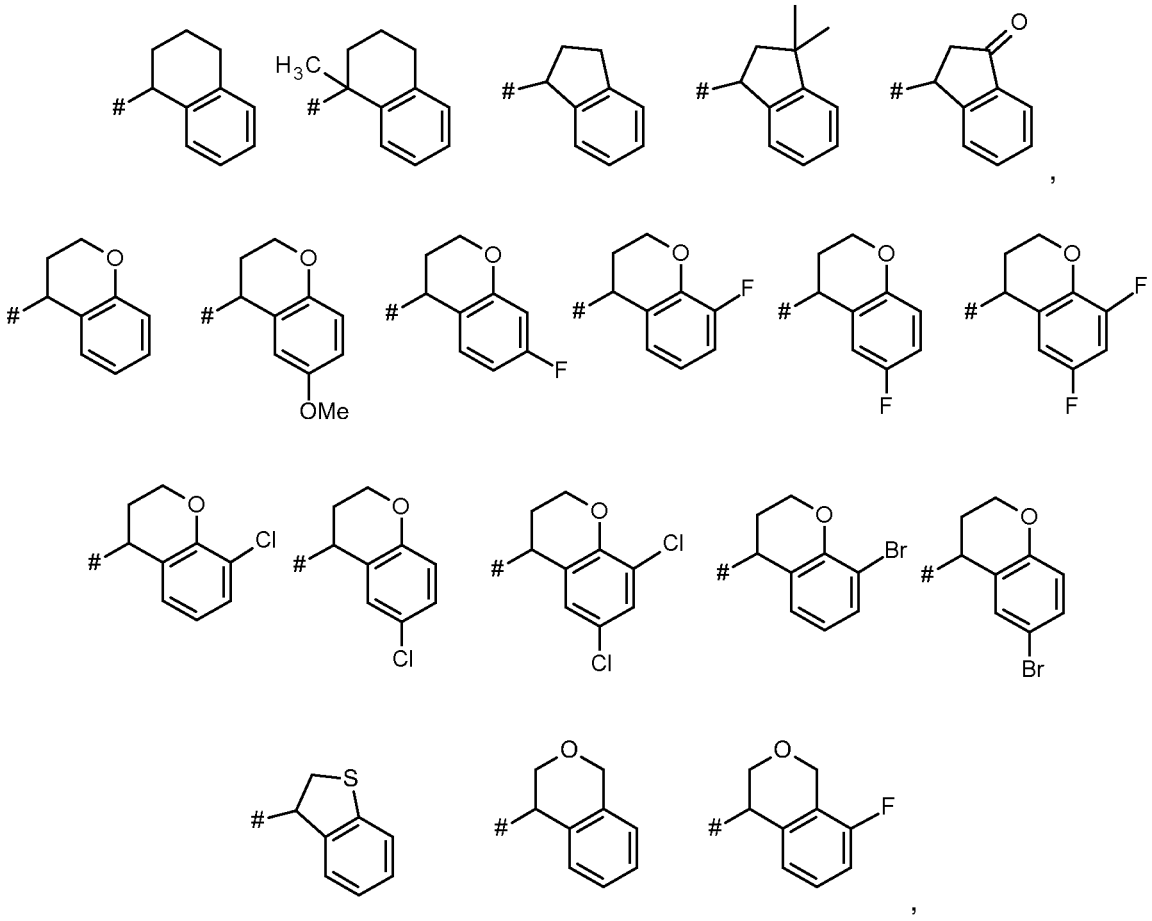


,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

A is selected from the group consisting of



and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, and 4- to 10-membered heterocycloalkyl,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)-(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl; and

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, and 4- to 10-membered heterocycloalkyl,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)-(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-

halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl; and

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^2 is selected from the group consisting of

hydrogen, halogen,

$-NR^{12}R^{13}$;

$-OR^{14}$;

$-SR^{15}$, $-S(O)R^{15}$, $-SO_2R^{15}$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl or C_3-C_6-cycloalkenyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkoxy-C(O)- and $-C(O)-NH_2$; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl, and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy-C_1-C_4-alkyl-, C_1-C_4-alkoxy-C_1-C_4-alkyl-, $-NH_2$, $-N(C_1$-C_4-alkyl$)_2$, and 4- to 10-membered heterocycloalkyl,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-N(C_1$-C_4-alkyl$)_2$, -NH-C(O)-C_1-C_4-alkyl, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl, $-NH_2$, $-N(C_1$-C_4-alkyl$)_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, and $(C_1$-C_4-alkoxy$)_2P(=O)$-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy;

phenyl and benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, oxo, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy and C_3-C_6-cycloalkyl; and

4- to 10-membered heterocycloalkyl,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of -OH and -COOH; and

a 6-membered heteroaryl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^2 is selected from the group consisting of

hydrogen, halogen, -C(O)-N(C_1-C_4-alkyl)$_2$

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl or C_3-C_6-cycloalkenyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)- and -C(O)-NH_2, C_1-C_4-alkoxy, -NH_2, -N(C_1-C_4-alkyl)$_2$, -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl); and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl, and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy-C_1-C_4-alkyl-, C_1-C_4-alkoxy-C_1-C_4-alkyl-, -NH_2, -N(C_1-C_4-alkyl)$_2$, and 4- to 10-membered heterocycloalkyl,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl, -NH_2, -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy;

phenyl and benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, oxo, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy and C_3-C_6-cycloalkyl; and

4- to 10-membered heterocycloalkyl,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of -OH and -COOH; and

a 6-membered heteroaryl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^2 is selected from the group consisting of

hydrogen, chlorine,

$-NR^{12}R^{13}$;

$-OR^{14}$;

$-SR^{15}$, $-S(O)R^{15}$, $-SO_2R^{15}$;

methyl, ethyl, propyl, isopropyl, cyclopropyl, cyclohexyl, propenyl, cyclopentenyl, cyclohexenyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of cyano, ethoxy-C(O)-, and -C(O)-NH_2; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of azetidine, pyrrolidine, pyrazolidine, imidazolidine, 1,2,4-triazolidine, piperidine, piperazine, tetrahydropyridine, dihydro-2*H*-pyrane, 1,2-oxazolidine, 1,2-oxazine, morpholine, thiomorpholine, 3,4-dihydroisoquinoline, 2,3-dihydro-indole, 1,3-dihydro-isoindoel, 3,9-dioxa-7-azabicyclo[3.3.1]nonane, 6-oxa-3-azabicyclo[3.1.1]heptane, 8-oxa-3-azabicyclo[3.2.1]octane, imidazole, pyrazole, 1,2,4-triazole, 1,2,3-triazole, 4-oxa-7-azaspiro[2.5]octane, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of fluorine, chlorine, cyano -OH, oxo, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, methyl,

methyl-C(O)-, trifluoromethyl, hydroxymethyl-, methoxymethyl-, $-NH_2$, $-NMe_2$, pyrrolidine,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-methyl), methoxy;

methyl, ethyl, propyl, isopropyl, butyl, isobutyl, cyclopropyl, cyclobutyl, benzyl, 1-phenylethyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of fluorine, -OH, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NMe_2$, -NH-C(O)-methyl, methyl, methoxy, cyclopropyl, $-NH_2$, NMe_2, S-methyl, S(O)-methyl, SO_2-methyl, and $(EtO)_2P(=O)$-;

heterocyclyl-methyl, heterocyclyl-ethyl, wherein the heterocyclyl substituent is selected from the group consisting of pyrrolidine, morpholine, pyrazole, 1, 2, 4-oxadiazole, pyridine, each of which is optionally substituted by 1 substituent independently selected from the group consisting of fluorine, chlorine, -OH, oxo and methyl;

phenyl;

2,3-dihydro-1H-indene, and

a monocyclic or a bicyclic heterocycle selected from the group of oxetane, thietane, pyrrolidine, morpholine, tetrahydropyrane, pyridine and pyrazole, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, chlorine, -OH, oxo, methyl;

R^{14} is selected from the group consisting of

methyl, ethyl, isopropyl, butyl, cyclopentyl, benzyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, -OH, methyl, methoxy and cyclopentyl; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of pyrrolidin and tetrahydropyran,

R^{15} is selected from the group consisting of

methyl and ethyl, each of which is optionally substituted by 1substituent independently selected from the group consisting of -OH and -COOH; and

pyridine,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^2 is selected from the group consisting of

hydrogen, chlorine, iodine, -C(O)-$N(CH_3)_2$,

$-NR^{12}R^{13}$;

$-OR^{14}$;

$-SR^{15}$, $-S(O)R^{15}$, $-SO_2R^{15}$;

methyl, ethyl, propyl, isopropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, ethenyl, propenyl, cyclopentenyl, cyclohexenyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of –OH, cyano, ethoxy-C(O)-, -C(O)-NH_2, methoxy, NH_2, $N(CH_3)_2$, $N(CH_3)(C(O)CH_3)$; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of azetidine, oxetane pyrrolidine, tetrahydrofurane, pyrazolidine, imidazolidine, 1,2,4-triazolidine, piperidine, piperazine, tetrahydropyridine, dihydro-2*H*-pyrane, 1,2-oxazolidine, 1,2-oxazine, morpholine, thiomorpholine, 3,4-dihydroisoquinoline, 2,3-dihydro-indole, 1,3-dihydro-isoindoel, 3,9-dioxa-7-azabicyclo[3.3.1]nonane, 6-oxa-3-azabicyclo[3.1.1]heptane, 8-oxa-3-azabicyclo[3.2.1]octane, thiophene, imidazole, pyrazole, 1,2,4-triazole, 1,2,3-triazole, 1,2,3,4-tetrazole, pyridine, dihydropyridine pyrimidine, tetrahydropyrimidine, 4-oxa-7-azaspiro[2.5]octane, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of fluorine, chlorine, cyano -OH, oxo, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, methyl, methyl-C(O)-, difluoromethyl, trifluoromethyl, hydroxymethyl-, methoxymethyl-, -NH_2, -NMe_2, pyrrolidine,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-methyl), methoxy;

methyl, ethyl, propyl, isopropyl, butyl, isobutyl, cyclopropyl, cyclobutyl, benzyl, 1-phenylethyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of fluorine, -OH, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, -C(O)-NMe_2, -NH-C(O)-methyl, methyl, methoxy, cyclopropyl, -NH_2, NMe_2, S-methyl, S(O)-methyl, SO_2-methyl, and $(EtO)_2P(=O)$-;

heterocyclyl-methyl, heterocyclyl-ethyl, wherein the heterocyclyl substituent is selected from the group consisting of oxetane, tetrahydrofurane, tetrahydropyrane pyrrolidine, morpholine, pyrazole, imidazole, 1, 2, 4-oxadiazole, pyridine, each of which is optionally

substituted by 1 substituent independently selected from the group consisting of fluorine, chlorine, -OH, oxo and methyl;

phenyl;

2,3-dihydro-1H-indene, and

a monocyclic or a bicyclic heterocycle selected from the group of oxetane, thietane, pyrrolidine, morpholine, tetrahydropyrane, pyridine and pyrazole, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, chlorine, -OH, oxo, methyl;

R^{14} is selected from the group consisting of

methyl, ethyl, isopropyl, butyl, cyclopentyl, benzyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, -OH, methyl, methoxy and cyclopentyl; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of pyrrolidin and tetrahydropyran,

R^{15} is selected from the group consisting of

methyl and ethyl, each of which is optionally substituted by 1substituent independently selected from the group consisting of -OH and -COOH; and

pyridine,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R_p is hydrogen or C_1-C_4-alkyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R_p is hydrogen or methyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^3 is hydrogen or C_1-C_4-alkyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^3 is hydrogen or methyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^4 is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, NH_2,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^4 is selected from the group consisting of hydrogen, chlorine, fluorine, cyano, methyl, methoxy and trifluoromethyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^4 is selected from the group consisting of hydrogen, chlorine, fluorine, -OH, cyano, methyl, methoxy, trifluoromethyl, trifluoromethoxy and NH_2,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^5 is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^5 is selected from the group consisting of hydrogen, chlorine, fluorine and methyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^5 is selected from the group consisting of hydrogen, chlorine, fluorine, -OH, cyano, methyl, methoxy and trifluoromethyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^6 is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine and methyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

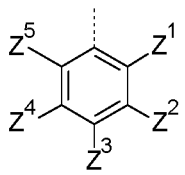
In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl and methoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1, Z^2, Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), or

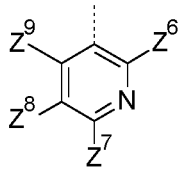
Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5- or 6-membered heterocycloalkyl, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, or

Z^2 and Z^3 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^1, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q2)

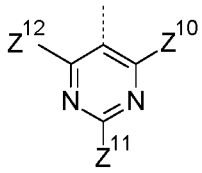


(Q2)

in which:

Z^6, Z^7, Z^8 and Z^9 are independently selected from the group consisting of hydrogen halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyrimidine ring of the formula (Q3)

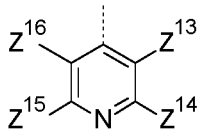


(Q3)

in which:

Z^{10}, Z^{11} and Z^{12} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyridine ring of the formula (Q4)

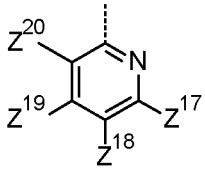


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)



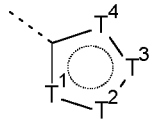
(Q5)

in which:

Z^{17}, Z^{18}, Z^{19} and Z^{20} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5

halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

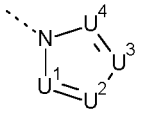
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

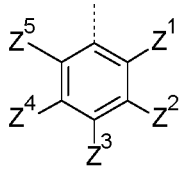
U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, halogen, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -S-(C_1-C_4-alkyl) and a 4- to 6-membered heterocycloalkyl, and

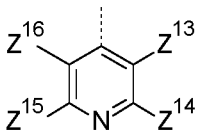
Z^3 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy and -N(C_1-C_4-alkyl)$_2$, or

Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5-membered heterocycloalkyl or a 5-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo,

Z^3 and Z^5 are hydrogen, and

Z^4 is selected from the group consisting of hydrogen and C_1-C_4-alkoxy-C(O)-, or

Q is a pyridine ring of the formula (Q4)



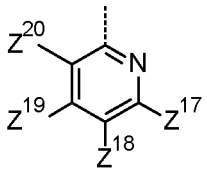
(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2

or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, $-SO_2$-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)



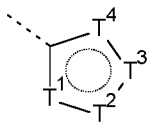
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is halogen, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

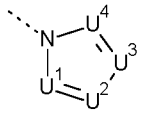
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

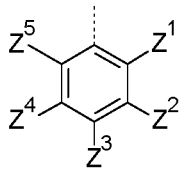
U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy and C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, halogen, cyano, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -S-(C_1-C_4-alkyl) and a 4- to 6-membered heterocycloalkyl, and

Z^3 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms and -N(C_1-C_4-alkyl)$_2$, or

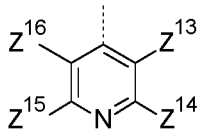
Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5-membered heterocycloalkyl or a 5-membered heteroaryl, each of which may be

optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo,

Z^3 and Z^5 are hydrogen, and

Z^4 is selected from the group consisting of hydrogen and C_1-C_4-alkoxy-C(O)-, or

Q is a pyridine ring of the formula (Q4)

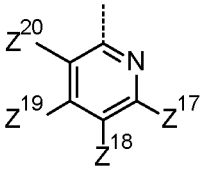


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)



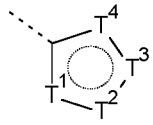
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is halogen, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

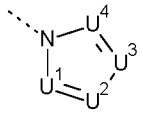
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

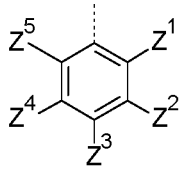
U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

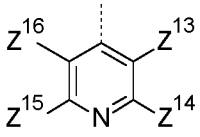
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl and methoxy,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, methyl, ethyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)

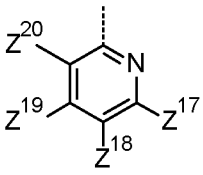


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe -NMe_2, -NH-C(O)-Me, morpholinyl, or

Q is a pyridine ring of the formula (Q5)



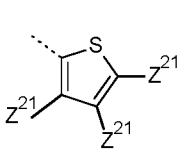
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is fluorine, chlorine, or

Q is selected from the group consisting of



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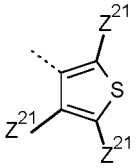

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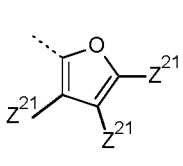

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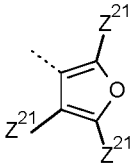

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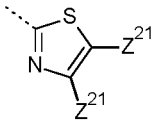
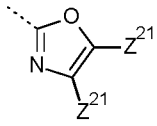


(Q6-5)



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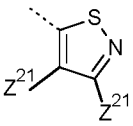

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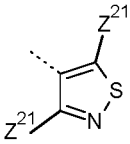

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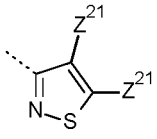

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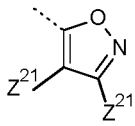
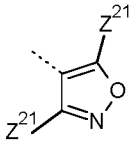


(Q6-10)



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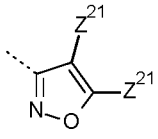

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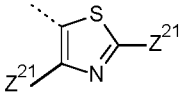

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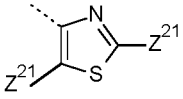

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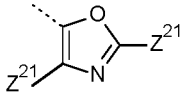

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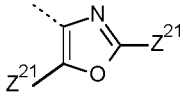

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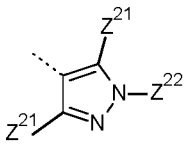

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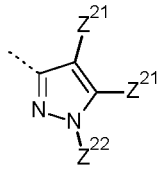

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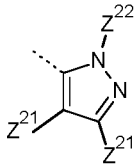

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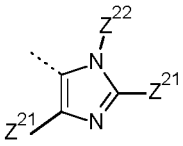

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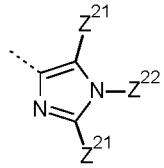

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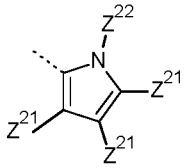

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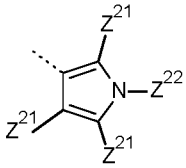

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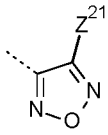

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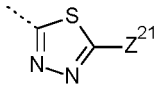

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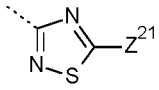

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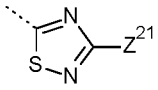

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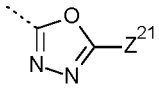

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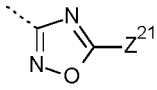

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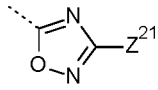

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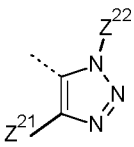

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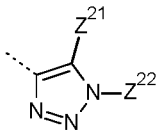
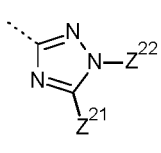
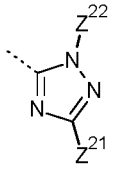


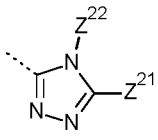
(Q6-32)



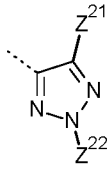
(Q6-33)



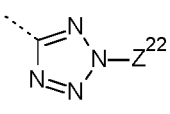
(Q6-34)



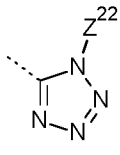
(Q6-35)



(Q6-36)



(Q6-37)



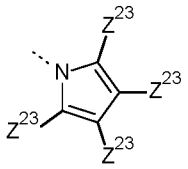
(Q6-38)

in which:

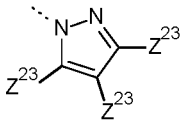
each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy and

Z^{22} is hydrogen, methyl, or

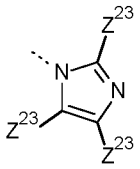
Q is selected from the group consisting of



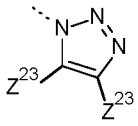
(Q7-1)



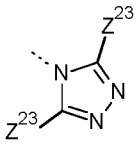
(Q7-2)



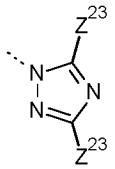
(Q7-3)



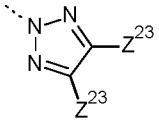
(Q7-4)



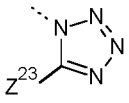
(Q7-5)



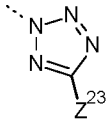
(Q7-6)



(Q7-7)



(Q7-8)

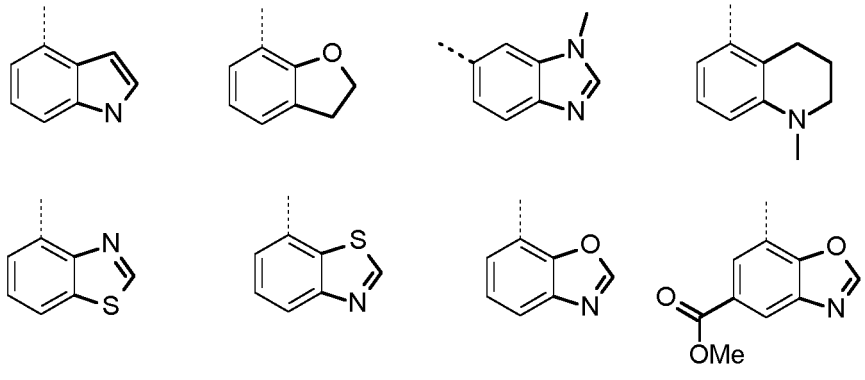


(Q7-9)

in which:

each Z^{23} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy, or

Q is selected from the group consisting of

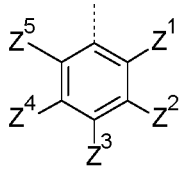


,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

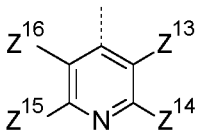
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy and trifluoromethyl,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)

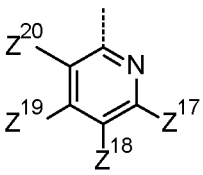


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe $-NMe_2$, -NH-C(O)-Me, morpholinyl, or

Q is a pyridine ring of the formula (Q5)



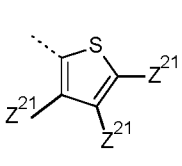
(Q5)

in which:

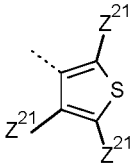
Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is fluorine, chlorine, or

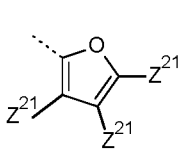
Q is selected from the group consisting of



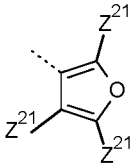
(Q6-1)



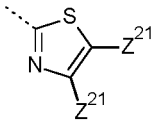
(Q6-2)



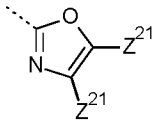
(Q6-3)



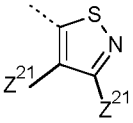
(Q6-4)



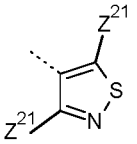
(Q6-5)



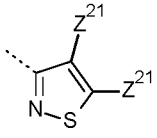
(Q6-6)



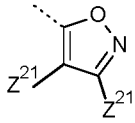
(Q6-7)



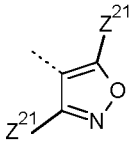
(Q6-8)



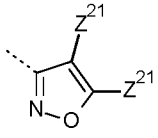
(Q6-9)



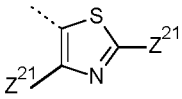
(Q6-10)



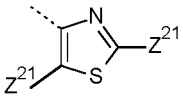
(Q6-11)



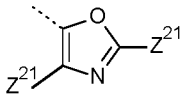
(Q6-12)



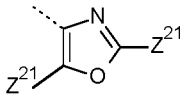
(Q6-13)



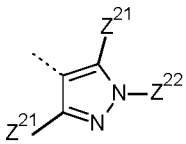
(Q6-14)



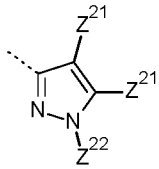
(Q6-15)



(Q6-16)



(Q6-17)



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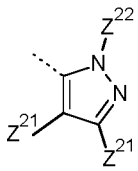
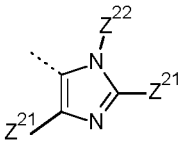


(Q6-19)



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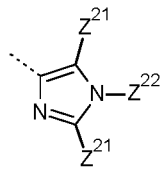
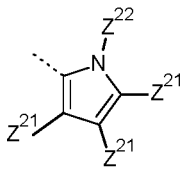
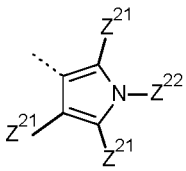


(Q6-21)



(Q6-22)



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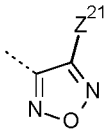
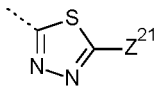


(Q6-24)



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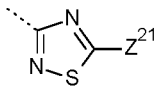

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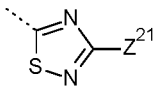
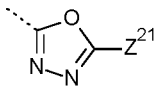
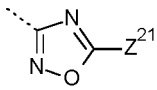


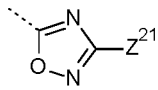
(Q6-27)



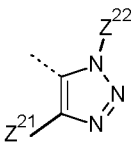
(Q6-28)



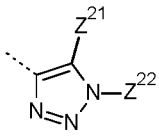
(Q6-29)



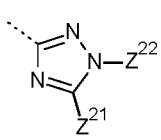
(Q6-30)



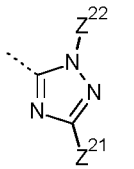
(Q6-31)



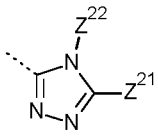
(Q6-32)



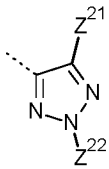
(Q6-33)



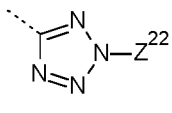
(Q6-34)



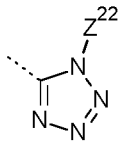
(Q6-35)



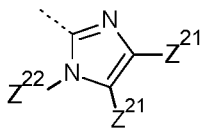
(Q6-36)



(Q6-37)



(Q6-38) or



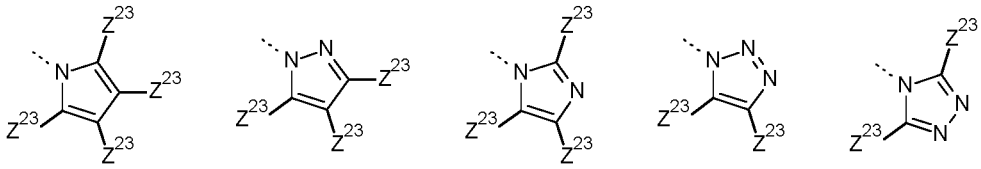
(Q6-39)

in which:

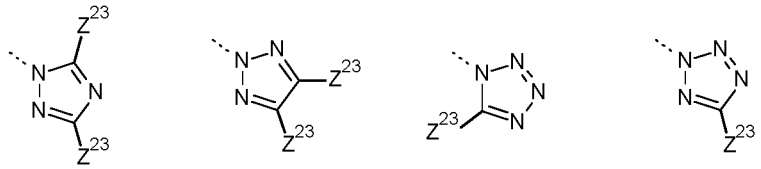
each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy and

Z^{22} is hydrogen, methyl, or

Q is selected from the group consisting of



(Q7-1) (Q7-2) (Q7-3) (Q7-4) (Q7-5)

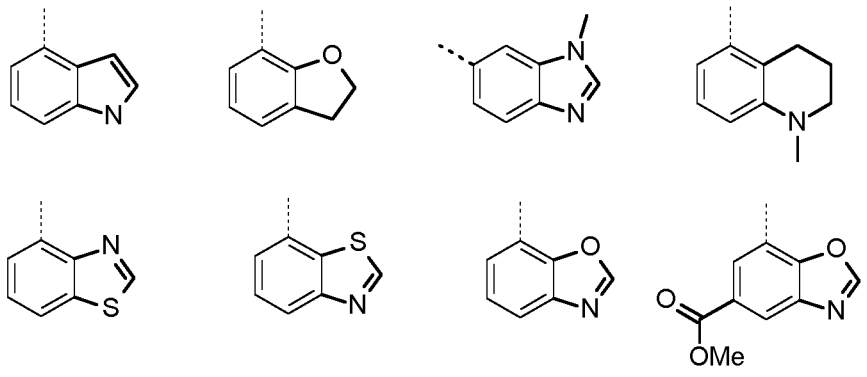


(Q7-6) (Q7-7) (Q7-8) (Q7-9)

in which:

each Z^{23} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy, or

Q is selected from the group consisting of

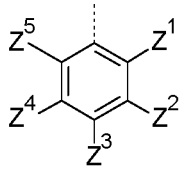


,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which:

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

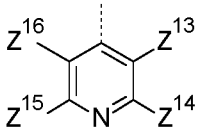
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy and trifluoromethyl,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)

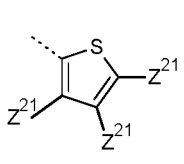


(Q4)

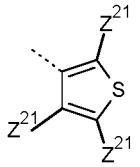
in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe $-NMe_2$, -NH-C(O)-Me, morpholinyl, or

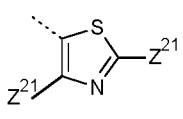
Q is selected from the group consisting of



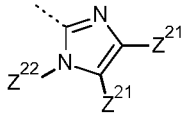
(Q6-1)



(Q6-2)



(Q6-13) or



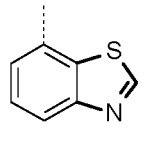
(Q6-39)

in which:

each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy and

Z^{22} is hydrogen, methyl, or

Q is selected from the group consisting of

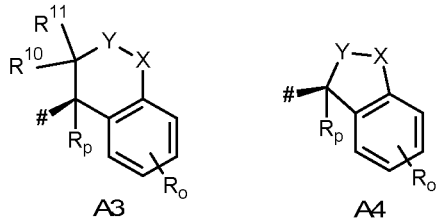


,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further embodiment of the first aspect, the present invention covers compounds of formula (I), *supra*, in which

A is A3 or A4



wherein

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl; preferably hydrogen,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In a further aspect of the present invention in any or all of the embodiments according to the first to eighth aspect (including the embodiments under the heading "further embodiments of the first aspect of the present invention") in the definition of X and/or Y "NR^9" as defined *supra* is excluded.

In a further aspect of the present invention in any or all of the embodiments according to the first to eighth aspect (including the embodiments under the heading "further embodiments of the first aspect of the present invention") in the definition of R^2 hydrogen is excluded.

In a particular further embodiment of the first aspect, the present invention covers combinations of two or more of the above mentioned embodiments under the heading "further embodiments of the first aspect of the present invention".

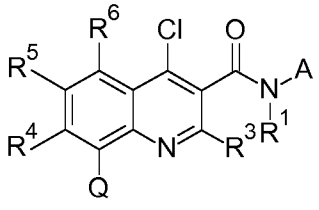
The present invention covers any sub-combination within any embodiment or aspect of the present invention of compounds of general formula (I), *supra*.

The present invention covers the compounds of general formula (I) which are disclosed in the Example Section of this text, *infra*.

The compounds according to the invention of general formula (I) can be prepared according to the schemes 1a-e, 2, 3 and 4 as shown in the Experimental Section to the present invention (General Procedures). The schemes and procedures described illustrate synthetic routes to the compounds of general formula (I) of the invention and are not intended to be limiting. It is clear to the person skilled in the art that the order of transformations as exemplified in schemes 1a-e, 2 and 3 can be modified in various ways. The order of transformations exemplified in these schemes is therefore not intended to be limiting. In addition, interconversion of any of the substituents, Q, A, R^1, R^2, R^3, R^4, R^5 or R^6 can be achieved before and/or after the exemplified transformations. These modifications can be such as the introduction of protecting groups, cleavage of protecting groups, reduction or oxidation of functional groups, halogenation, metallation, substitution or other reactions known to the person skilled in the art. These transformations include those which introduce a functionality which allows for further interconversion of substituents. Appropriate protecting groups and their introduction and cleavage are well-known to the person skilled in the art (see for example T.W. Greene and P.G.M. Wuts in *Protective Groups in Organic Synthesis*, 3rd edition, Wiley 1999). Specific examples are described in the subsequent paragraphs.

In the following, several routes for the preparation of compounds of general formula (I) are described in schemes 1a-e and 2.

In accordance with a second aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1N** :



1N,

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) as defined *supra*,

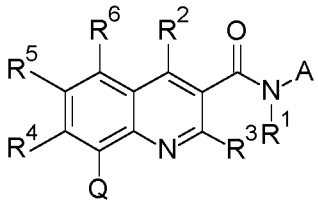
to react with a compound of general formula **1F** :

R^2H

1F,

in which R^2 is $NR^{12}R^{13}$, OR^{14}, or SR^{15}, each as defined for the compound of general formula (I) as defined *supra*,

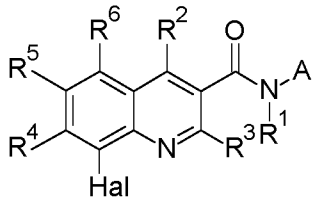
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined *supra*.

In accordance with an alternative embodiment of the second aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1T** :



1T,

in which A, R^1, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) as defined *supra*, and in which Hal is halogen, particularly chlorine, bromine or iodine,

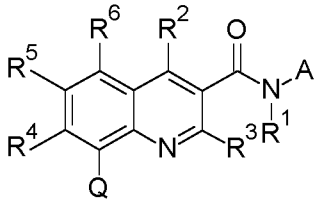
to react with a compound of general formula **1H** :

$Q\text{-}B(OR)_2$

1H,

in which Q is as defined for the compound of general formula (I) as defined *supra*, and each R may be individually H or Me or both R are pinacolate,

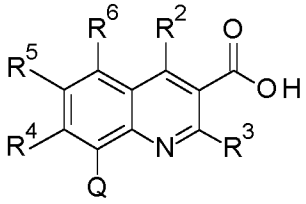
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined *supra*.

In accordance with an alternative embodiment of the second aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1W** :



1W,

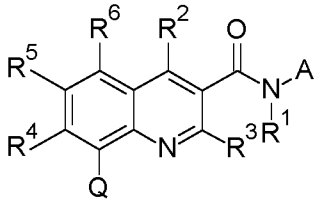
in which Q, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) as defined *supra*,

to react with a compound of general formula **1M** :

1M,

in which R^1 and A are as defined for the compound of general formula (I) as defined *supra*,

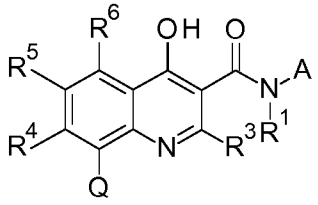
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined *supra*.

In accordance with an alternative embodiment of the second aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1X** :



1X,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) as defined *supra*,

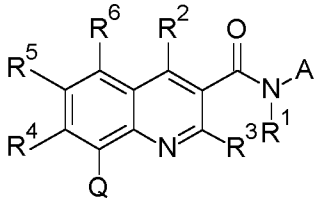
to react with a compound of general formula **1Y** :

R^2H

1Y,

in which R^2 is OR^{14} as defined for the compound of general formula (I) as defined *supra*,

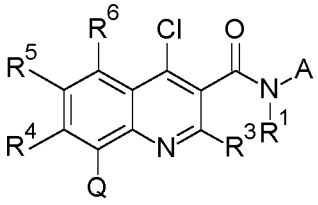
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined *supra* and R^2 is C^1-C^4-alkoxy which is optionally substituted as defined *supra.*

In accordance with an alternative embodiment of the second aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1N** :



1N,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) as defined *supra*,

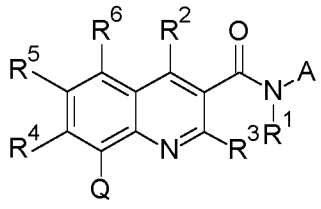
to react with a compound of general formula **2A** :

R^2Met-X

2A,

in which R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) as defined *supra*, Met is magnesium or zinc, and X is chlorine, bromine or iodine,

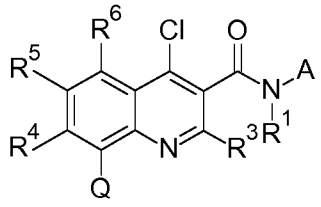
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined *supra* and R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined *supra*.

In accordance with a third aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1N** :



1N,

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) as defined *supra*,

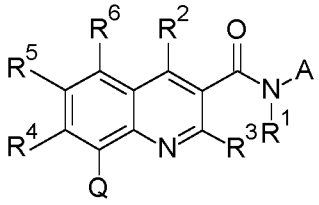
to react with a compound of general formula **1F** :

R^2H

1F,

in which R^2 is $NR^{12}R^{13}$, OR^{14}, or SR^{15}, each as defined for the compound of general formula (I) as defined *supra*,

thereby giving a compound of general formula (I) :

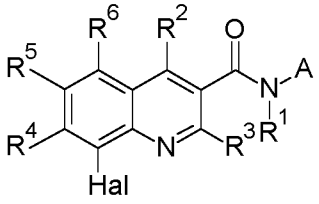


(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined *supra*,

then optionally converting said compound into solvates, salts and/or solvates of such salts using the corresponding (i) solvents and/or (ii) bases or acids.

In accordance with an alternative embodiment of the third aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1T** :



1T,

in which A, R^1, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) as defined *supra*, and in which Hal is halogen, particularly chlorine, bromine or iodine,

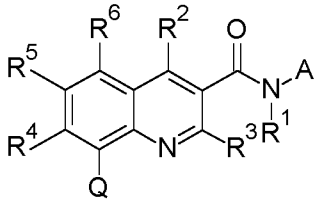
to react with a compound of general formula **1H** :

$$Q\text{-}B(OR)_2$$

1H,

in which Q is as defined for the compound of general formula (I) as defined *supra*, and each R may be individually H or Me or both R are pinacolate,

thereby giving a compound of general formula (I) :

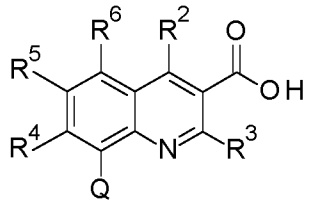


(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined *supra,*

then optionally converting said compound into solvates, salts and/or solvates of such salts using the corresponding (i) solvents and/or (ii) bases or acids.

In accordance with an alternative embodiment of the third aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1W** :



1W,

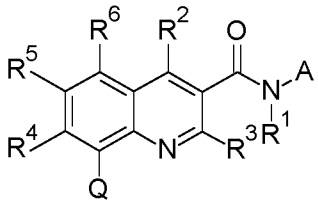
in which Q, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) as defined *supra*,

to react with a compound of general formula **1M** :

1M,

in which R^1 and A are as defined for the compound of general formula (I) as defined *supra*,

thereby giving a compound of general formula (I) :

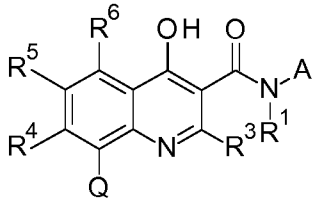


(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined *supra*,

then optionally converting said compound into solvates, salts and/or solvates of such salts using the corresponding (i) solvents and/or (ii) bases or acids.

In accordance with an alternative embodiment of the third aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1X** :



1X,

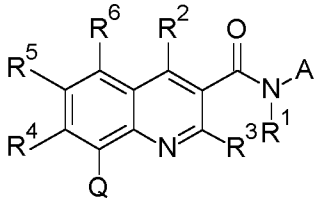
in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) as defined *supra*,

to react with a compound of general formula **1Y** :

R^2H

1Y,

in which R^2 is OR^{14} as defined for the compound of general formula (I) as defined *supra*, thereby giving a compound of general formula (I) :

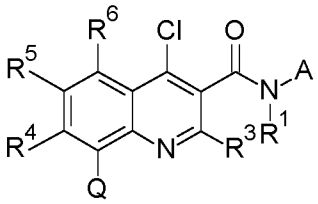


(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined *supra* and R^2 is C_1-C_4-alkoxy which is optionally substituted as defined *supra*,

then optionally converting said compound into solvates, salts and/or solvates of such salts using the corresponding (i) solvents and/or (ii) bases or acids.

In accordance with an alternative embodiment of the third aspect, the present invention covers methods of preparing compounds of general formula (I) as defined *supra*, said methods comprising the step of allowing an intermediate compound of general formula **1N** :



1N,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) as defined *supra*,

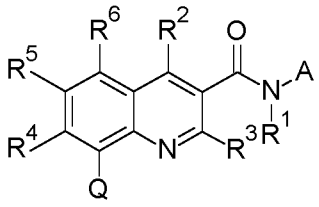
to react with a compound of general formula **2A** :

R^2Met-X

2A,

in which R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) as defined *supra*, Met is magnesium or zinc, and X is chlorine, bromine or iodine,

thereby giving a compound of general formula (I) :



(I),

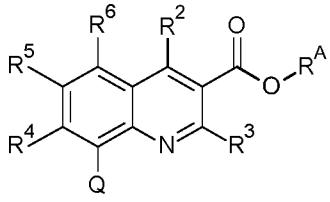
in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined *supra* and R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined *supra*,

then optionally converting said compound into solvates, salts and/or solvates of such salts using the corresponding (i) solvents and/or (ii) bases or acids.

The present invention covers methods of preparing compounds of the present invention of general formula (I), said methods comprising the steps as described in the Experimental Section herein.

In accordance with a fourth aspect, the present invention covers intermediate compounds which are useful for the preparation of the compounds of general formula (I), *supra*.

Particularly, the inventions covers the intermediate compounds of general formula (II) :



(II),

in which

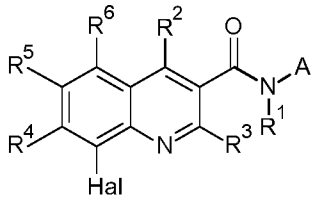
R^2 is -OH or as defined for the compound of general formula (I) *supra,*

R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) *supra*, and

R^A is H or C_1-C_4-alkyl,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

Particularly, the inventions covers also the intermediate compounds of general formula (III) :



(III),

in which

R^2 is -OH or as defined for the compound of general formula (I) *supra,*

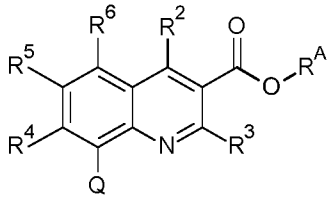
A, R^1, R^3, R^4, R^5, and R^6 are as defined for the compound of general formula (I) *supra*, and

Hal is halogen,

and stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, and mixtures of same.

In accordance with a fifth aspect, the present invention covers the use of said intermediate compounds for the preparation of a compound of general formula (I) as defined *supra*.

Particularly, the inventions covers the use of intermediate compounds of general formula (II) :



(II),

in which

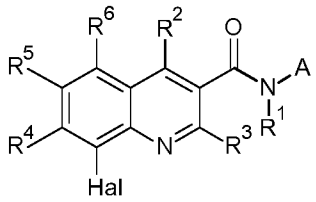
R^2 is -OH or as defined for the compound of general formula (I) *supra,*

R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) *supra*, and

R^A is H or C_1-C_4-alkyl,

for the preparation of a compound of general formula (I) as defined *supra*.

Particularly, the inventions covers also the use of intermediate compounds of general formula (III) :



(III),

in which

R^2 is -OH as defined for the compound of general formula (I) *supra*,

A, R^1, R^3, R^4, R^5, and R^6 are as defined for the compound of general formula (I) *supra*, and

Hal is halogen,

for the preparation of a compound of general formula (I) as defined *supra*.

The present invention covers the intermediate compounds which are disclosed in the Example Section of this text, *infra*.

The compounds of general formula (I) of the present invention can be converted to any salt, preferably pharmaceutically acceptable salts, as described herein, by any method which is known to the person skilled in the art. Similarly, any salt of a compound of general formula (I) of the present invention can be converted into the free compound, by any method which is known to the person skilled in the art.

Compounds of general formula (I) of the present invention demonstrate a valuable pharmacological spectrum of action, which could not have been predicted. Compounds of the present invention have surprisingly been found to effectively interact with Slo-1 and it is possible therefore that said compounds be used for the treatment or prevention of diseases, preferably helminthic infections, particulary of gastro-intestinal and extra-intestinal helminth infections, more particulary of gastro-intestinal and extra-intestinal infections with nematodes in humans and animals.

Compounds of the present invention can be utilized to control, treat and/or prevent helminth infections, in particular gastro-intestinal and extra-intestinal helminth infections. This method comprises administering to a mammal in need thereof an amount of a compound of this invention, or a pharmaceutically acceptable salt, isomer, polymorph, metabolite, hydrate, solvate or ester thereof; which is effective to treat the disorder.

In an alternative aspect, this method comprises administering to birds, namely cage birds or in particular poultry, in need thereof an amount of a compound of this invention, or a pharmaceutically acceptable salt, isomer, polymorph, metabolite, hydrate, solvate or ester thereof; which is effective to treat the disorder.

Specifically in the field of veterinary medicine, compounds of the the present invention are suitable, with favourable toxicity in warm blooded animals, for controlling parasites, in particular helminths, which occur in animal breeding and animal husbandry in livestock, breeding, zoo, laboratory, experimental and domestic animals. They are active against all or specific stages of development of the parasites, in particular of the helminths.

Agricultural livestock include, for example, mammals, such as, sheep, goats, horses, donkeys, camels, buffaloes, rabbits, reindeers, fallow deers, and in particular cattle and pigs; or poultry, such as turkeys, ducks, geese, and in particular chickens; or fish or crustaceans, e.g. in aquaculture.

Domestic animals include, for example, mammals, such as hamsters, guinea pigs, rats, mice, chinchillas, ferrets or in particular dogs, cats; cage birds; reptiles; amphibians or aquarium fish.

The present invention also provides methods of treating helminth infections, particularly gastro-intestinal and extra-intestinal helminth infections, more particularly gastro-intestinal and extra-intestinal infections with nematodes.

These disorders have been well characterized in animals, and can be treated by administering pharmaceutical compositions of the present invention.

The term “treating” or “treatment” as used in the present text is used conventionally, *e.g.,* the management or care of a subject for the purpose of combating, alleviating, reducing, relieving, improving the condition of a disease or disorder, such as a nematode infection. In particular, and particularly in the animal health or veterinary field, the term “treating” or “treatment” includes prophylactic, metaphylactic or therapeutical treatment

Helminths pathogenic for humans or animals include, for example, acanthocephala, nematodes, pentastoma and platyhelmintha (e.g. monogenea, cestodes and trematodes).

Exemplary helminths include, without any limitation:

Monogenea: e.g.: Dactylogyrus spp., Gyrodactylus spp., Microbothrium spp., Polystoma spp., Troglocephalus spp.

Cestodes: from the order of the Pseudophyllidea, for example: Bothridium spp., Diphyllobothrium spp., Diplogonoporus spp., Ichthyobothrium spp., Ligula spp., Schistocephalus spp., Spirometra spp.

from the order of the Cyclophyllida, for example: Andyra spp., Anoplocephala spp., Avitellina spp., Bertiella spp., Cittotaenia spp., Davainea spp., Diorchis spp., Diplopylidium spp.,

Dipylidium spp., Echinococcus spp., Echinocotyle spp., Echinolepis spp., Hydatigera spp., Hymenolepis spp., Joyeuxiella spp., Mesocestoides spp., Moniezia spp., Paranoplocephala spp., Raillietina spp., Stilesia spp., Taenia spp., Thysaniezia spp., Thysanosoma spp.

Trematodes: from the class of the Digenea, for example: Austrobilharzia spp., Brachylaima spp., Calicophoron spp., Catatropis spp., Clonorchis spp. Collyriclum spp., Cotylophoron spp., Cyclocoelum spp., Dicrocoelium spp., Diplostomum spp., Echinochasmus spp., Echinoparyphium spp., Echinostoma spp., Eurytrema spp., Fasciola spp., Fasciolides spp., Fasciolopsis spp., Fischoederius spp., Gastrothylacus spp., Gigantobilharzia spp., Gigantocotyle spp., Heterophyes spp., Hypoderaeum spp., Leucochloridium spp., Metagonimus spp., Metorchis spp., Nanophyetus spp., Notocotylus spp., Opisthorchis spp., Ornithobilharzia spp., Paragonimus spp., Paramphistomum spp., Plagiorchis spp., Posthodiplostomum spp., Prosthogonimus spp., Schistosoma spp., Trichobilharzia spp., Troglotrema spp., Typhlocoelum spp.

Nematodes: from the order of the Trichinellida, for example: Capillaria spp., Eucoleus spp., Paracapillaria spp., Trichinella spp., Trichomosoides spp., Trichuris spp.

from the order of the Tylenchida, for example: Micronema spp., Parastrongyloides spp., Strongyloides spp.

from the order of the Rhabditina, for example: Aelurostrongylus spp., Amidostomum spp., Ancylostoma spp., Angiostrongylus spp., Bronchonema spp., Bunostomum spp., Chabertia spp., Cooperia spp., Cooperioides spp., Crenosoma spp., Cyathostomum spp., Cyclococercus spp., Cyclodontostomum spp., Cylicocyclus spp., Cylicostephanus spp., Cylindropharynx spp., Cystocaulus spp., Dictyocaulus spp., Elaphostrongylus spp., Filaroides spp., Globocephalus spp., Graphidium spp., Gyalocephalus spp., Haemonchus spp., Heligmosomoides spp., Hyostrongylus spp., Marshallagia spp., Metastrongylus spp., Muellerius spp., Necator spp., Nematodirus spp., Neostrongylus spp., Nippostrongylus spp., Obeliscoides spp., Oesophagodontus spp., Oesophagostomum spp., Ollulanus spp.; Ornithostrongylus spp., Oslerus spp., Ostertagia spp., Paracooperia spp., Paracrenosoma spp., Parafilaroides spp., Parelaphostrongylus spp., Pneumocaulus spp., Pneumostrongylus spp., Poteriostomum spp., Protostrongylus spp., Spicocaulus spp., Stephanurus spp., Strongylus spp., Syngamus spp., Teladorsagia spp., Trichonema spp., Trichostrongylus spp., Triodontophorus spp., Troglostrongylus spp., Uncinaria spp.

from the order of the Spirurida, for example: Acanthocheilonema spp., Anisakis spp., Ascaridia spp.; Ascaris spp., Ascarops spp., Aspiculuris spp., Baylisascaris spp., Brugia spp., Cercopithifilaria spp., Crassicauda spp., Dipetalonema spp., Dirofilaria spp., Dracunculus spp.; Draschia spp., Enterobius spp., Filaria spp., Gnathostoma spp., Gongylonema spp., Habronema spp., Heterakis spp.; Litomosoides spp., Loa spp., Onchocerca spp., Oxyuris spp., Parabronema spp., Parafilaria spp., Parascaris spp., Passalurus spp., Physaloptera spp.,

Probstmayria spp., Pseudofilaria spp., Setaria spp., Skjrabinema spp., Spirocerca spp., Stephanofilaria spp., Strongyluris spp., Syphacia spp., Thelazia spp., Toxascaris spp., Toxocara spp., Wuchereria spp.

Acantocephala: from the order of the Oligacanthorhynchida, for example: Macracanthorhynchus spp., Prosthenorchis spp.; from the order of the Moniliformida, for example: Moniliformis spp.

from the order of the Polymorphida, for example: Filicollis spp.; from the order of the Echinorhynchida, for example: Acanthocephalus spp., Echinorhynchus spp., Leptorhynchoides spp.

Pentastoma: from the order of the Porocephalida, for example: Linguatula spp.

The compounds of the present invention can be used in particular in therapy and prevention, *i.e.* prophylaxis, of helminth infections, particularly gastro-intestinal and extra-intestinal helminth infections, more particularly gastro-intestinal and extra-intestinal infections with nematodes.

By using the compounds of the present invention to control animal parasites, in particular helminths, it is intended to reduce or prevent illness, cases of deaths and performance reductions (in the case of meat, milk, wool, hides, eggs, honey and the like), so that more economical and simpler animal keeping is made possible and better animal well-being is achievable.

The term “control” or "controlling", as used herein with regard to the animal health field, means that the compounds of the present invention are effective in reducing the incidence of the respective parasite in an animal infected with such parasites to innocuous levels. More specifically, "controlling", as used herein, means that the compounds of the present invention are effective in killing the respective parasite, inhibiting its growth, or inhibiting its proliferation.

In accordance with a further aspect, the present invention covers compounds of general formula (I), as described *supra*, or stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, particularly pharmaceutically acceptable salts thereof, or mixtures of same, for use in the treatment or prevention of diseases, in particular of helminth infections, particulary of gastro-intestinal and extra-intestinal helminth infections, more particulary of gastro-intestinal and extra-intestinal infections with nematodes.

The pharmaceutical activity of the compounds according to the invention can be explained by their interaction with the Slo-1 ion channel.

In accordance with a further aspect, the present invention covers the use of compounds of general formula (I), as described *supra*, or stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, particularly pharmaceutically acceptable salts thereof, or mixtures

of same, for the treatment or prevention of diseases, in particular of helminth infections, particulary of gastro-intestinal and extra-intestinal helminth infections, more particulary of gastro-intestinal and extra-intestinal infections with nematodes.

In accordance with a further aspect, the present invention covers the use of compounds of general formula (I), as described *supra*, or stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, particularly pharmaceutically acceptable salts thereof, or mixtures of same, in a method of treatment or prevention of diseases, in particular of helminth infections, particulary of gastro-intestinal and extra-intestinal helminth infections, more particulary of gastro-intestinal and extra-intestinal infections with nematodes.

In accordance with a further aspect, the present invention covers use of a compound of general formula (I), as described *supra*, or stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, particularly pharmaceutically acceptable salts thereof, or mixtures of same, for the preparation of a pharmaceutical composition, preferably a medicament, for the prevention or treatment of diseases, in particular of helminth infections, particulary of gastro-intestinal and extra-intestinal helminth infections, more particulary of gastro-intestinal and extra-intestinal infections with nematodes.

In accordance with a further aspect, the present invention covers a method of treatment or prevention of diseases, in particular of helminth infections, particularly of gastro-intestinal and extra-intestinal helminth infections, more particulary of gastro-intestinal and extra-intestinal infections with nematodes, using an effective amount of a compound of general formula (I), as described *supra*, or stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, particularly pharmaceutically acceptable salts thereof, or mixtures of same.

In accordance with a further aspect, the present invention covers compounds of general formula (I), as described *supra*, or stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, particularly pharmaceutically acceptable salts thereof, or mixtures of same, for use as an antiendoparasitical agent.

In accordance with a further aspect, the present invention covers compounds of general formula (I), as described *supra*, or stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, particularly pharmaceutically acceptable salts thereof, or mixtures of same, for use as a anthelmintic agent, in particular for use as a nematicidal agent, a platyhelminthicidal agent, an acanthocephalicidal agent, or a pentastomicidal agent.

In accordance with a further aspect, the present invention covers pharmaceutical compositions, in particular a veterinary formulation, comprising a compound of general formula (I), as described *supra*, or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, a salt thereof, particularly a pharmaceutically acceptable salt, or a mixture of same, and one or more excipients), in particular one or more pharmaceutically acceptable excipient(s). Conventional

procedures for preparing such pharmaceutical compositions in appropriate dosage forms can be utilized.

In accordance with a further aspect, the present invention covers a method for preparing a pharmaceutical composition, in particular a veterinary formulation, comprising the step of mixing a compound of general formula (I), as described *supra*, or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, a salt thereof, particularly a pharmaceutically acceptable salt, or a mixture of same, with one or more excipients), in particular one or more pharmaceutically acceptable excipient(s).

In accordance with a further aspect, the present invention covers a method of treatment or prevention of diseases, in particular of helminth infections, particularly of gastro-intestinal and extra-intestinal helminth infections, more particulary of gastro-intestinal and extra-intestinal infections with nematodes, using a pharmaceutical composition, in particular a veterinary formulation, comprising an effective amount of a compound of general formula (I), as described *supra*, or stereoisomers, tautomers, N-oxides, hydrates, solvates, and salts thereof, particularly pharmaceutically acceptable salts thereof, or mixtures of same.

The present invention furthermore covers pharmaceutical compositions, in particular veterinary formulations, which comprise at least one compound according to the invention, conventionally together with one or more pharmaceutically suitable excipients, and to their use for the above mentioned purposes.

It is possible for the compounds according to the invention to have systemic and/or local activity. For this purpose, they can be administered in a suitable manner, such as, for example, via the oral, parenteral, pulmonary, nasal, sublingual, lingual, buccal, rectal, vaginal, dermal, transdermal, conjunctival, otic route or as an implant or stent. Such administration can be carried out prophylactically, methaphylactically or therapeutically.

For these administration routes, it is possible for the compounds according to the invention to be administered in suitable administration forms.

For oral administration, it is possible to formulate the compounds according to the invention to dosage forms known in the art that deliver the compounds of the invention rapidly and/or in a modified manner, such as, for example, tablets (uncoated or coated tablets, for example with enteric or controlled release coatings that dissolve with a delay or are insoluble), orally-disintegrating tablets, films/wafers, films/lyophylisates, capsules (for example hard or soft gelatine capsules), sugar-coated tablets, granules, pellets, chewables (for example soft chewables), powders, emulsions, suspensions, aerosols or solutions. It is possible to incorporate the compounds according to the invention in crystalline and/or amorphised and/or dissolved form into said dosage forms.

Parenteral administration can be effected with avoidance of an absorption step (for example intravenous, intraarterial, intracardial, intraspinal or intralumbal) or with inclusion of absorption (for example intramuscular, subcutaneous, intracutaneous, percutaneous or intraperitoneal). Administration forms which are suitable for parenteral administration are, inter alia, preparations for injection and infusion in the form of solutions, suspensions, emulsions, lyophylisates or sterile powders.

Examples which are suitable for other administration routes are pharmaceutical forms for inhalation [inter alia powder inhalers, nebulizers], nasal drops, nasal solutions, nasal sprays; tablets/films/wafers/capsules for lingual, sublingual or buccal administration; suppositories; eye drops, eye ointments, eye baths, ocular inserts, ear drops, ear sprays, ear powders, ear-rinses, ear tampons; vaginal capsules, aqueous suspensions (lotions, mixturae agitandae), lipophilic suspensions, emulsions, ointments, creams, transdermal therapeutic systems (such as, for example, patches), milk, pastes, foams, spot-ons, dusting powders, implants or stents.

The compounds according to the invention can be incorporated into the stated administration forms. This can be effected in a manner known per se by mixing with pharmaceutically suitable excipients. Pharmaceutically suitable excipients include, inter alia,

- fillers and carriers (for example cellulose, microcrystalline cellulose (such as, for example, Avicel®), lactose, mannitol, starch, calcium phosphate (such as, for example, Di-Cafos®)),
- ointment bases (for example petroleum jelly, paraffins, triglycerides, waxes, wool wax, wool wax alcohols, lanolin, hydrophilic ointment, polyethylene glycols),
- bases for suppositories (for example polyethylene glycols, cacao butter, hard fat),
- solvents (for example water, ethanol, isopropanol, glycerol, propylene glycol, medium chain-length triglycerides fatty oils, liquid polyethylene glycols, paraffins),
- surfactants, emulsifiers, dispersants or wetters (for example sodium dodecyl sulfate), lecithin, phospholipids, fatty alcohols (such as, for example, Lanette®), sorbitan fatty acid esters (such as, for example, Span®), polyoxyethylene sorbitan fatty acid esters (such as, for example, Tween®), polyoxyethylene fatty acid glycerides (such as, for example, Cremophor®), polyoxethylene fatty acid esters, polyoxyethylene fatty alcohol ethers, glycerol fatty acid esters, poloxamers (such as, for example, Pluronic®),
- buffers, acids and bases (for example phosphates, carbonates, citric acid, acetic acid, hydrochloric acid, sodium hydroxide solution, ammonium carbonate, trometamol, triethanolamine),
- isotonicity agents (for example glucose, sodium chloride),

- adsorbents (for example highly-disperse silicas),
- viscosity-increasing agents, gel formers, thickeners and/or binders (for example polyvinylpyrrolidone, methylcellulose, hydroxypropylmethylcellulose, hydroxypropyl-cellulose, carboxymethylcellulose-sodium, starch, carbomers, polyacrylic acids (such as, for example, Carbopol®); alginates, gelatine),
- disintegrants (for example modified starch, carboxymethylcellulose-sodium, sodium starch glycolate (such as, for example, Explotab®), cross- linked polyvinylpyrrolidone, croscarmellose-sodium (such as, for example, AcDiSol®)),
- flow regulators, lubricants, glidants and mould release agents (for example magnesium stearate, stearic acid, talc, highly-disperse silicas (such as, for example, Aerosil®)),
- coating materials (for example sugar, shellac) and film formers for films or diffusion membranes which dissolve rapidly or in a modified manner (for example polyvinylpyrrolidones (such as, for example, Kollidon®), polyvinyl alcohol, hydroxypropylmethylcellulose, hydroxypropylcellulose, ethylcellulose, hydroxypropyl-methylcellulose phthalate, cellulose acetate, cellulose acetate phthalate, polyacrylates, polymethacrylates such as, for example, Eudragit®)),
- capsule materials (for example gelatine, hydroxypropylmethylcellulose),
- synthetic polymers (for example polylactides, polyglycolides, polyacrylates, polymethacrylates (such as, for example, Eudragit®), polyvinylpyrrolidones (such as, for example, Kollidon®), polyvinyl alcohols, polyvinyl acetates, polyethylene oxides, polyethylene glycols and their copolymers and blockcopolymers),
- plasticizers (for example polyethylene glycols, propylene glycol, glycerol, triacetine, triacetyl citrate, dibutyl phthalate),
- penetration enhancers,
- stabilisers (for example antioxidants such as, for example, ascorbic acid, ascorbyl palmitate, sodium ascorbate, butylhydroxyanisole, butylhydroxytoluene, propyl gallate),
- preservatives (for example parabens, sorbic acid, thiomersal, benzalkonium chloride, chlorhexidine acetate, sodium benzoate),
- colourants (for example inorganic pigments such as, for example, iron oxides, titanium dioxide),
- flavourings, sweeteners, flavour- and/or odour-masking agents.

The present invention furthermore relates to a pharmaceutical composition which comprise at least one compound according to the invention, conventionally together with one or more pharmaceutically suitable excipient(s), and to their use according to the present invention.

In accordance with another aspect, the present invention covers pharmaceutical combinations, in particular medicaments, comprising at least one compound of general formula (I) of the present invention and at least one or more further active ingredients, in particular for the treatment and/or prevention of an endo- and/or ectoparasiticidal infection.

The term “endoparasite” in the present invention is used as known to persons skilled in the art, and refers in particular to helminths. The term “ectoparasite” in the present invention is used as known to persons skilled in the art, and refers in particular to arthropods, particularly insects or acarids.

Particularly, the present invention covers a pharmaceutical combination, in particular a veterinary combination, which comprises:

- one or more first active ingredients, in particular compounds of general formula (I) as defined *supra,* and
- one or more further active ingredients, in particular one or more endo- and/or ectoparasiticides.

The term “combination” in the present invention is used as known to persons skilled in the art, it being possible for said combination to be a fixed combination, a non-fixed combination or a kit-of-parts.

A “fixed combination” in the present invention is used as known to persons skilled in the art and is defined as a combination wherein, for example, a first active ingredient, such as one or more compounds of general formula (I) of the present invention, and a further active ingredient are present together in one unit dosage or in one single entity. One example of a “fixed combination” is a pharmaceutical composition wherein a first active ingredient and a further active ingredient are present in admixture for simultaneous administration, such as in a formulation. Another example of a “fixed combination” is a pharmaceutical combination wherein a first active ingredient and a further active ingredient are present in one unit without being in admixture.

A non-fixed combination or “kit-of-parts” in the present invention is used as known to persons skilled in the art and is defined as a combination wherein a first active ingredient and a further active ingredient are present in more than one unit. One example of a non-fixed combination or kit-of-parts is a combination wherein the first active ingredient and the further active ingredient are present separately. It is possible for the components of the non-fixed combination or kit-of-parts to be administered separately, sequentially, simultaneously, concurrently or chronologically staggered.

The compounds of the present invention can be administered as the sole pharmaceutical agent or in combination with one or more other pharmaceutically active ingredients where the combination causes no unacceptable adverse effects. The present invention also covers such pharmaceutical combinations. For example, the compounds of the present invention can be combined with known ectoparasiticides and/or endoparasiticides.

The other or further active ingredients specified herein by their common names are known and described, for example, in the Pesticide Manual ("The Pesticide Manual" 16th Ed., British Crop Protection Council 2012) or can be searched in the internet (e.g. http://www.alanwood.net/pesticides). The classification is based on the current IRAC Mode of Action Classification Scheme at the time of filing of this patent application.

Examples of ectoparasiticides and/or endoparasiticides are insecticides, acaricides and nematicides, and include in particular:

(1) Acetylcholinesterase (AChE) inhibitors, such as, for example, carbamates, for example alanycarb, aldicarb, bendiocarb, benfuracarb, butocarboxim, butoxycarboxim, carbaryl, carbofuran, carbosulfan, ethiofencarb, fenobucarb, formetanate, furathiocarb, isoprocarb, methiocarb, methomyl, metolcarb, oxamyl, pirimicarb, propoxur, thiodicarb, thiofanox, triazamate, trimethacarb, XMC and xylylcarb; or organophosphates, for example acephate, azamethiphos, azinphos-ethyl, azinphos-methyl, cadusafos, chlorethoxyfos, chlorfenvinphos, chlormephos, chlorpyrifos-methyl, coumaphos, cyanophos, demeton-S-methyl, diazinon, dichlorvos/DDVP, dicrotophos, dimethoate, dimethylvinphos, disulfoton, EPN, ethion, ethoprophos, famphur, fenamiphos, fenitrothion, fenthion, fosthiazate, heptenophos, imicyafos, isofenphos, isopropyl O-(methoxyaminothiophosphoryl) salicylate, isoxathion, malathion, mecarbam, methamidophos, methidathion, mevinphos, monocrotophos, naled, omethoate, oxydemeton-methyl, parathion-methyl, phenthoate, phorate, phosalone, phosmet, phosphamidon, phoxim, pirimiphos-methyl, profenofos, propetamphos, prothiofos, pyraclofos, pyridaphenthion, quinalphos, sulfotep, tebupirimfos, temephos, terbufos, tetrachlorvinphos, thiometon, triazophos, triclorfon and vamidothion.

(2) GABA-gated chloride channel blockers, such as, for example, cyclodiene-organochlorines, for example chlordane and endosulfan or phenylpyrazoles (fiproles), for example ethiprole and fipronil.

(3) Sodium channel modulators, such as, for example, pyrethroids, e.g. acrinathrin, allethrin, d-cis-trans allethrin, d-trans allethrin, bifenthrin, bioallethrin, bioallethrin s-cyclopentenyl isomer, bioresmethrin, cycloprothrin, cyfluthrin, beta-cyfluthrin, cyhalothrin, lambda-cyhalothrin, gamma-cyhalothrin, cypermethrin, alpha-cypermethrin, beta-cypermethrin, theta-cypermethrin, zeta-cypermethrin, cyphenothrin [(1R)-trans-isomer], deltamethrin, empenthrin [(EZ)-(1R)-isomer], esfenvalerate, etofenprox, fenpropathrin, fenvalerate, flucythrinate, flumethrin, tau-fluvalinate, halfenprox, imiprothrin, kadethrin. momfluorothrin, permethrin, phenothrin [(1R)-

trans-isomer], prallethrin, pyrethrins (pyrethrum), resmethrin, silafluofen, tefluthrin, tetramethrin, tetramethrin [(1R)- isomer)], tralomethrin and transfluthrin or DDT or methoxychlor.

(4) Nicotinic acetylcholine receptor (nAChR) competitive modulators, such as, for example, neonicotinoids, e.g. acetamiprid, clothianidin, dinotefuran, imidacloprid, nitenpyram, thiacloprid and thiamethoxam or nicotine or sulfoxaflor or flupyradifurone.

(5) Nicotinic acetylcholine receptor (nAChR) allosteric modulators, such as, for example, spinosyns, e.g. spinetoram and spinosad.

(6) Glutamate-gated chloride channel (GluCl) allosteric modulators, such as, for example, avermectins/milbemycins, for example abamectin, emamectin benzoate, lepimectin and milbemectin.

(7) Juvenile hormone mimics, such as, for example, juvenile hormone analogues, e.g. hydroprene, kinoprene and methoprene or fenoxycarb or pyriproxyfen.

(9) Modulators of Chordotonal Organs, such as, for example pymetrozine or flonicamid.

(10) Mite growth inhibitors, such as, for example clofentezine, hexythiazox and diflovidazin or etoxazole.

(12) Inhibitors of mitochondrial ATP synthase, such as, ATP disruptors such as, for example, diafenthiuron or organotin compounds, for example azocyclotin, cyhexatin and fenbutatin oxide or propargite or tetradifon.

(13) Uncouplers of oxidative phosphorylation via disruption of the proton gradient, such as, for example, chlorfenapyr, DNOC and sulfluramid.

(14) Nicotinic acetylcholine receptor channel blockers, such as, for example, bensultap, cartap hydrochloride, thiocylam, and thiosultap-sodium.

(15) Inhibitors of chitin biosynthesis, type 0, such as, for example, bistrifluron, chlorfluazuron, diflubenzuron, flucycloxuron, flufenoxuron, hexaflumuron, lufenuron, novaluron, noviflumuron, teflubenzuron and triflumuron.

(16) Inhibitors of chitin biosynthesis, type 1, for example buprofezin.

(17) Moulting disruptor (in particular for Diptera, i.e. dipterans), such as, for example, cyromazine.

(18) Ecdysone receptor agonists, such as, for example, chromafenozide, halofenozide, methoxyfenozide and tebufenozide.

(19) Octopamine receptor agonists, such as, for example, amitraz.

(20) Mitochondrial complex III electron transport inhibitors, such as, for example, hydramethylnone or acequinocyl or fluacrypyrim.

(21) Mitochondrial complex I electron transport inhibitors, such as, for example from the group of the METI acaricides, e.g. fenazaquin, fenpyroximate, pyrimidifen, pyridaben, tebufenpyrad and tolfenpyrad or rotenone (Derris).

(22) Voltage-dependent sodium channel blockers, such as, for example indoxacarb or metaflumizone.

(23) Inhibitors of acetyl CoA carboxylase, such as, for example, tetronic and tetramic acid derivatives, e.g. spirodiclofen, spiromesifen and spirotetramat.

(25) Mitochondrial complex II electron transport inhibitors, such as, for example, *beta*-ketonitrile derivatives, e.g. cyenopyrafen and cyflumetofen and carboxanilides, such as, for example, pyflubumide.

(28) Ryanodine receptor modulators, such as, for example, diamides, e.g. chlorantraniliprole, cyantraniliprole and flubendiamide,

further active ingredients such as, for example, Afidopyropen, Afoxolaner, Azadirachtin, Benclothiaz, Benzoximate, Bifenazate, Broflanilide, Bromopropylate, Chinomethionat, Chloroprallethrin, Cryolite, Cyclaniliprole, Cycloxaprid, Cyhalodiamide, Dicloromezotiaz, Dicofol, epsilon-Metofluthrin, epsilon-Momfluthrin, Flometoquin, Fluazaindolizine, Fluensulfone, Flufenerim, Flufenoxystrobin, Flufiprole, Fluhexafon, Fluopyram, Fluralaner, Fluxametamide, Fufenozide, Guadipyr, Heptafluthrin, Imidaclothiz, Iprodione, kappa-Bifenthrin, kappa-Tefluthrin, Lotilaner, Meperfluthrin, Paichongding, Pyridalyl, Pyrifluquinazon, Pyriminostrobin, Spirobudiclofen, Tetramethylfluthrin, Tetraniliprole, Tetrachlorantraniliprole, Tioxazafen, Thiofluoximate, Triflumezopyrim and iodomethane; furthermore preparations based on *Bacillus firmus* (I-1582, BioNeem, Votivo), and also the following compounds: 1-{2-fluoro-4-methyl-5-[(2,2,2-trifluoroethyl)sulphinyl]phenyl}-3-(trifluoromethyl)-1H-1,2,4-triazole-5-amine (known from WO2006/043635) (CAS 885026-50-6), {1'-[(2E)-3-(4-chlorophenyl)prop-2-en-1-yl]-5-fluorospiro[indol-3,4'-piperidin]-1(2H)-yl}(2-chloropyridin-4-yl)methanone (known from WO2003/106457) (CAS 637360-23-7), 2-chloro-N-[2-{1-[(2E)-3-(4-chlorophenyl)prop-2-en-1-yl]piperidin-4-yl}-4-(trifluoromethyl)phenyl]isonicotinamide (known from WO2006/003494) (CAS 872999-66-1), 3-(4-chloro-2,6-dimethylphenyl)-4-hydroxy-8-methoxy-1,8-diazaspiro[4.5]dec-3-en-2-one (known from WO 2010052161) (CAS 1225292-17-0), 3-(4-chloro-2,6-dimethylphenyl)-8-methoxy-2-oxo-1,8-diazaspiro[4.5]dec-3-en-4-yl ethyl carbonate (known from EP2647626) (CAS 1440516-42-6) , 4-(but-2-yn-1-yloxy)-6-(3,5-dimethylpiperidin-1-yl)-5-fluoropyrimidine (known from WO2004/099160) (CAS 792914-58-0), PF1364 (known from JP2010/018586) (CAS 1204776-60-2), N-[(2E)-1-[(6-chloropyridin-3-yl)methyl]pyridin-2(1H)-ylidene]-2,2,2-trifluoroacetamide (known from WO2012/029672) (CAS 1363400-41-2), (3*E*)-3-

[1-[(6-chloro-3-pyridyl)methyl]-2-pyridylidene]-1,1,1-trifluoro-propan-2-one (known from WO2013/144213) (CAS 1461743-15-6), , *N*-[3-(benzylcarbamoyl)-4-chlorophenyl]-1-methyl-3-(pentafluoroethyl)-4-(trifluoromethyl)-1*H*-pyrazole-5-carboxamide (known from WO2010/051926) (CAS 1226889-14-0), 5-bromo-4-chloro-*N*-[4-chloro-2-methyl-6-(methylcarbamoyl)phenyl]-2-(3-chloro-2-pyridyl)pyrazole-3-carboxamide (known from CN103232431) (CAS 1449220-44-3), 4-[5-(3,5-dichlorophenyl)-4,5-dihydro-5-(trifluoromethyl)-3-isoxazolyl]-2-methyl-*N*-(*cis*-1-oxido-3-thietanyl)-benzamide, 4-[5-(3,5-dichlorophenyl)-4,5-dihydro-5-(trifluoromethyl)-3-isoxazolyl]-2-methyl-*N*-(*trans*-1-oxido-3-thietanyl)-benzamide and 4-[(5*S*)-5-(3,5-dichlorophenyl)-4,5-dihydro-5-(trifluoromethyl)-3-isoxazolyl]-2-methyl-*N*-(*cis*-1-oxido-3-thietanyl)benzamide (known from WO 2013/050317 A1) (CAS 1332628-83-7), *N*-[3-chloro-1-(3-pyridinyl)-1*H*-pyrazol-4-yl]-*N*-ethyl-3-[(3,3,3-trifluoropropyl)sulfinyl]-propanamide, (+)-*N*-[3-chloro-1-(3-pyridinyl)-1*H*-pyrazol-4-yl]-*N*-ethyl-3-[(3,3,3-trifluoropropyl)sulfinyl]-propanamide and (-)-*N*-[3-chloro-1-(3-pyridinyl)-1*H*-pyrazol-4-yl]-*N*-ethyl-3-[(3,3,3-trifluoropropyl)sulfinyl]-propanamide (known from WO 2013/162715 A2, WO 2013/162716 A2, US 2014/0213448 A1) (CAS 1477923-37-7), 5-[[(2*E*)-3-chloro-2-propen-1-yl]amino]-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1*H*-pyrazole-3-carbonitrile (known from CN 101337937 A) (CAS 1105672-77-2), 3-bromo-*N*-[4-chloro-2-methyl-6-[(methylamino)thioxomethyl]phenyl]-1-(3-chloro-2-pyridinyl)-1*H*-pyrazole-5-carboxamide, (Liudaibenjiaxuanan, known from CN 103109816 A) (CAS 1232543-85-9); *N*-[4-chloro-2-[[(1,1-dimethylethyl)amino]carbonyl]-6-methylphenyl]-1-(3-chloro-2-pyridinyl)-3-(fluoromethoxy)-1*H*-Pyrazole-5-carboxamide (known from WO 2012/034403 A1) (CAS 1268277-22-0), *N*-[2-(5-amino-1,3,4-thiadiazol-2-yl)-4-chloro-6-methylphenyl]-3-bromo-1-(3-chloro-2-pyridinyl)-1*H*-pyrazole-5-carboxamide (known from WO 2011/085575 A1) (CAS 1233882-22-8), 4-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propen-1-yl)oxy]phenoxy]propoxy]-2-methoxy-6-(trifluoromethyl)-pyrimidine (known from CN 101337940 A) (CAS 1108184-52-6); (2*E*)- and 2(*Z*)-2-[2-(4-cyanophenyl)-1-[3-(trifluoromethyl)phenyl]ethylidene]-*N*-[4-(difluoromethoxy)phenyl]-hydrazinecarboxamide (known from CN 101715774 A) (CAS 1232543-85-9); 3-(2,2-dichloroethenyl)-2,2-dimethyl-4-(1*H*-benzimidazol-2-yl)phenyl-cyclopropanecarboxylic acid ester (known from CN 103524422 A) (CAS 1542271-46-4); (4a*S*)-7-chloro-2,5-dihydro-2-[[(methoxycarbonyl)[4-[(trifluoromethyl)thio]phenyl]amino]carbonyl]-indeno[1,2-*e*][1,3,4] oxadiazine-4a(3*H*)-carboxylic acid methyl ester (known from CN 102391261 A) (CAS 1370358-69-2); 6-deoxy-3-*O*-ethyl-2,4-di-*O*-methyl-, 1-[*N*-[4-[1-[4-(1,1,2,2,2-pentafluoroethoxy) phenyl]-1*H*-1,2,4-triazol-3-yl]phenyl]carbamate]-α-L-mannopyranose (known from US 2014/0275503 A1) (CAS 1181213-14-8); 8-(2-cyclopropylmethoxy-4-trifluoromethyl-phenoxy)-3-(6-trifluoromethyl-pyridazin-3-yl)-3-aza-bicyclo[3.2.1]octane (CAS 1253850-56-4), (8-*anti*)-8-(2-cyclopropylmethoxy-4-trifluoromethyl-phenoxy)-3-(6-trifluoromethyl-pyridazin-3-yl) -3-aza-bicyclo[3.2.1]octane (CAS 933798-27-7), (8-*syn*)-8-(2-cyclopropylmethoxy-4-trifluoromethyl-phenoxy)-3-(6-trifluoromethyl-pyridazin-3-yl)-3-aza-bicyclo[3.2.1]octane (known

from WO 2007040280 A1, WO 2007040282 A1) (CAS 934001-66-8), N-[3-chloro-1-(3-pyridinyl)-1H-pyrazol-4-yl]-N-ethyl-3-[(3,3,3-trifluoropropyl)thio]-propanamide (known from WO 2015/058021 A1, WO 2015/058028 A1) (CAS 1477919-27-9), N-[4-(aminothioxomethyl)-2-methyl-6-[(methylamino)carbonyl]phenyl]-3-bromo-1-(3-chloro-2-pyridinyl)-1*H*-pyrazole-5-carboxamide (known from CN 103265527 A) (CAS 1452877-50-7), 5-(1,3-dioxan-2-yl)-4-[[4-(trifluoromethyl)phenyl]methoxy]-pyrimidine (known from WO 2013/115391 A1) (CAS 1449021-97-9), 3-(4-chloro-2,6-dimethylphenyl)-4-hydroxy-8-methoxy-1-methyl-1,8-diazaspiro[4.5]dec-3-en-2-one (known from WO 2010/066780 A1, WO 2011/151146 A1) (CAS 1229023-34-0), 3-(4-chloro-2,6-dimethylphenyl)-8-methoxy-1-methyl-1,8-diazaspiro[4.5]decane-2,4-dione (known from WO 2014/187846 A1) (CAS 1638765-58-8), 3-(4-chloro-2,6-dimethylphenyl)-8-methoxy-1-methyl-2-oxo-1,8-diazaspiro[4.5]dec-3-en-4-yl-carbonic acid ethyl ester (known from WO 2010/066780 A1, WO 2011151146 A1) (CAS 1229023-00-0), N-[1-[(6-chloro-3-pyridinyl)methyl]-2(1*H*)-pyridinylidene]-2,2,2-trifluoro-acetamide (known from DE 3639877 A1, WO 2012029672 A1) (CAS 1363400-41-2), [N(*E*)]-N-[1-[(6-chloro-3-pyridinyl)methyl]-2(1H)-pyridinylidene]-2,2,2-trifluoro-acetamide, (known from WO 2016005276 A1) (CAS 1689566-03-7), [N(*Z*)]-N-[1-[(6-chloro-3-pyridinyl)methyl]-2(1H)-pyridinylidene]-2,2,2-trifluoro-acetamide, (CAS 1702305-40-5), 3-*endo*-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-[[5-(trifluoromethyl)-2-pyridinyl]oxy]-9-azabicyclo[3.3.1]nonane (known from WO 2011/105506 A1, WO 2016/133011 A1) (CAS 1332838-17-1).

Active ingredients with unknown or non-specific mode of action, e.g., fentrifanil, fenoxacrim, cycloprene, chlorobenzilate, chlordimeform, flubenzimine, dicyclanil, amidoflumet, quinomethionate, triarathene, clothiazoben, tetrasul, potassium oleate, petroleum, metoxadiazone, gossyplure, flutenzin, bromopropylate, cryolite;

Active ingredients from other classes, e.g. butacarb, dimetilan, cloethocarb, phosphocarb, pirimiphos (-ethyl), parathion (-ethyl), methacrifos, isopropyl o-salicylate, trichlorfon, sulprofos, propaphos, sebufos, pyridathion, prothoate, dichlofenthion, demeton-S-methylsulphone, isazofos, cyanofenphos, dialifos, carbophenothion, autathiofos, aromfenvinfos (-methyl), azinphos (-ethyl), chlorpyrifos (-ethyl), fosmethilan, iodofenphos, dioxabenzofos, formothion, fonofos, flupyrazofos, fensulfothion, etrimfos;

organochlorines, e.g. camphechlor, lindane, heptachlor; or phenylpyrazoles, e.g. acetoprole, pyrafluprole, pyriprole, vaniliprole, sisapronil; or isoxazolines, e.g. sarolaner, afoxolaner, lotilaner, fluralaner;

pyrethroids, e.g. (cis-, trans-), metofluthrin, profluthrin, flufenprox, flubrocythrinate, fubfenprox, fenfluthrin, protrifenbute, pyresmethrin, RU15525, terallethrin, cis-resmethrin, heptafluthrin, , bioethanomethrin, biopermethrin, fenpyrithrin, cis-cypermethrin, cis-permethrin, clocythrin, cyhalothrin (lambda-), chlovaporthrin, or halogenated carbonhydrogen compounds (HCHs);

neonicotinoids, e.g. nithiazine;

dicloromezotiaz, triflumezopyrim;

macrocyclic lactones, e.g. nemadectin, ivermectin, latidectin, moxidectin, selamectin, eprinomectin, doramectin, emamectin benzoate; milbemycin oxime;

triprene, epofenonane, diofenolan;

Biologicals, hormones or pheromones, for example natural products, e.g. thuringiensin, codlemone or neem components;

dinitrophenols, e.g. dinocap, dinobuton, binapacryl;

benzoylureas, e.g. fluazuron, penfluron;

amidine derivatives, e.g. chlormebuform, cymiazole, demiditraz;

Bee hive varroa acaricides, for example organic acids, e.g. formic acid, oxalic acid.

Non-limiting examples of insecticides and acaricides of particular interest for use in animal health are and include in particular [i.e. Mehlhorn et al Encyclpaedic Reference of Parasitology 4th edition (ISBN 978-3-662-43978-4)]:

Effectors at arthropod ligand gated chloride channels: chlordane, heptachlor, endoculfan. Dieldrin, bromocyclen, toxaphene, lindane, fipronil, pyriprole, sisapronil, afoxolaner, fluralaner, sarolaner, lotilaner, fluxametamide, broflanilide, avermectin, doramectin, eprinomectin, ivermectin, milbemycin, moxidectin, selamectin;

Modulators of arthropod octopaminergic receptors: amitraz, BTS27271, cymiazole, demiditraz;

Effectors at arthropod voltage-gated sodium channels: DDT, methoxychlor, metaflumizone, indoxacarb, cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I, pyrethrin II, allethrin, alphacypermethrin, bioallethrin, betacyfluthrin, cyfluthrin, cyhalothrin, cypermethrin, deltamethrin, etofenprox, fenvalerate, flucythrinate, flumethrin, halfenprox, permethrin, phenothrin, resmethrin, tau-fluvalinate, tetramethrin;

Effectors at arthropod nicotinic cholinergic synapses (acetylcholine esterase, acetylcholine receptors): bromoprypylate, bendiocarb, carbaryl, methomyl, promacyl, propoxur, azamethiphos, chlorfenvinphos, chlorpyrifos, coumaphos, cythioate, diazinon, diclorvos, dicrotophos, dimethoate, ethion, famphur, fenitrothion, fenthion, heptenophos, malathion, naled, phosmet, phoxim, phtalofos, propetamphos, temephos, tetrachlorvinphos, trichlorfon, imidacloprid, nitenpyram, dinotefuran, spinosad, spinetoram;

Effectors on arthropod development processes: cyromazine, dicyclanil, diflubenzuron, fluazuron, lufenuron, triflumuron, fenoxycarb, hydroprene, methoprene, pyriproxyfen, fenoxycarb, hydroprene, S-methoprene, pyriproxyfen.

Exemplary active ingredients from the group of endoparasiticides, as a further or other active ingredient in the present invention, include, without limitation, anthelmintically active compounds and antiprotozoal active compounds.

Anthelmintically active compounds, including, without limitation, the following nematicidally, trematicidally and/or cestocidally active compounds:

from the class of macrocyclic lactones, for example: eprinomectin, abamectin, nemadectin, moxidectin, doramectin, selamectin, lepimectin, latidectin, milbemectin, ivermectin, emamectin, milbemycin;

from the class of benzimidazoles and probenzimidazoles, for example: oxibendazole, mebendazole, triclabendazole, thiophanate, parbendazole, oxfendazole, netobimin, fenbendazole, febantel, thiabendazole, cyclobendazole, cambendazole, albendazole-sulphoxide, albendazole, flubendazole;

from the class of depsipeptides, preferably cyclic depsipetides, in particular 24-membered cyclic depsipeptides, for example: emodepside, PF1022A;

from the class of tetrahydropyrimidines, for example: morantel, pyrantel, oxantel;

from the class of imidazothiazoles, for example: butamisole, levamisole, tetramisole;

from the class of aminophenylamidines, for example: amidantel, deacylated amidantel (dAMD), tribendimidine;

from the class of aminoacetonitriles, for example: monepantel;

from the class of paraherquamides, for example: paraherquamide, derquantel;

from the class of salicylanilides, for example: tribromsalan, bromoxanide, brotianide, clioxanide, closantel, niclosamide, oxyclozanide, rafoxanide;

from the class of substituted phenols, for example: nitroxynil, bithionol, disophenol, hexachlorophene, niclofolan, meniclopholan;

from the class of organophosphates, for example: trichlorfon, naphthalofos, dichlorvos/DDVP, crufomate, coumaphos, haloxon;

from the class of piperazinones / quinolines, for example: praziquantel, epsiprantel;

from the class of piperazines, for example: piperazine, hydroxyzine;

from the class of tetracyclines, for example: tetracyclin, chlorotetracycline, doxycyclin, oxytetracyclin, rolitetracyclin;

from diverse other classes, for example: bunamidine, niridazole, resorantel, omphalotin, oltipraz, nitroscanate, nitroxynile, oxamniquine, mirasan, miracil, lucanthone, hycanthone,

hetolin, emetine, diethylcarbamazine, dichlorophen, diamfenetide, clonazepam, bephenium, amoscanate, clorsulon.

Antiprotozoal active ingredients in the present invention, including, without limitation, the following active ingredients:

from the class of triazines, for example: diclazuril, ponazuril, letrazuril, toltrazuril;

from the class of polylether ionophore, for example: monensin, salinomycin, maduramicin, narasin;

from the class of macrocyclic lactones, for example: milbemycin, erythromycin;

from the class of quinolones, for example: enrofloxacin, pradofloxacin;

from the class of quinines, for example: chloroquine;

from the class of pyrimidines, for example: pyrimethamine;

from the class of sulfonamides, for example: sulfaquinoxaline, trimethoprim, sulfaclozin;

from the class of thiamines, for example: amprolium;

from the class of lincosamides, for example: clindamycin;

from the class of carbanilides, for example: imidocarb;

from the class of nitrofuranes, for example: nifurtimox;

from the class of quinazolinone alkaloids, for example: halofuginon;

from diverse other classes, for example: oxamniquin, paromomycin;

from the class of vaccines or antigenes from microorganisms, for example: Babesia canis rossi, Eimeria tenella, Eimeria praecox, Eimeria necatrix, Eimeria mitis, Eimeria maxima, Eimeria brunetti, Eimeria acervulina, Babesia canis vogeli, Leishmania infantum, Babesia canis canis, Dictyocaulus viviparus.

All named other or further active ingredients in the present invention can, if their functional groups enable this, optionally form salts with suitable bases or acids.

Based upon standard laboratory techniques known to evaluate compounds useful for the treatment of helminth infections, by standard toxicity tests and by standard pharmacological assays for the determination of treatment of the conditions identified above in animals, and by comparison of these results with the results of known active ingredients or medicaments that are used to treat these conditions, the effective dosage of the compounds of the present invention can readily be determined for treatment of each desired indication. The amount of the active ingredient to be administered in the treatment of one of these conditions can vary

widely according to such considerations as the particular compound and dosage unit employed, the mode of administration, the period of treatment, the age and sex of the subject treated, and the nature and extent of the condition treated.

The total amount of the active ingredient to be administered will generally range from about 0.001 mg/kg to about 200 mg/kg body weight per day, and preferably from about 0.01 mg/kg to about 20 mg/kg body weight per day. Clinically useful dosing schedules will range from one to three times a day dosing to once every four weeks dosing. In addition, it is possible for "drug holidays", in which a subject is not dosed with a drug for a certain period of time, to be beneficial to the overall balance between pharmacological effect and tolerability. Furthermore, it is possible to have long-acting treatments, wherein the subject gets treated once for more than four weeks. It is possible for a unit dosage to contain from about 0.5 mg to about 1500 mg of active ingredient, and can be administered one or more times per day or less than once a day. The average daily dosage for administration by injection, including intravenous, intramuscular, subcutaneous and parenteral injections, and use of infusion techniques will preferably be from 0.01 to 200 mg/kg of total body weight. The average daily rectal dosage regimen will preferably be from 0.01 to 200 mg/kg of total body weight. The average daily vaginal dosage regimen will preferably be from 0.01 to 200 mg/kg of total body weight. The average daily topical dosage regimen will preferably be from 0.1 to 200 mg administered between one to four times daily. The transdermal concentration will preferably be that required to maintain a daily dose of from 0.01 to 200 mg/kg. The average daily inhalation dosage regimen will preferably be from 0.01 to 100 mg/kg of total body weight.

Of course the specific initial and continuing dosage regimen for each subject will vary according to the nature and severity of the condition as determined by the attending diagnostician, the activity of the specific compound employed, the age and general condition of the subject, time of administration, route of administration, rate of excretion of the drug, drug combinations, and the like. The desired mode of treatment and number of doses of a compound of the present invention or a pharmaceutically acceptable salt or ester or composition thereof can be ascertained by those skilled in the art using conventional treatment tests.

EXPERIMENTAL SECTION

Abbreviations:

aq.	aqueous
DMF	dimethylformamide
DMSO	dimethylsulfoxide

MTBE	methyl-*t*.-butylether
THF	tetrahydrofurane

The various aspects of the invention described in this application are illustrated by the following examples which are not meant to limit the invention in any way.

The example testing experiments described herein serve to illustrate the present invention and the invention is not limited to the examples given.

EXPERIMENTAL SECTION - GENERAL PART

All reagents, for which the synthesis is not described in the experimental part, are either commercially available, or are known compounds or may be formed from known compounds by known methods by a person skilled in the art.

The compounds and intermediates produced according to the methods of the invention may require purification. Purification of organic compounds is well known to the person skilled in the art and there may be several ways of purifying the same compound. In some cases, no purification may be necessary. In some cases, the compounds may be purified by crystallization. In some cases, impurities may be stirred out using a suitable solvent. In some cases, the compounds may be purified by chromatography, particularly flash column chromatography, using for example prepacked silica gel cartridges, e.g. Biotage SNAP cartidges KP-Sil® or KP-NH® in combination with a Biotage autopurifier system (SP4® or Isolera Four®) and eluents such as gradients of hexane/ethyl acetate or dichloromethane/methanol. In some cases, the compounds may be purified by preparative HPLC using for example a Waters autopurifier equipped with a diode array detector and/or on-line electrospray ionization mass spectrometer in combination with a suitable prepacked reverse phase column and eluents such as gradients of water and acetonitrile which may contain additives such as trifluoroacetic acid, formic acid or aqueous ammonia.

In some cases, purification methods as described above can provide those compounds of the present invention which possess a sufficiently basic or acidic functionality in the form of a salt, such as, in the case of a compound of the present invention which is sufficiently basic, a trifluoroacetate or formate salt for example, or, in the case of a compound of the present invention which is sufficiently acidic, an ammonium salt for example. A salt of this type can either be transformed into its free base or free acid form, respectively, by various methods known to the person skilled in the art, or be used as salts in subsequent biological assays. It is

to be understood that the specific form (e.g. salt, free base etc.) of a compound of the present invention as isolated and as described herein is not necessarily the only form in which said compound can be applied to a biological assay in order to quantify the specific biological activity.

ANALYTICAL AND CHROMATOGRAPHY METHODS

Analytical and preparative liquid chromatography

Analytical (UP)LC-MS was performed by means of different equipments as described below. The masses (m/z) are reported from the positive mode electrospray ionisation unless the negative mode is indicated (ESI-).

Method L0:

Measurement of logP values was performed according to EEC directive 79/831 Annex V.A8 by HPLC (High Performance Liquid Chromatography) on reversed phase columns with the following methods:

[a] logP value is determined by measurement of LC-UV, in an acidic range, with 0.1% formic acid in water and acetonitrile as eluent (linear gradient from 10% acetonitrile to 95% acetonitrile).

[b] logP value is determined by measurement of LC-UV, in a neutral range, with 0.001 molar ammonium acetate solution in water and acetonitrile as eluent (linear gradient from 10% acetonitrile to 95% acetonitrile).

Calibration was done with straight-chain alkan-2-ones (with 3 to 16 carbon atoms) with known logP values (measurement of logP values using retention times with linear interpolation between successive alkanones). Lambda-max-values were determined using UV-spectra from 200 nm to 400 nm and the peak values of the chromatographic signals.

M+1 (or M+H) means the molecular ion peak, plus or minus 1 a.m.u. (atomic mass unit) respectively, as observed in mass spectroscopy by electrospray ionization (ESI + or -).

Method L1:

Instrument type: Waters ACQUITY SQD UPLC system; column: Waters Acquity UPLC HSS T3 1.8 µ 50 x 1 mm; eluent A: 1 l water + 0.25 ml formic acid, eluent B: 1 l acetonitrile + 0.25 ml

formic acid; gradient: 0.0 min 90% A → 1.2 min 5% A → 2.0 min 5% A oven: 50°C; flow: 0.40 ml/min; UV-detection: 208 – 400 nm.

Method L2:

MS instrument type: Agilent Technologies 6130 Quadrupole LC-MS; HPLC instrument type: Agilent Technologies 1260 Infinity; column: Waters XSelect (C18, 50x2.1mm, 3.5µ); flow: 0.8 mL/min; column temp: 35°C; eluent A: 0.1% formic acid in acetonitrile; eluent B: 0.1% formic acid in water; lin. gradient: t=0 min 5% A, t=3.5 min 98% A, t=6 min 98% A; detection: DAD (220-320 nm); detection: MSD (ESI pos/neg) mass range: 100 – 800; detection: ELSD (PL-ELS 2100): gas flow 1.2 mL/min, gas temp: 70°C, neb: 50°C.

Method L3:

MS instrument type: Agilent Technologies LC/MSD SL; HPLC instrument type: Agilent Technologies 1100 Series; column: Waters XSelect (C18, 50x2.1mm, 3.5µ; flow: 0.8 mL/min; column temp: 25°C; eluent A: 95% acetonitrile + 5% 10 mM ammoniumbicarbonate in water; eluent B: 10 mM ammoniumbicarbonate in water pH=9.0; lin. gradient: t=0 min 5% A, t=3.5 min 98% A, t=6 min 98% A; detection: DAD (220-320 nm); detection: MSD (ESI pos/neg) mass range: 100-800.

Method L4:

Instrument type: Waters ACQUITY SQD UPLC System; column: Waters Acquity UPLC HSS T3 1.8 µ 50 x 1 mm; eluent A: 1 l water + 0.25 ml 99%ige formic acid , Eluent B: 1 l acetonitrile + 0.25 ml 99%ige formic acid; gradient: 0.0 min 95% A → 6.0 min 5% A → 7.5 min 5% A oven: 50°C; flow: 0.35 ml/min; UV-detection: 210 – 400 nm.

Method L5:

MS instrument type: Waters SQD; Instrument HPLC: Waters UPLC; column: Zorbax SB-Aq (Agilent), 50 mm x 2.1 mm, 1.8 µm; eluent A: water + 0.025% formic acid, eluent B: acetonitrile (ULC) + 0.025% formic acid; gradient: 0.0 min 98%A - 0.9 min 25%A – 1.0 min 5%A - 1.4 min 5%A – 1.41 min 98%A – 1.5 min 98%A; oven: 40°C; flow: 0.600 ml/min; UV-detection: DAD; 210 nm.

Method L6:

MS instrument type: Thermo Scientific FT-MS; HPLC instrument type: Thermo Scientific UltiMate 3000; column: Waters, HSST3, 2.1 x 75 mm, C18 1.8 µm; eluent A: 1 l water + 0.01% formic acid; eluent B: 1 l acetonitril + 0.01% formic acid; Gradient: 0.0 min 10% B → 2.5 min 95% B → 3.5 min 95% B; Ofen: 50°C; Fluss: 0.90 ml/min; UV-Detektion: 210 nm / optimum integration path 210-300 nm:

Method L7:

MS instrument type: Waters (Micromass) Quattro Micro; HPLC instrument type: Waters UPLC Acquity; column: Waters BEH C18 1.7 µ 50 x 2.1 mm; eluent A: 1 l water + 0.01 mol ammoniumformiate, eluent B: 1 l acetonitril; gradient: 0.0 min 95% A → 0.1 min 95% A → 2.0 min 15% A → 2.5 min 15% A→ 2.51 min 10% A → 3.0 min 10% A; oven: 40°C; flow: 0.5 ml/min; UV-detection: 210 nm.

Method L8:

MS instrument type: Waters SQD2; Instrument HPLC: Waters UPLC; column: Zorbax SB-Aq (Agilent), 50 mm x 2.1 mm, 1.8 µm; eluent A: water + 0.025% formic acid, eluent B: acetonitrile (ULC) + 0.025% formic acid; gradient: 0.0 min 98%A - 0.9 min 25%A – 1.0 min 5%A - 1.4 min 5%A – 1.41 min 98%A – 1.5 min 98%A; oven: 40°C; flow: 0.600 ml/min; UV-detection: DAD; 210 nm.

Method L9:

MS instrument type: Agilent Technologies LC/MSD SL; HPLC instrument type: Agilent Technologies 1100 Series; column: Waters XSelect (C18, 50x2.1mm, 3.5µ; flow: 0.8 mL/min; column temp: 25°C; eluent A: 95% acetonitrile + 5% ammoniumbicarbonate in water; eluent B: 10mmM ammoniumbicarbonate in water pH=9.0; lin. gradient: t=0 min 5% A, t=3.5min 98% A, t=6 min 98% A; detection: DAD (220-320 nm); detection: MSD (ESI pos/neg) mass range: 100-800.

Method L10:

MS instrument type: Agilent Technologies 6130 Quadrupole LC-MS; HPLC instrument type: Agilent Technologies 1260 Infinity; column: Waters XSelect (C18, 30x2.1mm, 3.5µ); flow: 1 mL/min; column temp: 35°C; eluent A: 0.1% formic acid in acetonitrile; eluent B: 0.1% formic acid in water; lin. gradient: t=0 min 5% A, t=1.6min 98% A, t=3 min 98% A; detection: DAD (220-320 nm); detection: MSD (ESI pos/neg) mass range: 100 – 800; detection: ELSD (PL-ELS 2100): gas flow 1.2 mL/min, gas temp: 70°C, neb: 50°C.

Method L11:

MS instrument type: Agilent Technologies LC/MSD SL; HPLC instrument type: Agilent Technologies 1100 Series; column: Phenomenex Gemini NX (C18, 50x2.0mm), 3.0µ; flow: 0.8 mL/min; column temp: 25°C; eluent A: 95% acetonitrile + 5% 10mM ammoniumbicarbonate in water in acetonitrile pH=9.0; eluent B: 10 mM ammoniumbicarbonate in water pH=9.0; lin. gradient: t=0 min 5% A, t=3.5 min 98% A, t=6 min 98% A; detection: DAD (220-320 nm); detection: MSD (ESI pos/neg) mass range: 100-800.

Method L12:

MA instrument: Agilent MS Quad 6150; HPLC instrument: Agilent 1290; column: Waters Acquity UPLC HSS T3 1.8 µm 50 x 2.1 mm; eluent A: 1 l water + 0.25 ml 99% formic acid , Eluent B: 1 l acetonitril + 0.25 ml 99% formic acid ; gradient: 0.0 min 90% A → 0.3 min 90% A → 1.7 min 5% A → 3.0 min 5% A oven: 50°C; flow: 1,20 ml/min; UV-detection: 205 – 305 nm.

Method M1:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 1.80 min with a total run time of 2.10 min. The column temperature was at 45 °C with the flow rate of 1.20 mL/min.

Method M2:

The column used was an EVO, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over 4.20 min with a total run time of 4.50 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M3:

The column used was a CORTECS C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.09% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M4:

The column used was a CORTECS C18+, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 45 °C with the flow rate of 1.00 mL/min.

Method M5:

The column used was a Kinetex EVO C18, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M6:

The column used was a CORTECS C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.09% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 2.60 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M7:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 2.80 min with a total run time of 3.30 min. The column temperature was at 45 °C with the flow rate of 1.20 mL/min.

Method M8:

The column used was a CORTECS C18+, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M9:

The column used was a Kinetex EVO C18, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over 4.20 min with a total run time of 4.50 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M10:

The column used was a Kinetex EVO C18, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M11:

The column used was a CORTECS C18+, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M12:

The column used was an Ascentis Express C18, 2.7 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.09% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.50 mL/min.

Method M13:

The column used was an Ascentis Express C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M14:

The column used was an Ascentis Express C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M15:

The column used was an Ascentis Express C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 70% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M16:

The column used was a CORTECS C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.09% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M17:

The column used was a CORTECS C18+ 100A, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.60 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M18:

The column used was a Kinetex EVO C18, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.09% FA in water) and ending at 100% B (B: 0.1% FA in

MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M19:

The column used was a Kinetex EVO C18 100A, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.60 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M20:

The column used was an Ascentis Express C18, 2.7 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.50 mL/min.

Method M21:

The column used was a Kinetex EVO C18, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.09% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.50 mL/min.

Method M22:

The column used was a Kinetex EVO C18, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.09% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.50 mL/min.

Method M23:

The column used was an Ascentis Express C18, 2.7 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.09% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.50 mL/min.

Method M24:

The column used was an Ascentis Express C18, 2.7 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.50 mL/min.

Method M25:

The column used was a Kinetex EVO C18, 2.6 µm, 4.6 × 50 mm. A linear gradient was applied, starting at 90% A (A: 5mMNH_4HCO_3 in water) and ending at 95% B (B: MeCN) over 1.75 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.80 mL/min.

Method M26:

The column used was an Ascentis Express C18, 2.7 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 4.90 min with a total run time of 5.30 min. The column temperature was at 45 °C with the flow rate of 1.50 mL/min.

Method M27:

The column used was an Poroshell HPH-C18, 2.7 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.1% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M28:

The column used was a CORTECS C18+, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 45 °C with the flow rate of 1.00 mL/min.

Method M29:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 4.60 min with a total run time of 5.30 min. The column temperature was at 40 °C with the flow rate of 1.20 mL/min.

Method M30:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 2.80 min with a total run time of 3.30 min. The column temperature was at 45 °C with the flow rate of 1.20 mL/min.

Method M31:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 4.70 min with a total run time of 5.00 min. The column temperature was at 45 °C with the flow rate of 1.20 mL/min.

Method M32:

The column used was a CORTECS C18+, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over 5.20 min with a total run time of 5.70 min. The column temperature was at 45 °C with the flow rate of 1.00 mL/min.

Method M33:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 2.20 min with a total run time of 2.60 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M34:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.20 mL/min.

Method M35:

The column used was a CORTECS C18+, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.09% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M36:

The column used was a CORTECS C18+ 100A, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 90% A (A: 0.1% FA in water) and ending at 100% B (B: 0.1% FA in MeCN) over 2.60 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M37:

The column used was a CORTECS C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.09% FA in water) and ending at 95% B (B: 0.1% FA in MeCN) over

2.60 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M38:

The column used was a CORTECS C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 1.80 min with a total run time of 2.00 min. The column temperature was at 45 °C with the flow rate of 1.00 mL/min.

Method M39:

The column used was an Ascentis Express C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 70% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 5.70 min with a total run time of 6.50 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M40:

The column used was an Ascentis Express C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 60% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 2.70 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M41:

The column used was a Kinetex EVO C18, 2.6 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 5 mM NH_4HCO_3 in water) and ending at 95% B (B: MeCN) over 1.80 min with a total run time of 2.00 min. The column temperature was at 45 °C with the flow rate of 1.50 mL/min.

Method M42:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 1.70 min with a total run time of 2.00 min. The column temperature was at 40 °C with the flow rate of 1.20 mL/min.

Method M43:

The column used was a Kinetex EVO C18 100A, 2.6 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 90% A (A: 5 mM NH_4HCO_3 in water) and ending at 95% B (B: MeCN) over 2.60 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M44:

The column used was a HPH-C18, 2.7 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 90% A (A: 5 mM NH_4HCO_3 in water) and ending at 100% B (B: MeCN) over 2.60 min with a total run time of 3.00 min. The column temperature was at 40 °C with the flow rate of 1.50 mL/min.

Method 45:

The column used was an Ascentis Express C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 3.10 min with a total run time of 3.60 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M46:

The column used was an Ascentis Express C18, 2.7 µm, 2.1 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 100% B (B: 0.05% TFA in MeCN) over 2.10 min with a total run time of 2.60 min. The column temperature was at 40 °C with the flow rate of 1.00 mL/min.

Method M47:

The column used was an Ascentis Express C18, 2.7 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 95% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 4.20 min with a total run time of 4.50 min. The column temperature was at 40 °C with the flow rate of 1.50 mL/min.

Method M48:

The column used was a Shim-pack XR-ODS, 2.2 µm, 3.0 × 50 mm. A linear gradient was applied, starting at 80% A (A: 0.05% TFA in water) and ending at 95% B (B: 0.05% TFA in MeCN) over 5.00 min with a total run time of 5.60 min. The column temperature was at 45 °C with the flow rate of 1.20 mL/min.

^{1}H-NMR Data

^{1}H-NMR data were determined with a Bruker Avance 400 (equipped with a flow cell (60 µl volume), or with a Bruker AVIII 400 equipped with 1.7 mm cryo CPTCI probe head, or with a Bruker AVIII 400 (400.13MHz) equipped with a 5 mm probe head, or with a Bruker AVII 600 (600.13 MHz) equipped with a 5 mm cryo TCI probe head, or with a Bruker AVIII 600 (601.6 MHz) equipped with a 5 mm cryo CPMNP probe head, or with a Bruker AVIII 500 (500.13MHz)

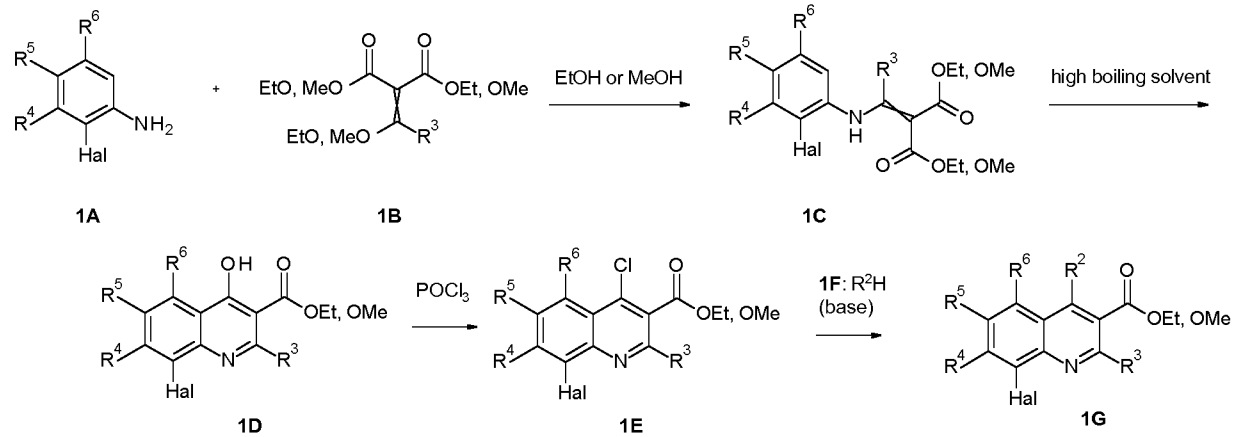
equipped with a 5 mm broadband head or a 5 mm Prodigy™ probe head, with tetramethylsilane as reference (0.0) and the solvents CD_3CN, $CDCl_3$ or D_6-DMSO. Alternative ^1H- and ^{13}C-NMR instrument types: Bruker DMX300 (^1H-NMR: 300 MHz; ^{13}C NMR: 75 MHz), Bruker Avance III 400 (^1H-NMR: 400 MHz; ^{13}C NMR: 100 MHz) or Bruker 400 Ultrashield (^1H-NMR: 400 MHz; ^{13}C NMR: 100 MHz).

Chemical shifts (δ) are displayed in parts per million [ppm]; the following abbreviations are used: s = singlet, d = doublet, t = triplet, q = quartet, m = multiplet, br. = broad; coupling constants are displayed in Hertz [Hz].

EXPERIMENTAL SECTION - GENERAL PROCEDURES

The synthesis of the compounds of the formula (I) can be performed according to or in analogy to the following schemes (Scheme 1a-e, Scheme 2 and Scheme 3).

Scheme 1a

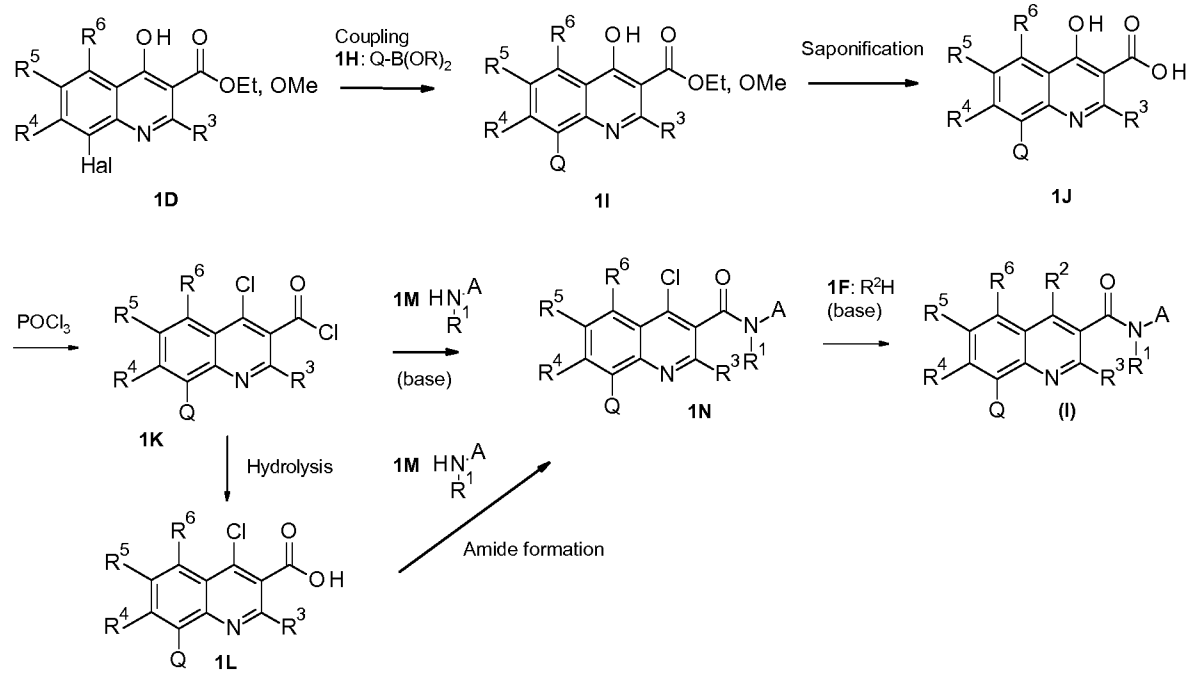


2-Halogen-substituted anilines **1A** (Hal = iodine, bromine, chlorine) are commercial available and can be readily converted with (alkoxymethylen)malonates **1B** dissolved the corresponding alcohol solvent, preferably under boiling conditions into (anilinomethylene)malonates **1C** as described in Monatshefte fuer Chemie, 2015, 146(2), 291-302 or without any solvent as described in WO 2002004444. The ring closure is performed in high boiling solvents, preferably in diphenylether or xylol, to achieve hydroxy quinolines **1D** as described in WO 2013118071. The hydroxy quinolines **1D** can be easily converted into the corresponding chlorine compounds **1E** with a chlorination reagent, preferably refluxing $POCl_3$ as described in WO 2013118071.

Dependend on the nature of the nucleophile R^2H **1F**, the chloro quinolines **1E** reacts with **1F** in the presence of a base, e.g. sodium ethylate, sodium methylate, potassium t-butylate, triethylamine *N,N*-diisopropyl ethylamine, diazabicycloundecan, sodium hydride, lithium

hydroxide, sodium hydroxide, potassium hydroxide, potassium carbonate, cesium carbonate, or the like to obtain ester intermediates **1G**.

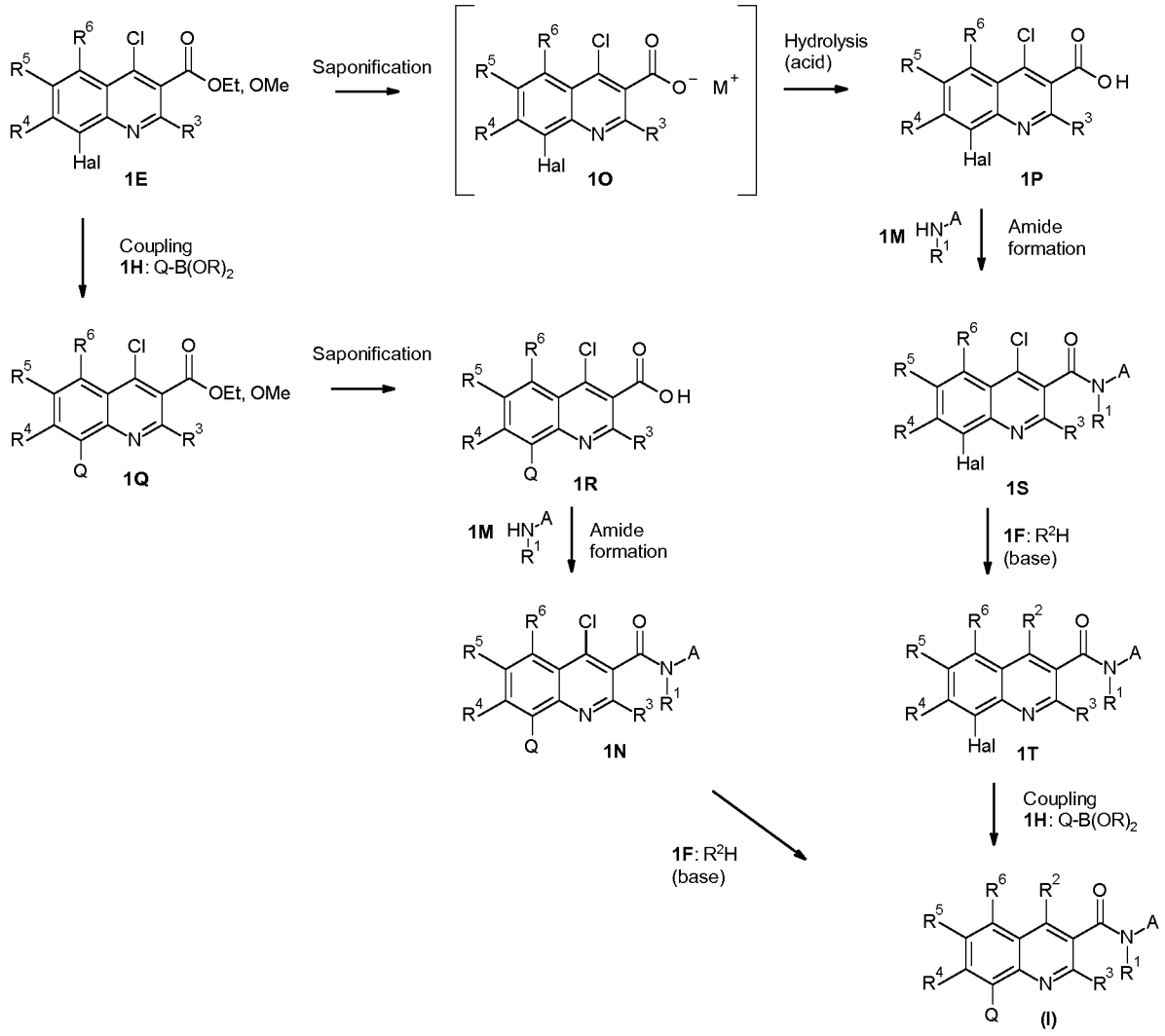
Scheme 1b



Alternatively, a *Suzuki* cross coupling reaction of intermediates **1D** with boronic acids or boronic esters **1H** Q-B(OR)$_2$ (R=H; R = Me or R,R = pinacolate) as described in Chem. Soc. Rev. 2014, 43, 412-443 or in Tetrahedron 2002, 58 (48), 9633-9695 to ester intermediates **1I**. Subsequently, the ester intermediates **1I** can be smoothly saponified e.g. with lithium hydroxide resulting in the corresponding carboxylic acids **1J**, which can be easily converted into the corresponding chloro carboxylic chlorides **1K** with a chlorination reagent, preferably refluxing $POCl_3$ as described in WO 2013096151. Intermediates **1K** react under hydrolytic conditions to yield quinolone carboxylic acids **1L**, which are combined with commercial available amines **1M** via an amide formation and dehydration reagents, e.g. *N*-(3-di-methylaminoisopropyl)-*N'*-ethylcarbodiimide-hydrochloride (EDC) to give amides **1N**. Similar syntheses are described in Journal of Medicinal Chemistry 2012, 55, 3563-3567 for example. Intermediates **1K** can directly form the amides **1N** as the carboxylic acid chlorides **1K** are combined with amines **1M** under basic conditions, e.g. pyridine, triethylamine or *N,N*-diisopropyl ethylamine as described in Chemical Biology & Drug Design 2015, 85(5), 549-564. Dependend on the nature of the nucleophile R^{2}H **1F**, the chloro quinolines **1N** reacts with **1F** in the presence of a base, e.g. sodium ethylate, sodium methylate, potassium t-butylate, triethylamine *N,N*-diisopropyl ethylamine, diazabicycloundecan, sodium hydride, lithium

hydroxide, sodium hydroxide, potassium hydroxide, potassium carbonate, cesium carbonate, or the like to obtain the target compounds of formula **(I).**

Scheme 1c

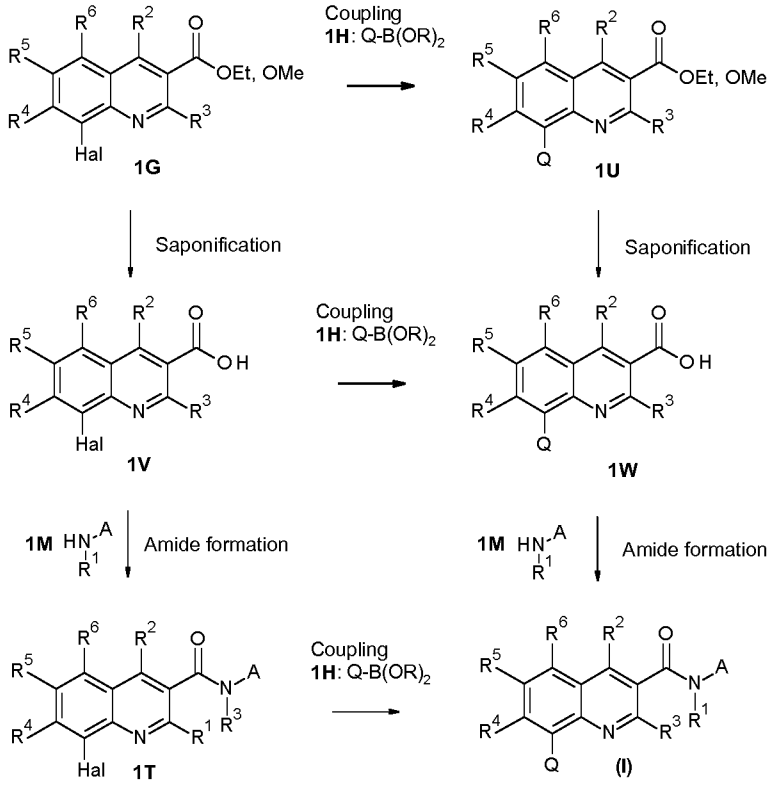


Chloro quinolines **1E** can be smoothly saponified e.g. with lithium hydroxide resulting in the corresponding carboxylates **1O**, obtained e.g. as lithium salt, or resulting in the carboxylic acids **1P** after acid hydrolysis. Subsequently, the intermediate carboxamides **1S** are obtained by amide coupling conditions, e.g. via carboxylic acid chlorides formed from **1P** which are combined with amines **1M** under basic conditions, e.g. pyridine, triethylamine or *N,N*-diisopropyl ethylamine or via amide formation from the carboxylic acids **1P** which are combined with amines **1M** and dehydration reagents, e.g. *N*-(3-dimethylaminoisopropyl)-*N'*-ethylcarbodiimide-hydrochloride (EDC). Similar syntheses are described in Journal of Medicinal Chemistry 2012, 55, 3563-3567 for example. Dependend on the nature of the nucleophile R^2H **1F**, the chloro quinolines **1S** react with **1F** in the presence of a base, e.g. sodium ethylate, sodium methylate, potassium t-butylate, triethylamine *N,N*-diisopropyl

ethylamine, diazabicycloundecan, sodium hydride, lithium hydroxide, sodium hydroxide, potassium hydroxide, potassium carbonate, cesium carbonate, or the like to obtain the intermediate carboxamides **1T**. A *Suzuki* cross coupling reaction of intermediate carboxamides **1T** with boronic acids or boronic esters **1H** Q-B(OR)2 (R=H; R = Me or R,R = pinacolate) as described in Chem. Soc. Rev. 2014, 43, 412-443 or in Tetrahedron 2002, 58 (48), 9633-9695 leads to the final products of formula **(I)**.

Alternatively, chloro quinolines **1E** react via a *Suzuki* cross coupling reaction with boronic acids or boronic esters **1H** Q-B(OR)2 (R=H; R = Me or R,R = pinacolate) as described in Chem. Soc. Rev. 2014, 43, 412-443 or in Tetrahedron 2002, 58 (48), 9633-9695 to provide quinoline carboxylic esters **1Q**, which can be smoothly saponified e.g. with lithium hydroxide resulting in the corresponding quinoline carboxylic acid **1R**. Subsequently, the intermediate carboxamides **1N** are obtained by amide coupling conditions, e.g. via carboxylic acid chlorides formed from **1R** which are combined with amines **1M** under basic conditions, e.g. pyridine, triethylamine or *N,N*-diisopropyl ethylamine or via amide formation from the carboxylic acids **1R** which are combined with amines **1M** and dehydration reagents, e.g. *N*-(3-dimethylaminoisopropyl)-*N'*-ethylcarbodiimide-hydrochloride (EDC). Similar syntheses are described in Journal of Medicinal Chemistry 2012, 55, 3563-3567 for example. Dependend on the nature of the nucleophile R^2H **1F**, the chloro quinolines **1N** react with **1F** in the presence of a base, e.g. sodium ethylate, sodium methylate, potassium t-butylate, triethylamine *N,N*-diisopropyl ethylamine, diazabicycloundecan, sodium hydride, lithium hydroxide, sodium hydroxide, potassium hydroxide, potassium carbonate, cesium carbonate, or the like to obtain the the final products of formula **(I)** as well.

Scheme 1d

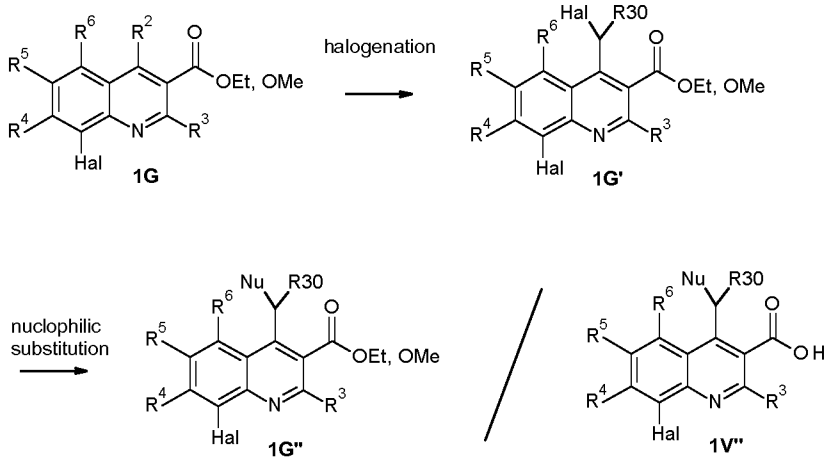


Quinoline carboxylic esters **1G** can be converted via a *Suzuki* cross coupling reaction with boronic acids or boronic esters **1H** Q-B(OR)2 (R=H; R = Me or R,R = pinacolate) as described in Chem. Soc. Rev. 2014, 43, 412-443 or in Tetrahedron 2002, 58 (48), 9633-9695 to provide quinoline carboxylic esters **1U**, which can be smoothly saponified e.g. with lithium hydroxide resulting in the corresponding quinoline carboxylic acid **1W**. Subsequently, the final products of formula **(I)** are obtained by amide coupling conditions, e.g. via carboxylic acid chlorides formed from **1W** which are combined with amines **1M** under basic conditions, e.g. pyridine, triethylamine or *N,N*-diisopropyl ethylamine or via amide formation from the carboxylic acids **1W** which are combined with amines **1M** and dehydration reagents, e.g. *N*-(3-dimethylamino-isopropyl)-*N'*-ethylcarbodiimide-hydrochloride (EDC). Similar syntheses are described in Journal of Medicinal Chemistry 2012, 55, 3563-3567 for example.

Alternatively, quinoline carboxylic esters **1G** can be saponified first and then converted via a *Suzuki* cross coupling reaction with boronic acids or boronic esters **1H** Q-B(OR)2 (R=H; R = Me or R,R = pinacolate) into quinoline carboxylic acids **1W** or transformed into quinoline carboxamides **1T** by means of amide coupling conditions, e.g. via quinoline carboxylic acid chlorides formed from **1V** which are combined with amines **1M** under basic conditions, e.g. pyridine, triethylamine or *N,N*-diisopropyl ethylamine or via amide formation from the quinolone carboxylic acids **1V** which are combined with amines **1M** and dehydration reagents, e.g. *N*-(3-dimethylaminoisopropyl)-*N'*-ethylcarbodiimide-hydrochloride (EDC). Finally, quinoline carboxamides **1T** can be converted via a *Suzuki* cross coupling reaction with boronic acids or boronic esters **1H** Q-B(OR)2 (R=H; R = Me or R,R = pinacolate) as described in Chem. Soc.

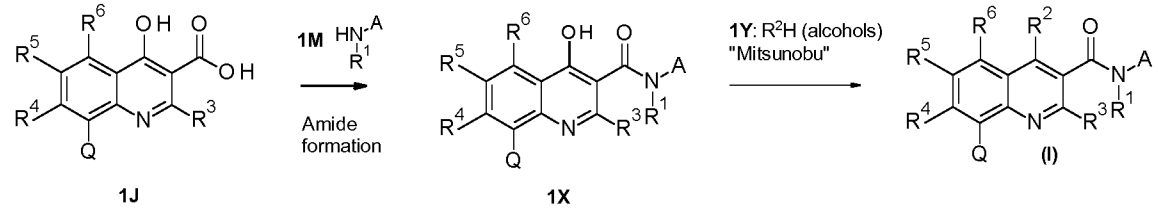
Rev. 2014, 43, 412-443 or in Tetrahedron 2002, 58 (48), 9633-9695 into final products of formula **(I)**.

Scheme 1d'



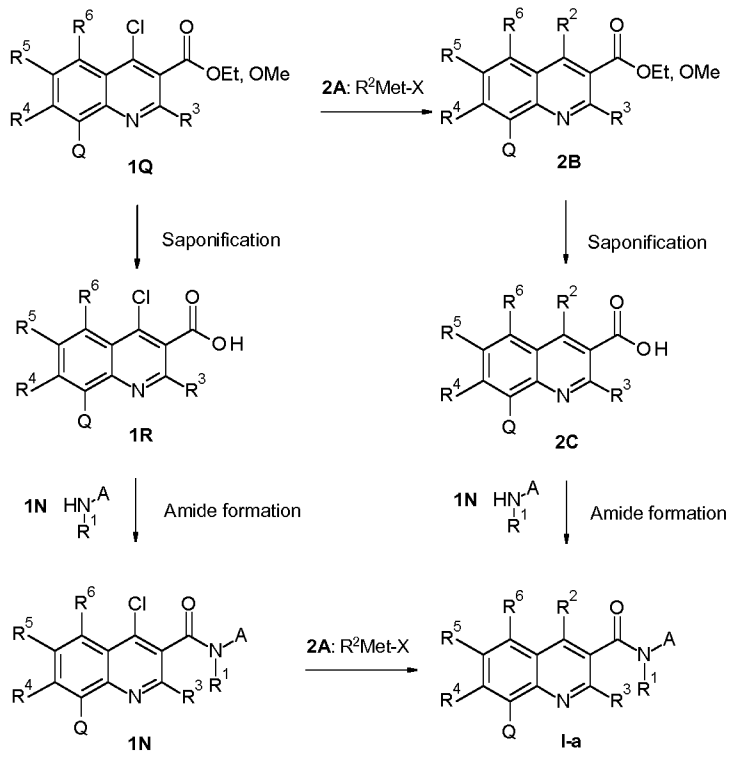
A subgroup of **1G**, where R^2 is an alkyl group, such as methyl (R_{30} = H) can be halogenated, e.g. brominated by brominating agents such as bromine, N-bromo-succinimide, pyridinium tribromide or phenyltrimethylammonium tribromide to bromoalkylderivatives **1G'** as described e.g. in J. Heterocl. Chem. 1981, vol. 18, 925 – 928, J. Med. Chem., 2009, vol. 52, 3047 – 3062 or J. Am. Chem. Soc., 1948, 70, 417–418. Such bromoalkyl compounds **1G'** can be substituted by nucleophiles such as amines, alkohols or thiols or their salts, occasionally in presence of base according to standard procedures to furnish substituted alkyl-quinolines **1G''**. Under the reaction conditions of the nucleophilic substitution the esters **1G''** can be further converted to the corresponding acids **1V''** or they can be isolated and converted in a separate hydrolysis step to the acids 1V''. Then, the final products **(I)** can be obtained from the acids 1V'' by amide formation and coupling of the group Q by the methods described in scheme 1d.

Scheme 1e (R^2 = optionally substituted C_1-C_4-alkoxy)



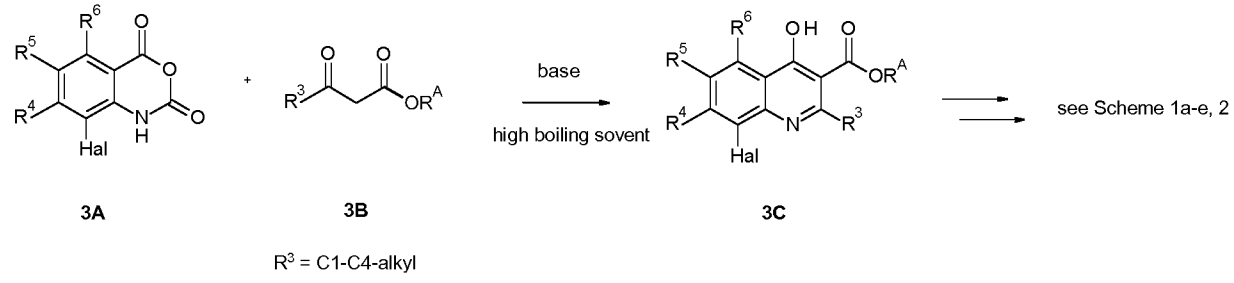
Hydroxy quinolones **1X** are obtained by amide coupling conditions, e.g. via carboxylic acid chlorides formed from **1J** which are combined with amines **1M** under basic conditions, e.g. pyridine, triethylamine or *N,N*-diisopropyl ethylamine or via amide formation from the carboxylic acids **1J** which are combined with amines **1M** and dehydration reagents, e.g. *N*-(3-dimethylaminoisopropyl)-*N'*-ethylcarbodiimide-hydrochloride (EDC). Similar syntheses are described in Journal of Medicinal Chemistry 2012, 55, 3563-3567 for example.The final products of formula **(I)** are obtained by a *Mitsunobu* reaction of hydroxy quinolones **1X** with alcohols **1Y** (R^2 = C_1-C_4-alkoxy, optionally substituted) in the presence of dehydrating reagents, e.g. diisopropyl-(*E*)-diazene-1,2-dicarboxylate and triphenylphosphine as described in Organic & Biomolecular Chemistry 2012, 10(32), 6537-6546.

Scheme 2 (R^2 = C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) as defined *supra*)



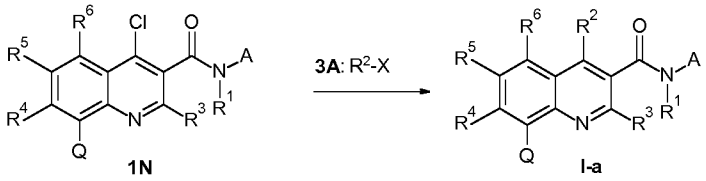
Quinoline carboxylic ester intermediates **1Q** or quinolone carboxamide intermediates **1N** can be converted with certain *Grignard*- or metal organic compounds **2A**: C_1-C_4-alkyl-Met-X, C_3-C_6-cycloalkyl-Met-X, C_2-C_4-alkenyl-Met-X, C_3-C_6-cycloalkenyl-Met-X, C_2-C_4-alkynyl-Met-X or phenyl-C_1-C_4-alkyl-Met-X (Met = Mg, Zn; X = I, Br, Cl) introducing C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) as defined *supra,*as described in Tetrahedron Letters, 2000, 41(33), 6387-6391 for example, into ester intermediates **2B** or final compounds **I-a**.

Scheme 3 (R^3 = C_1-C_4-alkyl)



An alternative route to obtain hydroxyl ester **3C** (R^3 = C_1-C_4-alkyl, R^A = methyl, ethyl or *t.*-butyl) uses commercial available 2H-3,1-oxazine-2,4(1H)-diones **3A** (Hal = iodine, bromine, chlorine) in a decarboxylation reaction with ketoesters **3B** (R^3 = C_1-C_4-alkyl, R^A = methyl, ethyl or *t.*-butyl) in the presence of a base, e.g. sodium hydride in polar high boiling solvents, e.g. *N,N*-dimethyl acetamide as described in US 20080306048. The following steps can be performed according to Scheme 1a-e or Scheme 2.

Scheme 4



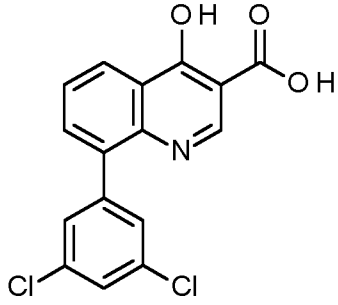
Quinolone carboxamide intermediates **1N** can be converted by photoredox catalysis with certain alkyl, clycloalkyl and hetercyclooalkyl halides or carboxylic acids **3A**: C_1-C_4-alkyl-X, C_3-C_6-cycloalkyl-X, C_3-C_6-cycloalkenyl-X, heterocycloalkyl-X (X = Br, COOH) introducing C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkenyl, heterocycloalkyl each of which is optionally substituted as defined for the compound of general formula (I) as defined *supra,*as described in J. Org. Chem., 2016, 81 (16), pp 6898–6926 or Chem. Rev., 2013, 113 (7), pp 5322–5363.

EXPERIMENTAL SECTION – EXAMPLES

Synthesis of 8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(R^2)quinoline-3-carboxamides (examples 135, 137, 150, 188, 189, 243, 261, 264, 273).

Step 1

8-(3,5-dichlorophenyl)-4-hydroxyquinoline-3-carboxylic acid



Under argon atmosphere a flask was charged with ethyl 8-bromo-4-hydroxy-quinoline-3-carboxylate (15.0 g, 50.7 mmol) (Gharat, al., WO 2013/118071), 3,5-dichlorobenzene boronic acid (11.6 g, 60.8 mmol), potassium carbonate (14.0 g, 101 mmol) 1,1'-bis(diphenylphosphino)ferrocene-palladium(II)dichloride dichloromethane complex (1.24 g, 1.52 mmol) and a degassed 5:1 mixture of dioxan and water (190 ml). The suspension was stirred overnight at 70°C. Then an aqueous solution of sodium hydroxide (5 M, 101 ml, 505 mmol) was added and the dark mixture was refluxed for 6 h. Subsequently, hot water (110 ml), methanol (70 ml) and charcoal (2.5 g) were added and refluxing continued for a few minutes. The mixture was filtered hot and the filter cake washed with methanol / water (1:1). 5 M acetic acid (150 ml, 750 mmol) was added slowly under stirring to the hot filtrate to achieve a pH range of 6-7. Further 90 ml of water were added and the solvents were partially removed under reduced pressure. The suspension was cooled under stirring to RT and lateron to 0°C. The precipitate was filtered off, washed with methanol / water (2:1), stirred in MTBE, filtered off again and dried in vacuo.

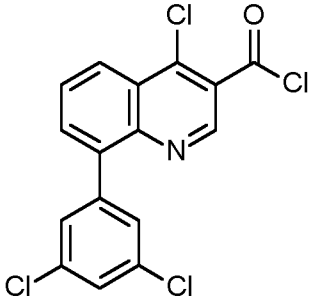
Yield: 17.5 g (92 % purity, 95 % of th.)

LC-MS (Method L1): R_t = 1.02 min; MS (ESIpos): m/z = 334 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.06), 0.008 (0.98), 1.909 (9.53), 2.524 (1.24), 2.670 (0.41), 3.162 (0.87), 3.175 (0.89), 3.568 (5.51), 7.609 (2.04), 7.628 (3.44), 7.650 (15.61), 7.654 (16.00), 7.769 (2.83), 7.773 (4.62), 7.778 (2.66), 7.788 (3.38), 7.791 (3.46), 7.806 (2.84), 7.809 (2.66), 7.874 (0.44), 7.879 (0.42), 7.948 (0.51), 7.952 (0.48), 8.364 (3.52), 8.368 (3.54), 8.385 (3.50), 8.388 (3.26), 8.603 (10.14), 12.202 (1.00).

Step 2

4-chloro-8-(3,5-dichlorophenyl)quinoline-3-carbonyl chloride

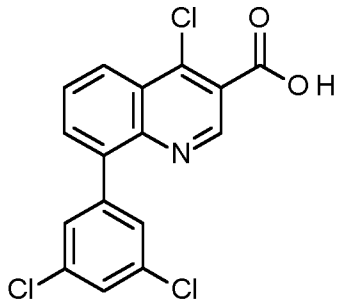


To a suspension of 8-(3,5-dichlorophenyl)-4-hydroxyquinoline-3-carboxylic acid (step 1) (8.10 g, 24.2 mmol) in chloroform (48 ml) under strirring were added DMF (4 drops) and oxalylchloride (40 ml, 460 mmol) slowly during 1 h at ambient temperature, causing significant gas evolution. Then, the mixture was slowly heated to reflux and stirred at reflux temperature for 3.5 h. The volatiles were evaporated under reduced pressure and the residue was co-evaporated twice with dry dichloromethane and once with dry THF. The crude product (9.0 g, 100%) was used in the next step.

^{1}H-NMR (400MHz, CHLOROFORM-d): δ [ppm]= 9.42 (s, 1H), 8.53 (dd, 1H), 7.89 - 7.95 (m, 1H), 7.80 - 7.87 (m, 1H), 7.53 (d, 2H), 7.46 (t, 1H).

Step 3

4-chloro-8-(3,5-dichlorophenyl)quinoline-3-carboxylic acid



4-chloro-8-(3,5-dichlorophenyl)quinoline-3-carbonyl chloride (step 2) (5.40 g, 14.6 mmol) was suspended in THF (100 ml). Water (25 ml) and sodium hydrogencarbonate (2.0 g, 23.8 mmol) were added until a pH 5 is maintained and the reaction mixture was stirred overnight at ambient temperature. The THF was largely removed under reduced pressure at a bath temperature not exceeding 40°C. Acetonitril (20 ml) was added and the organic solvents were removed again under reduced pressure. This procedure was repeated and the suspension was cooled to 0°C. The precipitate was filtered off, washed with little volumes of acetonitrile / water (2:1) and petrolether and dried in vacuo.

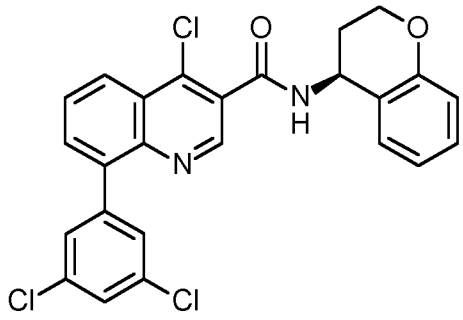
Yield: 5.10 g (93 % purity, 92 % of th.)

LC-MS (Method L1): R_t = 1.16 min; MS (ESIpos): m/z = 352 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.29), 0.008 (1.20), 1.760 (0.44), 2.329 (0.64), 2.367 (0.44), 2.524 (2.38), 2.671 (0.63), 2.711 (0.43), 3.601 (0.50), 7.654 (1.72), 7.660 (4.30), 7.664 (6.77), 7.669 (16.00), 7.673 (7.64), 7.804 (1.91), 7.823 (3.49), 7.843 (3.22), 7.887 (3.53), 7.890 (3.71), 7.904 (2.79), 8.354 (3.04), 8.357 (3.11), 8.375 (2.85), 8.378 (2.73), 8.907 (6.32).

Step 4a

4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (example 4)



To a solution of 4-chloro-8-(3,5-dichlorophenyl)quinoline-3-carboxylic acid (step 3) (7.60 g, 21.6 mmol) in THF (110 ml) were added under stirring (4S)-chroman-4-amine hydrochloride (4.4 g, 23.7 mmol), triethylamine (12 ml, 86 mmol) and after 10 min at ambient temperature a solution of 2,4,6-tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide in ethylacetate (19 ml, 50 % content, 32 mmol), whereafter the temperature of the mixture was raised to 36°C. After stirring overnight at ambient temperature further (4S)-chroman-4-amine hydrochloride (0.8 g, 4.3 mmol), triethylamine (3 ml, 21.5 mmol) and a solution of 2,4,6-tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide in ethylacetate (3.85 ml, 50 % content, 6.5 mmol) were added and stirring continued at ambient temperature for another night. Then water was added and most of the organic solvents evaporated under reduced pressure. The formed precipitate was filtered off and washed with petrolether and was dried in vacuo.

Yield: 10.0 g (94 % purity, 90 % of th.)

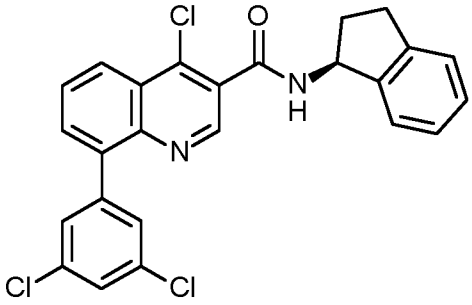
LC-MS (Method L1): R_t = 1.35 min; MS (ESIpos): m/z = 483 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 1.356 (1.31), 1.743 (2.45), 1.752 (3.18), 1.759 (6.79), 1.768 (3.21), 1.776 (2.57), 1.988 (0.51), 2.059 (0.99), 2.066 (1.07), 2.076 (1.22), 2.084 (1.26), 2.093 (1.57), 2.100 (1.38), 2.209 (1.45), 2.221 (1.33), 2.229 (1.27), 2.242 (0.90), 2.366 (0.47), 3.585 (2.47), 3.601 (5.93), 3.617 (2.49), 4.221 (0.89), 4.241 (2.24), 4.249 (1.82), 4.262 (2.18), 4.270 (2.80), 4.279 (2.21), 4.287 (1.82), 4.296 (1.93), 4.315 (0.75), 5.267 (0.91), 5.282 (2.01), 5.301 (2.05), 5.315 (0.88), 6.791 (3.63), 6.811 (4.03), 6.917 (1.84), 6.936 (3.82), 6.955 (2.20), 7.161 (2.03), 7.179 (3.22), 7.199 (1.53), 7.380 (3.39), 7.399 (3.19), 7.680 (16.00), 7.879

(0.46), 7.893 (2.16), 7.912 (3.99), 7.932 (3.43), 8.009 (4.26), 8.026 (2.94), 8.389 (3.75), 8.410 (3.33), 8.962 (9.97), 9.251 (3.23), 9.272 (3.16).

Step 4b

4-chloro-8-(3,5-dichlorophenyl)-N-[(1S)-2,3-dihydro-1H-inden-1-yl]quinoline-3-carboxamide (example 3)



To a stirred mixture of 4-chloro-8-(3,5-dichlorophenyl)quinoline-3-carbonyl chloride (step 2) (480 mg, 1.29 mmol) in DMF (4 ml) was added triethylamine (0.36 ml, 2.6 mmol) and then dropwise a solution of (1S)-indan-1-amine (0.18 ml, 2.6 mmol) in dichloromethane (1.2 ml) at 0°C. The reaction mixture was stirred 1 h at 0°C, then warmed to ambient temperature and the pH adjusted to 5-6 with 1 M acetic acid followed by addition of water and extraction with dichloromethane. The organic phases were separated and evaporated under reduced pressure and the residue was purified by column chromatography on silica (100 g), eluent: cyclohexane / ethyl acetate (9 – 40%).

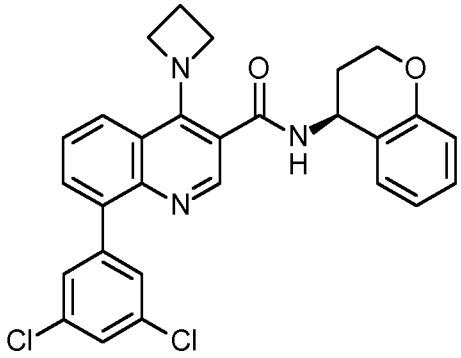
Yield: 149 mg (25 % of th.)

LC-MS (Method L1): R_t = 1.37 min; MS (ESIpos): m/z = 467 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 0.008 (1.33), 1.234 (2.20), 1.397 (0.85), 1.924 (1.63), 1.935 (0.83), 1.946 (1.76), 1.956 (1.90), 1.967 (0.79), 1.977 (1.84), 1.998 (0.66), 2.524 (2.18), 2.567 (0.88), 2.575 (0.77), 2.838 (0.77), 2.859 (1.28), 2.878 (2.28), 2.898 (2.50), 2.918 (1.19), 2.951 (1.54), 2.959 (1.64), 2.973 (1.71), 2.980 (1.81), 2.990 (0.99), 2.999 (0.88), 3.012 (0.86), 3.020 (0.74), 3.070 (1.91), 5.542 (1.02), 5.562 (2.83), 5.582 (2.79), 5.602 (0.92), 7.223 (0.96), 7.232 (4.00), 7.240 (4.95), 7.246 (5.24), 7.254 (7.15), 7.263 (2.96), 7.271 (3.67), 7.281 (2.50), 7.293 (1.17), 7.435 (2.55), 7.446 (2.61), 7.456 (2.00), 7.635 (1.10), 7.665 (0.98), 7.678 (13.08), 7.681 (16.00), 7.686 (7.10), 7.689 (3.73), 7.695 (1.37), 7.700 (0.80), 7.895 (2.06), 7.913 (4.25), 7.934 (3.06), 8.004 (4.66), 8.008 (3.27), 8.022 (3.28), 8.026 (2.07), 8.393 (4.14), 8.396 (2.75), 8.414 (3.73), 8.417 (2.39), 8.962 (10.00), 9.118 (3.31), 9.139 (3.23).

Step 5

4-(azetidin-1-yl)-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (example 135)



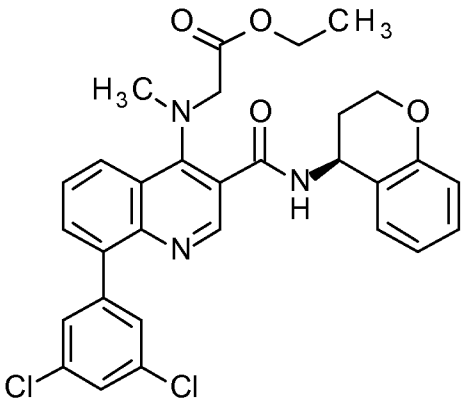
In a thick-walled microwave vessel triethylamine (84 µl, 0.6 mmol) and azetidine (40 µl, 0.6 mmol) were added to a solution of 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 4a) (145 mg, 0.3 mmol) in *N*-methyl pyrrolidon. The vessel was capped and heated under stirring to 100°C for 2.5 h. 5 M formic acid (180 µl, 0.9 mmol) and little DMSO were added to the dark mixture and the solution purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 93 mg (62 % of th.)

LC-MS (Method L1): R_t = 0.89 min; MS (ESIpos): m/z = 504 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.008 (6.30), 0.008 (2.98), 2.004 (1.02), 2.014 (0.94), 2.026 (1.43), 2.041 (1.28), 2.126 (1.31), 2.141 (1.56), 2.373 (2.15), 2.394 (2.92), 2.412 (2.16), 2.433 (1.25), 2.519 (4.80), 2.523 (4.67), 4.243 (3.28), 4.255 (4.75), 4.261 (3.01), 4.270 (2.58), 4.427 (5.50), 4.446 (8.06), 4.466 (4.62), 5.160 (0.92), 5.174 (1.75), 5.194 (1.64), 5.754 (2.42), 6.781 (3.04), 6.785 (3.14), 6.802 (3.39), 6.805 (3.26), 6.887 (1.73), 6.890 (1.66), 6.906 (3.30), 6.909 (2.99), 6.924 (1.93), 6.927 (1.70), 7.142 (1.75), 7.146 (1.77), 7.163 (2.63), 7.180 (1.31), 7.185 (1.20), 7.291 (2.83), 7.311 (2.52), 7.434 (2.40), 7.452 (3.13), 7.455 (2.90), 7.473 (2.61), 7.592 (2.65), 7.597 (4.87), 7.602 (5.82), 7.611 (16.00), 7.616 (8.48), 7.698 (3.62), 7.701 (3.63), 7.716 (3.07), 7.719 (2.82), 8.058 (3.06), 8.061 (3.05), 8.080 (2.76), 8.083 (2.47), 8.430 (11.34), 8.946 (2.94), 8.966 (2.74).

ethyl N-{8-(3,5-dichlorophenyl)-3-[(4S)-3,4-dihydro-2H-chromen-4-ylcarbamoyl]quinolin-4-yl}-N-methylglycinate (example 137)



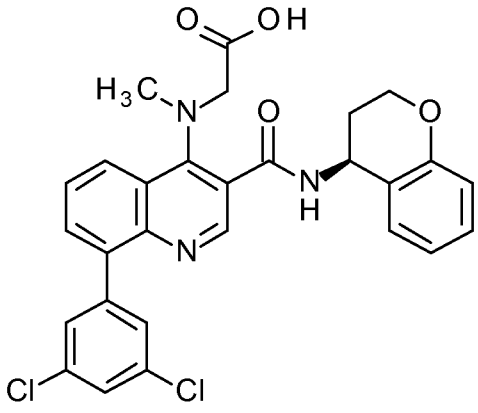
Under argon atmosphere a thick-walled microwave vessel was charged with 1,4-diazabicyclo(2.2.2)octane (56 mg, 0.5 mmol), ethyl-N-methylglycinatehydrochloride (1:1) (154 mg, 1.0 mmol), *N,N*-diisopropylethylamine (350 µl, 2.0 mmol), *N*-methyl pyrrolidon (0.8 ml) and 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 4a) (242 mg, 0.5 mmol). The vessel was capped and the mixture heated under stirring at 100°C for 3 h. Further amounts of ethyl-N-methylglycinatehydrochloride (1:1) (77 mg, 0.5 mmol), *N,N*-diisopropylethylamine (170 µl, 1.0 mmol) were added and heating continued for 2 h. 5 M formic acid (0.7 ml, 3.5 mmol) and DMSO (3 ml) were added and the solution purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 150 mg (98 % purity, 52 % of th.)

LC-MS (Method L1): R_t = 1.38 min; MS (ESIpos): m/z = 564 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.78), 0.008 (0.70), 1.199 (4.33), 1.217 (9.13), 1.234 (4.62), 1.356 (0.52), 2.063 (0.43), 2.073 (0.48), 2.084 (0.47), 2.099 (0.71), 2.107 (0.59), 2.114 (0.45), 2.193 (0.49), 2.205 (0.59), 2.216 (0.59), 2.227 (0.52), 2.523 (0.52), 3.049 (12.82), 4.052 (6.68), 4.134 (1.34), 4.152 (4.12), 4.170 (4.04), 4.187 (1.27), 4.255 (1.01), 4.267 (1.21), 4.278 (1.65), 4.282 (1.70), 4.293 (0.97), 5.257 (0.42), 5.271 (0.95), 5.291 (0.95), 5.305 (0.42), 6.792 (1.74), 6.812 (1.94), 6.901 (0.87), 6.919 (1.84), 6.937 (1.07), 7.154 (0.86), 7.157 (0.93), 7.175 (1.47), 7.193 (0.70), 7.196 (0.71), 7.362 (1.56), 7.380 (1.46), 7.645 (16.00), 7.688 (1.26), 7.707 (1.75), 7.728 (1.59), 7.840 (1.89), 7.842 (2.05), 7.857 (1.58), 7.860 (1.56), 8.354 (1.72), 8.357 (1.80), 8.376 (1.63), 8.379 (1.60), 8.757 (6.02), 9.197 (1.69), 9.217 (1.64).

N-{8-(3,5-dichlorophenyl)-3-[(4S)-3,4-dihydro-2H-chromen-4-ylcarbamoyl]quinolin-4-yl}-N-methylglycine (example 150)



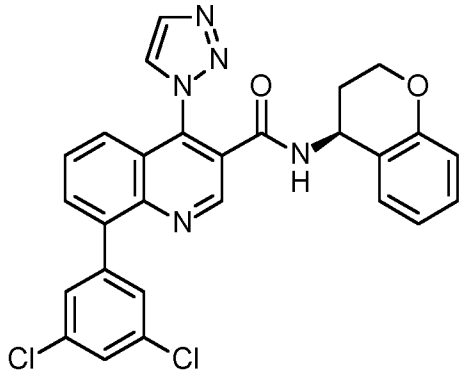
Ethyl N-{8-(3,5-dichlorophenyl)-3-[(4S)-3,4-dihydro-2H-chromen-4-ylcarbamoyl]quinolin-4-yl}-N-methylglycinate (from example 137) (35 mg, 62 µmol) was stirred in THF (0.3 ml), ethanol (0.3 ml) and 5 M aq. sodium hydroxide (50 µl, 250 µmol) for 1.5 h at ambient temperature. The reaction mixture was acidified to pH 3 by addition of 5 M formic acid and part of the solvents evaporated under reduced pressure. The formed precipitate was filtered off, washed with water and dried in vacuo.

Yield: 27 mg (81 % of th.)

LC-MS (Method L1): R_t = 1.11 min; MS (ESIpos): m/z = 536 $[M+H]^+$

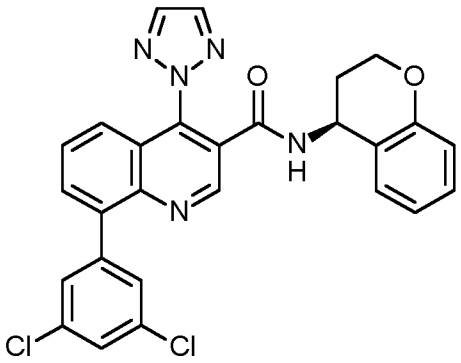
^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 2.132 (1.28), 2.205 (1.37), 2.328 (0.59), 3.040 (16.00), 3.931 (0.61), 3.975 (4.59), 3.984 (4.71), 4.281 (3.48), 5.309 (1.69), 5.326 (1.68), 6.779 (2.78), 6.799 (3.08), 6.883 (1.42), 6.901 (2.80), 6.920 (1.72), 7.140 (1.56), 7.159 (2.50), 7.175 (1.25), 7.348 (2.66), 7.365 (2.47), 7.643 (14.76), 7.660 (2.25), 7.678 (2.82), 7.699 (1.88), 7.820 (3.02), 7.835 (2.42), 8.139 (1.05), 8.304 (2.56), 8.326 (2.33), 8.755 (6.56).

8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(1H-1,2,3-triazol-1-yl)quinoline-3-carboxamide (example 188)



and

8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(2H-1,2,3-triazol-2-yl)quinoline-3-carboxamide (example 189)



A thick-walled microwave vessel was charged with 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 4a) (145 mg, 0.3 mmol), 1,2,3-triazol (62 mg, 0.9 mmol), *N*-methyl pyrrolidon (0.5 ml), triethylamine (84 µl, 0.6 mmol) and caesium carbonate (98 mg, 0.3 mmol). The vessel was capped and the mixture heated under stirring at 100°C for 2 h. 5 M formic acid (240 µl, 1.2 mmol) and water (1.5 ml) were added and the precipitate filtered off and discarded. The filtrate was purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield (example 188): 23 mg (15 % of th.)

LC-MS (Method L1): R_t = 1.18 min; MS (ESIneg): m/z = 514 $[M-H]^-$

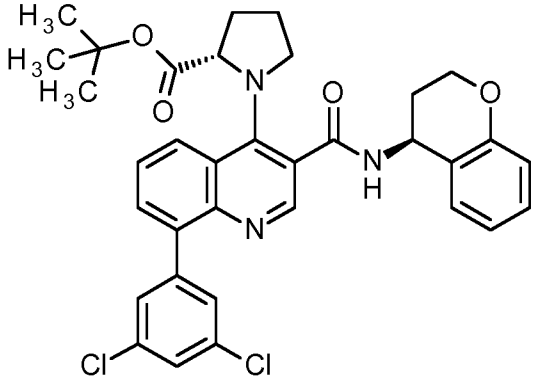
^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.23 (s, 1H), 9.12 (d, 1H), 8.65 (d, 1H), 8.14 (d, 1H), 8.06 (dd, 1H), 7.80 - 7.88 (m, 1H), 7.68 - 7.76 (m, 3H), 7.39 - 7.46 (m, 1H), 7.10 - 7.20 (m, 1H), 7.06 (d, 1H), 6.82 - 6.92 (m, 1H), 6.76 (d, 1H), 4.98 - 5.09 (m, 1H), 4.18 (td, 1H), 4.00 - 4.12 (m, 1H), 2.02 (br dd, 1H), 1.73 - 1.86 (m, 1H).

Yield (example 189): 73 mg (97% purity, 46 % of th.)

LC-MS (Method L1): R_t = 1.27 min; MS (ESIpos): m/z = 516 $[M+H]^-$

^{1}H-NMR (400MHz, DMSO-d6): Shift [ppm]= 9.12 - 9.22 (m, 2H), 8.35 (s, 2H), 8.03 (dd, 1H), 7.87 - 7.96 (m, 1H), 7.78 - 7.87 (m, 1H), 7.66 - 7.76 (m, 2H), 7.25 (d, 1H), 7.10 - 7.19 (m, 1H), 6.88 - 6.98 (m, 1H), 6.76 (d, 1H), 4.98 - 5.14 (m, 1H), 4.07 - 4.29 (m, 2H), 2.02 - 2.14 (m, 1H), 1.94 (dtd, 1H).

tert-butyl 1-{8-(3,5-dichlorophenyl)-3-[(4S)-3,4-dihydro-2H-chromen-4-ylcarbamoyl] quinolin-4-yl}-L-prolinate (example 243)



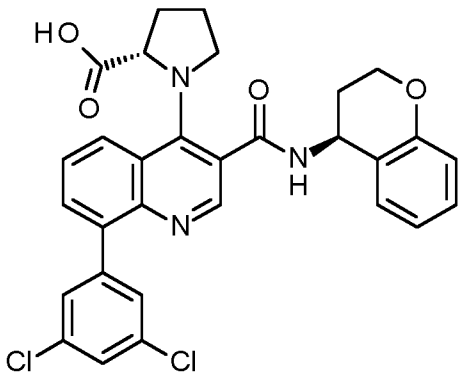
According to the procedure of example 137 the title compound was synthesized from 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 4a) (242 mg, 0.5 mmol) and tert-butyl L-prolinate (171 mg, 1.0 mmol) by heating at 100°C for 3 h.

Yield: 185 mg (60 % of th.)

LC-MS (Method L1): R_t = 1.39 min; MS (ESIpos): m/z = 618 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 1.198 (16.00), 1.918 (0.63), 1.932 (0.85), 1.945 (0.51), 4.260 (0.44), 6.788 (0.61), 6.808 (0.69), 6.939 (0.64), 7.186 (0.52), 7.394 (0.55), 7.412 (0.51), 7.638 (5.73), 7.655 (0.62), 7.676 (0.53), 7.815 (0.70), 7.832 (0.56), 8.315 (0.60), 8.334 (0.55), 8.684 (2.06), 9.236 (0.58), 9.257 (0.57).

1-{8-(3,5-dichlorophenyl)-3-[(4S)-3,4-dihydro-2H-chromen-4-ylcarbamoyl]quinolin-4-yl}-L-proline (example 261)



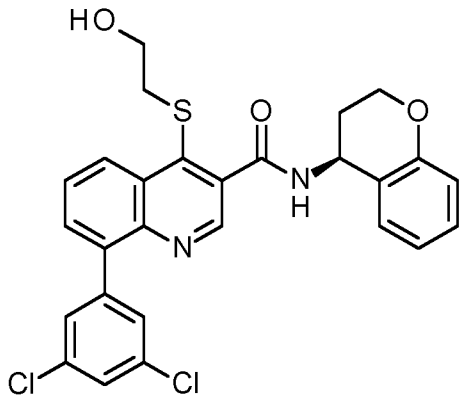
A solution of hydrogen chloride in dioxan (1 ml, 4 M) was added to a solution of tert-butyl 1-{8-(3,5-dichlorophenyl)-3-[(4S)-3,4-dihydro-2H-chromen-4-ylcarbamoyl]quinolin-4-yl}-L-prolinate (from example 243) (155 mg, 0.25 mmol) in DICHLOROMETHANE (0.8 ml) and stirred overnight at ambient temperature. The volatiles were removed under reduced pressure and the residue stirred with dichloromethane and water. The separated water phase was extracted with dichloromethane, the combined organic phases dried and evaporated. The residue was purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 52 mg (37 % of th.)

LC-MS (Method L1): R_t = 0.91 min; MS (ESIpos): m/z = 562 $[M+H]^+$

^{1}H-NMR Peaklist (500 MHz, DMSO-d6) δ [ppm]: -0.007 (3.09), 0.006 (1.99), 1.907 (2.42), 2.028 (0.58), 2.033 (0.60), 2.044 (0.71), 2.056 (0.83), 2.166 (0.52), 2.175 (0.71), 2.185 (0.75), 2.193 (0.77), 2.204 (0.50), 2.358 (0.89), 2.361 (1.22), 2.365 (0.93), 2.369 (0.58), 2.392 (0.70), 2.407 (0.71), 2.514 (3.50), 2.518 (3.01), 2.522 (2.34), 2.631 (0.87), 2.635 (1.14), 2.639 (0.81), 3.866 (0.46), 3.878 (1.06), 3.895 (0.91), 4.183 (0.43), 4.188 (0.44), 4.205 (1.12), 4.224 (0.89), 4.229 (0.73), 4.243 (0.75), 4.250 (1.08), 4.262 (0.91), 4.277 (0.46), 4.638 (0.83), 4.649 (1.02), 4.654 (1.33), 4.665 (1.06), 5.254 (0.54), 5.264 (1.14), 5.280 (1.10), 5.291 (0.50), 6.786 (2.22), 6.788 (2.18), 6.802 (2.42), 6.804 (2.32), 6.919 (1.16), 6.921 (1.08), 6.933 (2.26), 6.935 (2.11), 6.948 (1.31), 6.950 (1.18), 7.169 (1.12), 7.172 (1.16), 7.186 (1.76), 7.200 (0.93), 7.203 (0.89), 7.388 (1.80), 7.403 (1.70), 7.629 (1.72), 7.634 (4.02), 7.637 (8.89), 7.639 (16.00), 7.642 (4.87), 7.652 (2.18), 7.654 (1.91), 7.669 (1.82), 7.806 (2.51), 7.809 (2.42), 7.821 (2.05), 7.823 (1.86), 8.303 (1.86), 8.320 (1.72), 8.680 (8.25), 12.586 (0.91).

8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-[(2-hydroxyethyl)sulfanyl] quinoline-3-carboxamide (example 264)



A thick-walled vessel was charged with 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 4a) (121 mg, 250 µmol), DMSO (0.3 ml), 2-sulfanylethanol (39 mg, 500 µmol) and triethylamine (87 µl, 630 µmol), capped and heated 2h at 100°C. After cooling to ambient temperature 5 M formic acid (300 µl, 1.5 mmol) was added, the mixture dissolved by adding acetonitrile and purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

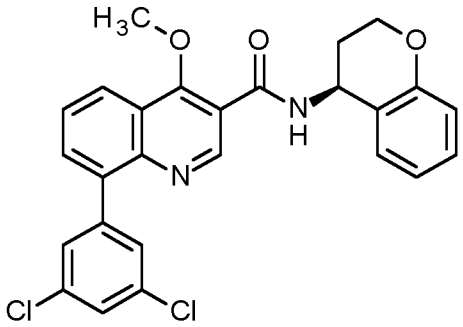
Yield: 95 mg (72 % of th.)

LC-MS (Method L1): R_t = 1.28 min; MS (ESIpos): m/z = 525 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.66), 0.008 (2.57), 2.119 (1.04), 2.128 (0.86), 2.366 (0.82), 2.710 (0.82), 3.060 (2.72), 3.077 (6.64), 3.093 (3.50), 3.287 (2.70),

3.438 (1.04), 3.454 (2.48), 3.468 (3.16), 3.481 (2.10), 3.497 (0.89), 4.254 (1.46), 4.263 (1.26), 4.273 (2.24), 4.282 (2.43), 4.297 (1.35), 4.946 (2.06), 4.960 (4.56), 4.974 (1.99), 5.291 (1.28), 5.310 (1.31), 6.781 (2.41), 6.784 (2.61), 6.802 (2.74), 6.805 (2.88), 6.910 (1.33), 6.913 (1.46), 6.928 (2.63), 6.932 (2.57), 6.947 (1.59), 6.950 (1.53), 7.151 (1.31), 7.156 (1.35), 7.173 (2.21), 7.190 (1.24), 7.194 (1.13), 7.448 (2.17), 7.465 (2.06), 7.627 (1.00), 7.632 (1.04), 7.658 (5.73), 7.662 (16.00), 7.666 (6.68), 7.669 (3.41), 7.675 (1.22), 7.838 (1.93), 7.856 (2.97), 7.859 (2.35), 7.877 (2.92), 7.929 (3.21), 7.932 (3.50), 7.946 (2.21), 7.950 (2.06), 8.624 (2.97), 8.627 (2.97), 8.645 (2.70), 8.649 (2.50), 8.881 (10.45), 9.155 (2.48), 9.175 (2.37).

8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-methoxyquinoline-3-carboxamide (example 373)



Under argon atmosphere a solution of sodium methylate in methanol (140 µl, 5.4 M, 780 µmol) was added dropwise to a solution of 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 4a) (150 mg, 310 µmol) in *N*-methyl pyrrolidon (1 ml) and the mixture stirred at ambient temperature for 40 min. Acetic acid (250 µl, 5.0 M, 1.2 mmol) was added and the mixture purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 94 mg (63% of th.)

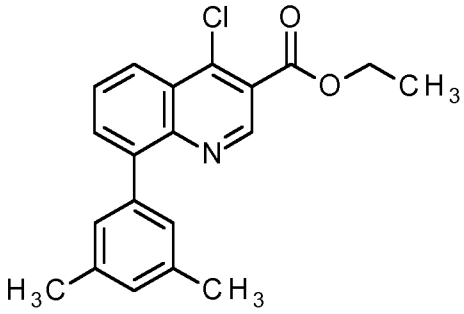
LC-MS (Method L1): R_t = 1.39 min; MS (ESIpos): m/z = 479 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 4.172 (16.00), 4.245 (0.90), 4.254 (1.07), 4.269 (1.49), 4.273 (1.51), 4.283 (0.86), 5.274 (0.83), 5.293 (0.83), 5.754 (12.35), 6.793 (1.40), 6.796 (1.53), 6.814 (1.59), 6.816 (1.66), 6.909 (0.74), 6.912 (0.74), 6.928 (1.55), 6.930 (1.54), 6.946 (0.93), 6.949 (0.91), 7.159 (0.76), 7.163 (0.82), 7.180 (1.29), 7.363 (1.33), 7.380 (1.25), 7.650 (0.88), 7.655 (2.07), 7.659 (2.33), 7.670 (7.40), 7.675 (4.39), 7.702 (1.20), 7.720 (1.66), 7.723 (1.57), 7.741 (1.47), 7.886 (1.69), 7.890 (1.80), 7.904 (1.44), 7.908 (1.42), 8.296 (1.61), 8.299 (1.63), 8.317 (1.54), 8.320 (1.45), 8.811 (5.57), 9.192 (1.36), 9.212 (1.34).

Synthesis of 4-chloro-8-(3,5-dimethylphenyl)-N-[(1S)-1,2,3,4-tetrahydronaphthalen-1-yl]quinoline-3-carboxamide (example 1).

Step 1

ethyl-4-chloro-8-(3,5-dimethylphenyl)quinoline-3-carboxylate



Under argon atmosphere a flask was charged with ethyl 8-bromo-4-chloroquinoline-3-carboxylate (330 mg, 1.05 mmol) (Zask, al. Bioorganic and Medicinal Chemistry Letters, 2003 , 1487 – 1490; Laxmikant, al. US2013/210844), 3,5-dimethylbenzene boronic acid (189 mg, 1.26 mmol) and a degassed mixture of dioxan (6.6 ml) and water 1.3 ml). Then potassium carbonate (290 mg, 2.10 mmol) and 1,1'-bis(diphenylphosphino)ferrocene-palladium(II)dichloride dichloromethane complex (42.8 mg, 52.5 µmol) were added and the mixture stirred overnight at 50°C. The reaction mixture was filtered through celite and washed with ethyl acetate and water. The organic phase of the filtrate was washed with water and brine, dried over sodium sulfate and evaporated under reduced pressure. The residue was purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile) and silica gel chromatography (cyclohexane / ethyl acetate - 5:1).

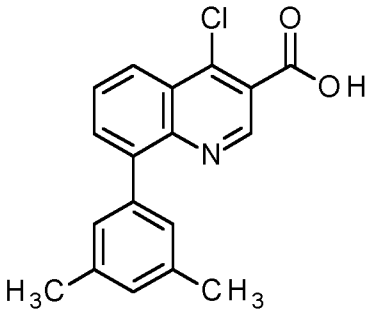
Yield: 77.0 mg (21 % of th.)

LC-MS (Method L1): R_t = 1.43 min; MS (ESIpos): m/z = 340 $[M+H]^+$

NMR: ^{1}H-NMR (400MHz, DMSO-d_6): δ [ppm]= 9.13 (s, 1H), 8.42 (dd, 1H), 7.87 - 7.96 (m, 2H), 7.20 (s, 2H), 7.07 (s, 1H), 4.44 (q, 2H), 2.35 (s, 6H), 1.38 (t, 3H).

Step 2

4-chloro-8-(3,5-dimethylphenyl)quinoline-3-carboxylic acid



To ethyl-4-chloro-8-(3,5-dimethylphenyl)quinoline-3-carboxylate (step 1) (84.0 mg, 247 µmol) in 0.5 ml ethanol and 0.5 ml THF was added an aqueous solution of sodium hydroxide (5 M, 150 µl, 740 µmol) and the mixture stirred overnight at ambient temperature. The solvents were removed under reduced pressure, the residue was dissolved in DMSO and 5 M formic acid and purified *via* prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile) yielding an off-white solid.

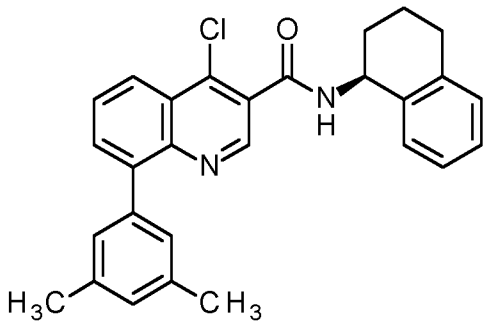
Yield: 75.0 mg (97 % of th).

LC-MS (Method L1): R_t = 1.15 min; MS (ESIpos): m/z = 312 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 2.346 (16.00), 7.062 (1.52), 7.189 (3.52), 7.884 (1.52), 7.895 (1.68), 7.902 (3.49), 8.396 (0.99), 8.403 (0.92), 8.414 (0.88), 8.421 (0.87), 9.116 (2.83).

Step 3

4-chloro-8-(3,5-dimethylphenyl)-N-[(1S)-1,2,3,4-tetrahydronaphthalen-1-yl]quinoline-3-carboxamide (example 1)



4-Chloro-8-(3,5-dimethylphenyl)quinoline-3-carboxylic acid (step 2) (71.0 mg, 228 µmol) in 1.2 ml THF was treated with (1S)-1,2,3,4-tetrahydronaphthalen-1-amine (36.9 mg, 251 µmol) and triethylamine (190 µl, 1.4 mmol) and stirred at 60°C for 10 min. Then a solution of 2,4,6-tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide in ethylacetate (200 µl, 50 % content, 340 µmol) was added, the heating removed and the mixture stirred overnight at ambient temperature. Water and 5 M formic acid (0.6 ml) were added and the solvents removed under

reduced pressure. The residue was purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 20.0 mg (20 % of th)

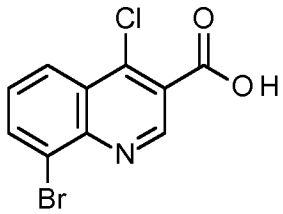
LC-MS (Method L1): R_t = 1.42 min; MS (ESIpos): m/z = 441 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.008 (4.41), 0.008 (4.06), 2.342 (16.00), 2.759 (1.07), 7.059 (1.60), 7.111 (0.66), 7.128 (1.05), 7.183 (4.61), 7.195 (1.69), 7.202 (0.82), 7.207 (0.96), 7.422 (0.89), 7.438 (0.75), 7.855 (4.02), 7.865 (2.24), 7.869 (2.26), 8.303 (1.26), 8.314 (1.10), 8.317 (1.07), 8.328 (1.10), 8.874 (5.11), 9.102 (0.96), 9.123 (0.96).

Synthesis of 8-(2,3-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(morpholin-4-yl)quinoline-3-carboxamide (example 52).

Step 1

8-bromo-4-chloroquinoline-3-carboxylic acid



To a suspension of ethyl-8-bromo-4-chlorquinoline-3-carboxylate (9.44 g, 30.0 mmol) in THF (65 ml) was added an aqueous sodiumhydroxid solution (12 ml, 10 M, 120 mmol) and the mixture stirred vigorously at ambient temperature. After 5 hours, water (12 ml) was added and the mixture stirred overnight at ambient temperature. The supernatant was decanted from the amorphous precipitate which had formed on the wall of the flask and discarded. The precipitate was dried in vacuo, yielding the sodium salt of the title compound.

LC-MS (Method L1): R_t = 0.70 min; MS (ESIpos): m/z = 285 $[M+H]^+$

^{1}H-NMR (400MHz, DMSO-d_6): δ [ppm] = 8.98 (s, 1H), 8.29 (dd, 1H), 8.16 - 8.23 (m, 1H), 7.64 (t, 1H).

The remaining wet solid was dissolved in water (250 ml) at 60°C and formic acid (57 ml, 5.0 M, 280 mmol) was added under vigorous stirring resulting in a pH value of 3 and formation of a precipitate. The mixture was cooled to ambient temperature, the precipitate filtered off, washed with water and dried in vacuo at 40°C.

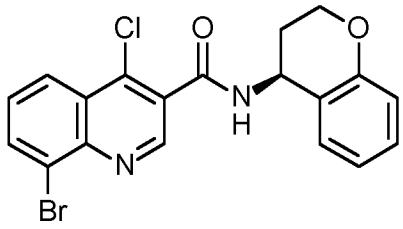
Yield: 7.0 g (98 % purity, 80 % of th.)

LC-MS (Method L1): R_t = 0.70 min; MS (ESIpos): m/z = 285 $[M+H]^+$

^{1}H-NMR (400MHz, DMSO-d_6): δ [ppm] = 14.12 (br s, 1H), 9.25 (s, 1H), 8.42 (d, 1H), 8.36 (d, 1H), 7.75 (t, 1H).

Step 2

8-bromo-4-chloro-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide



8-Bromo-4-chloroquinoline-3-carboxylic acid (step 1) (7.00 g, 24.4 mmol) was dissolved in THF by stirring in an oilbath of 50°C for 10 min. The heating was removed, (4S)-chroman-4-amine hydrochloride (5.44 g, 29.3 mmol), *N,N*-diisopropyl-ethyl-amine (17 ml, 98 mmol) and a solution of 2,4,6-tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide in ethyl acetate (23 ml, 50 % content, 39 mmol) were added, which caused an increase in temperature to 45°C. Stirring was continued for 30 min and water (300 ml) was added under continuous stirring to support precipitation of a solid. The precipitate was collected, washed with water and dried in vacuo.

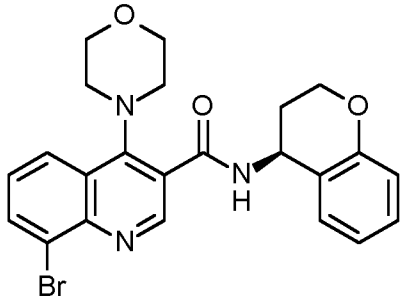
Yield: 9.50 g (93 % of th.)

LC-MS (Method L1): R_t = 1.01 min; MS (ESIneg): m/z = 417 $[M+H]^-$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 2.047 (0.74), 2.054 (0.99), 2.063 (1.54), 2.070 (1.66), 2.081 (1.85), 2.088 (1.86), 2.097 (2.49), 2.104 (2.18), 2.113 (1.49), 2.120 (1.08), 2.197 (1.06), 2.206 (1.61), 2.218 (2.41), 2.231 (2.17), 2.239 (2.10), 2.252 (1.56), 2.264 (1.01), 2.273 (0.71), 2.328 (0.42), 2.670 (0.47), 4.205 (1.18), 4.212 (1.43), 4.233 (3.76), 4.240 (2.80), 4.253 (3.08), 4.261 (2.42), 4.277 (2.42), 4.285 (3.12), 4.293 (2.75), 4.302 (3.10), 4.313 (1.33), 4.321 (1.40), 4.329 (1.04), 5.266 (1.51), 5.281 (3.35), 5.300 (3.35), 5.315 (1.47), 6.793 (5.60), 6.814 (6.35), 6.922 (2.99), 6.940 (6.44), 6.959 (3.78), 7.162 (3.04), 7.165 (3.11), 7.183 (5.15), 7.201 (2.48), 7.382 (5.42), 7.401 (5.04), 7.713 (4.62), 7.733 (8.03), 7.754 (5.29), 8.312 (6.79), 8.324 (8.26), 8.327 (8.69), 8.345 (6.64), 9.042 (16.00), 9.264 (4.77), 9.285 (4.67).

Step 3

8-bromo-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(morpholin-4-yl)quinoline-3-carboxamide



To a suspension of 8-bromo-4-chloro-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 2) (9.50 g, 22.7 mmol) in THF (70 ml), morpholine (6.0 ml, 68 mmol) and 1,4-diazabicyclo[2.2.2]octane (2.55 g, 22.7 mmol) were added and stirred for 1.5 h at 80°C bath temperature. Water was added (30 ml) and the THF evaporated under reduced pressure. More water was added and the suspension stirred first at 50°C then at ambient temperature. The precipitate was filtered off, washed with water and dried in vacuo.

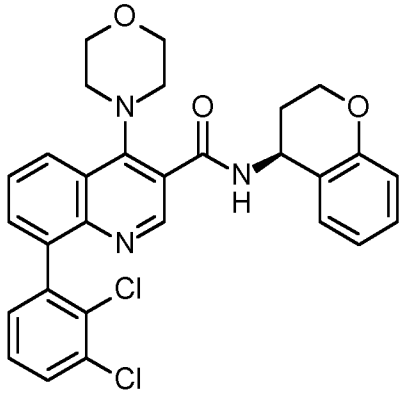
Yield: 10.5 g (98 % of th.)

LC-MS (Method L1): R_t = 0.92 min; MS (ESIneg): m/z = 466 $[M-H]^-$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.41), -0.008 (4.42), 0.008 (3.18), 2.041 (0.54), 2.048 (0.76), 2.056 (1.13), 2.063 (1.19), 2.076 (1.30), 2.091 (1.80), 2.098 (1.57), 2.106 (1.11), 2.197 (0.74), 2.206 (1.17), 2.218 (1.70), 2.231 (1.59), 2.240 (1.58), 2.253 (1.13), 2.262 (0.74), 2.274 (0.52), 2.327 (0.60), 2.366 (0.49), 2.523 (2.30), 2.669 (0.66), 2.710 (0.48), 3.217 (0.69), 3.228 (1.18), 3.248 (4.71), 3.258 (11.00), 3.269 (11.28), 3.279 (5.00), 3.842 (8.92), 3.853 (14.13), 3.864 (8.07), 4.214 (0.80), 4.221 (1.01), 4.242 (2.68), 4.249 (2.03), 4.263 (2.41), 4.271 (2.08), 4.276 (2.00), 4.286 (2.44), 4.293 (2.07), 4.302 (2.18), 4.314 (0.86), 4.321 (0.96), 4.329 (0.65), 5.245 (1.10), 5.259 (2.45), 5.279 (2.44), 5.292 (1.06), 6.797 (4.29), 6.815 (4.84), 6.927 (2.26), 6.929 (2.16), 6.946 (4.75), 6.964 (2.87), 7.164 (2.33), 7.167 (2.40), 7.185 (3.85), 7.202 (1.91), 7.206 (1.79), 7.385 (4.05), 7.403 (3.77), 7.499 (3.74), 7.518 (5.40), 7.538 (4.06), 8.123 (4.80), 8.125 (5.04), 8.142 (4.71), 8.144 (4.51), 8.197 (4.92), 8.199 (4.64), 8.218 (4.71), 8.753 (16.00), 9.177 (3.99), 9.197 (3.89).

Step 4

8-(2,3-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(morpholin-4-yl)quinoline-3-carboxamide (example 52)



Under argon atmosphere potassium carbonate (1.29 g, 9.31 mmol) was dissolved in a degassed 5:1 mixture of dioxan and water (21 ml) by sonification. 1,1'-bis(diphenylphosphino)ferrocene-palladium(II)dichloride dichloromethane complex (190 mg, 0.23 mmol) and 8-bromo-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(morpholin-4-yl)quinoline-3-carboxamide (step 3) (2.18 g, 4.65 mmol) were added, followed by 2,3-dichlorobenzene boronic acid (977 mg, 5.12 mmol). The vessel was closed and stirred at 80°C bath temperature for 2.5 h. Water was added and the mixture extracted with ethyl acetate. The organic phases were dried and evaporated under reduced pressure. The residue was purified by column-chromatography on silica (10 g), eluent: cyclohexane / ethyl acetate (15-35%). The obtained solid was stirred in a mixture of MTBE (30 ml) and methanol (1.5 ml), filtered off an dried in vacuo.

Yield: 2.03 g (82 % of th.)

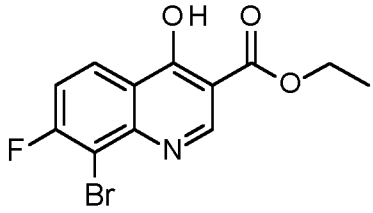
LC-MS (Method L1): R_t = 1.13 min; MS (ESIpos): m/z = 534 $[M+H]^+$

^{1}H-NMR Peaklist (600 MHz, DMSO-d6) δ [ppm]: 2.056 (0.40), 2.199 (0.43), 2.208 (0.44), 2.214 (0.44), 3.269 (0.65), 3.280 (1.04), 3.289 (1.15), 3.300 (1.36), 3.307 (1.17), 3.321 (0.61), 3.335 (16.00), 4.233 (0.78), 4.237 (0.53), 4.247 (0.59), 4.251 (0.49), 4.261 (0.49), 4.267 (0.62), 4.272 (0.54), 4.278 (0.63), 5.239 (0.42), 5.246 (0.54), 5.260 (0.42), 6.781 (1.24), 6.794 (1.32), 6.911 (0.70), 6.915 (0.74), 6.928 (0.40), 7.150 (0.59), 7.162 (0.96), 7.175 (0.49), 7.310 (0.47), 7.312 (0.47), 7.323 (0.59), 7.324 (0.57), 7.336 (0.53), 7.338 (0.53), 7.348 (0.71), 7.350 (0.72), 7.357 (1.04), 7.370 (0.95), 7.420 (0.46), 7.432 (1.04), 7.445 (1.07), 7.457 (0.42), 7.664 (0.76), 7.676 (1.51), 7.690 (2.57), 7.693 (1.60), 7.704 (2.49), 7.716 (0.68), 8.281 (1.15), 8.283 (1.14), 8.295 (1.07), 8.297 (1.02), 8.588 (1.70), 8.595 (1.82), 9.166 (0.54), 9.180 (1.03), 9.195 (0.56).

Synthesis of 8-(3-chlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(dimethyl-amino)-7-fluoroquinoline-3-carboxamide (example 141).

Step 1

ethyl 8-bromo-7-fluoro-4-hydroxyquinoline-3-carboxylate



A mixture of 2-bromo-3-fluoroaniline (24.89 g, 131 mmol) and diethyl ethoxymethylenemalonate (28.33 g, 131 mmol, 26 mL) was stirred at room temperature for 16 h. Stirring was continued at 250°C under vacuo (60 mbar) for 6 h. The reaction mixture was allowed to cool to room tempearture. The solid residue was stirred in refluxing ethyl acetate (400 mL). The precipitate was filtered off and washed with ethyl acetate. The solid was stirred in a refluxing mixture of ethanol (400 mL) and methanol (40 mL). The hot suspension was filtered off. The solid was washed with ethanol and dried on air.

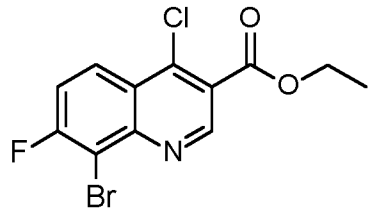
Yield: 28.60 g (83 mmol, 63% of th.)

LC-MS (Method L2): R_t = 1.73 min, m/z = 314/316 $(M+H)^+$

^{1}H-NMR (400 MHz, DMSO-d6) δ 11.78 (s, 1H), 8.45 (s, 1H), 8.22 (m, 1H), 7.50 - 7.39 (m, 1H), 4.23 (d, J = 7.1 Hz, 2H), 1.28 (t, J = 7.1 Hz, 3H).

Step 2

ethyl 8-bromo-4-chloro-7-fluoroquinoline-3-carboxylate



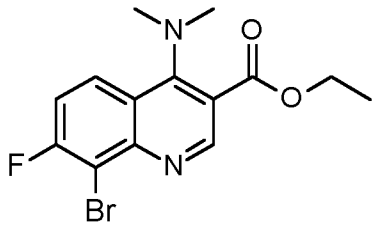
To stirring phosphorus oxychloride (38.4 g, 250 mmol, 23 mL) was added ethyl 8-bromo-7-fluoro-4-hydroxyquinoline-3-carboxylate (step 1) (23.6 g, 75 mmol). The resulting suspension was stirred at 80°C for 1 h. The mixture was allowed to cool to room temperature and was poured out into vigorously stirred ice-water (100 mL). The resulting mixture was left standing for two days at room temperature. The precipitate was collected by filtration and was washed with water until the filtrate was neutral. Solids were triturated in a mixture of diethyl ether and diisopropyl ether (1:1; 1 L). Solids were filtered off. The filtrate was concentrated in vacuo at 25°C. After co-evaporation of the residue with toluene 21.3 g (64 mmol, 85% of theory) of the title compound were obtained.

Yield: 21.3 g (64 mmol, 85% of th.)

LC-MS (Method L2): R_t = 2.18 min, m/z = 332/334 $(M+H)^+$

Step 3

ethyl 8-bromo-4-(dimethylamino)-7-fluoroquinoline-3-carboxylate



To a solution of ethyl 8-bromo-4-chloro-7-fluoroquinoline-3-carboxylate (step 2) (14.31 g, 43 mmol) in dry tetrahydrofuran (150 mL) were added triethyl amine (8.71 g, 86 mmol, 12 mL) and dimethylamine (2 M in tetrahydrofuran; 48 mmol, 24 mL). The reaction mixture was stirred for 16 h at room temperature. Solids were filtered off and washed with tetrahydrofuran. The filtrate was concentrated in vacuo to afford the title compound.

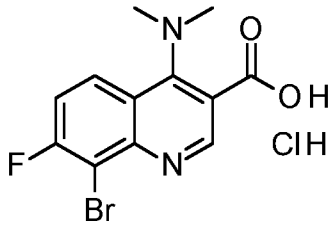
Yield: 12.66 g (37 mmol, 86% of th.)

LC-MS (Method L2): R_t = 1.75 min, m/z = 341/343 $(M+H)^+$

^{1}H-NMR (400 MHz, DMSO-d6) δ 8.86 (s, 1H), 8.28 (dd, J = 9.4, 6.1 Hz, 1H), 7.63 (dd, J = 9.4, 8.2 Hz, 1H), 4.39 (q, J = 7.1 Hz, 2H), 3.07 (s, 6H), 1.36 (t, J = 7.1 Hz, 3H).

Step 4

ethyl 8-bromo-4-(dimethylamino)-7-fluoroquinoline-3-carboxylate hydrochloride



To a solution of ethyl 8-bromo-4-(dimethylamino)-7-fluoroquinoline-3-carboxylate (step 3) (14.0 g, 41 mmol) in tetrahydrofuran (100 mL) was added a solution of lithiumhydroxide monohydrate (11.5 g, 274 mmol) in water (100 mL). The mixture was stirred for 16 h at 75°C and was allowed to cool to room temperature. Layers were separated and the aqueous layer was extracted with tetrahydrofuran (2x150 mL). Combined organic layers were concentrated in vacuo and hydrochloric acid (4 M; 100 mL) was added. The solid was filtered off, washed with water and diethyl ether and was dried on air to afford the title compound.

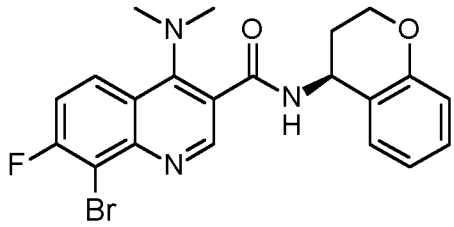
Yield: 10.6 g (30 mmol, 74% of th.)

LC-MS (Method L2): R_t = 1.21 min, m/z = 313/315 $(M+H)^+$

^{1}H-NMR (400 MHz, DMSO-d6) δ 8.73 (s, 1H), 8.41 (dd, J = 9.4, 5.7 Hz, 1H), 7.66 (dd, J = 9.4, 8.1 Hz, 1H), 3.35 (s, 6H) [acidic protons were not detected].

Step 5

8-bromo-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(dimethylamino)-7-fluoroquinoline-3-carboxamide



To a solution of 8-bromo-4-(dimethylamino)-7-fluoroquinoline-3-carboxylic acid hydrochloride (step 4) (2.00 g, 5.7 mmol) in N,N-dimethylformamide (50 mL) were added 1-[bis(dimethylamino)-methylene]-1H-1,2,3-triazolo[4,5-b]pyridinium 3-oxid hexafluorophosphate (2.18 g, 5.7 mmol) and *N,N*-diisopropylethylamine (4.21 g, 32.6 mmol, 5.7 mL). The mixture was stirred at room temperature for 1 h. (4S)-Chroman-4-amine hydrochloride (1.06 g, 5.7 mmol) was added. The reaction mixture was stirred for 16 h at room temperature. The mixture was poured out into water (200 mL). Solids were filtered off, washed with water and were dried in vacuo. After co-evaporation with toluene and ethyl acetate the title compound was obtained.

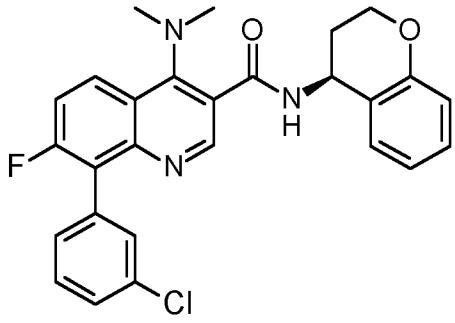
Yield: 1.90 g (4.3 mmol, 75% of th.)

LC-MS (Method L2): R_t = 1.78 min, m/z = 444/446 $(M+H)^+$

^{1}H-NMR (400 MHz, DMSO-d6) δ 9.12 (d, J = 8.1 Hz, 1H), 8.70 (s, 1H), 8.23 (dd, J = 9.4, 6.1 Hz, 1H), 7.59 (dd, J = 9.3, 8.3 Hz, 1H), 7.37 (d, J = 6.8 Hz, 1H), 7.22 - 7.14 (m, 1H), 6.98 - 6.90 (m, 1H), 6.81 (dd, J = 8.2, 1.0 Hz, 1H), 5.29 - 5.20 (m, 1H), 4.34 - 4.19 (m, 2H), 3.06 (s, 6H), 2.27 - 2.15 (m, 1H), 2.11 - 2.00 (m, 1H).

Step 6

8-(3-chlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(dimethyl-amino)-7-fluoroquinoline-3-carboxamide (example 141)



In an 8 mL screw capped vial, to a degassed (1 min, nitrogen) mixture of 8-bromo-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(dimethylamino)-7-fluoroquinoline-3-carboxamide (100 mg, 0.225 mmol), (3-chlorophenyl)boronic acid (42 mg, 0.270 mmol) and sodium carbonate (72 mg, 0.675 mmol) in a mixture of tetrahydrofuran (1.30 mL) and water (0.25 mL) was added 1,1'-bis(diphenylphosphino)ferrocenepalladium(II) dichloride (3 mg, 0.005 mmol). The reaction mixture was stirred for 16 h at 60°C and was cooled to room temperature. Water (5 mL) was added and the aqueous layer was extracted with dichloromethane (3x3 mL) by phase separator. Solvents were removed in vacuo. Purification by flash column chromatography (heptane, 5%-35% ethyl acetate) afforded the title compound.

Yield: 56 mg (0.118 mmol, 52% of th.)

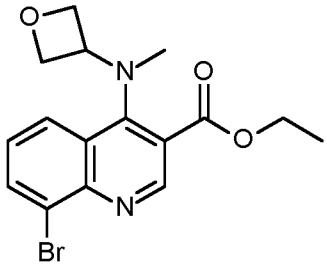
LC-MS (Method L2): R_t = 3.03 min, m/z = 476 $(M+H)^+$

^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (d, J = 8.2 Hz, 1H), 8.58 (s, 1H), 8.27 (dd, J = 9.4, 6.2 Hz, 1H), 7.60 (t, J = 9.3 Hz, 1H), 7.55 - 7.45 (m, 3H), 7.43 - 7.31 (m, 2H), 7.20 - 7.12 (m, 1H), 6.95 - 6.88 (m, 1H), 6.83 - 6.76 (m, 1H), 5.28 - 5.19 (m, 1H), 4.32 - 4.19 (m, 2H), 3.07 (s, 6H), 2.25 - 2.14 (m, 1H), 2.09 - 1.98 (m, 1H).

Synthesis of 8-(2,3-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-[methyl (oxetan-3-yl)amino]quinoline-3-carboxamide (example 331).

Step 1

ethyl 8-bromo-4-[methyl(oxetan-3-yl)amino]quinoline-3-carboxylate



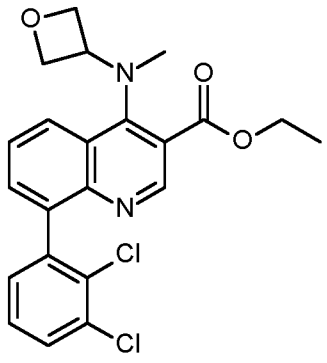
A flask was charged with ethyl 8-bromo-4-chloroquinoline-3-carboxylate (1.26 g, 4 mmol) (Zask, al. Bioorganic and Medicinal Chemistry Letters, 2003 , 1487 – 1490; Laxmikant, al. US2013/210844), 1-methyl-3-oxetanamine (0.42 g, 4 mmol), *N,N*-diisopropyl-ethylamin (0.62 g, 4.8 mmol) in 40 mL Acetonitril. The reaction mixture was refluxed for 24 hours. Then the solvent was removed under reduced pressure and the remaining material was dissolved in ethyl acetate and washed twice with water. The organic phase was separated, dried over calcium sulfate, filtered and the filtrate was removed under reduced pressure. The resulting residue was purified by reverse phase column chromatography (eluent water / acetonitrile gradient).

Yield: 1.2 g (3.2 mmol, 82% of th.)

^{1}H-NMR (400 MHz, DMSO-d6) δ 8.94 (s, 1H), 8.20 (d, 1H), 8.14 (d, 1H), 7.55 (dd, 1H), 4.72 – 4.62 (m, 5H, oxetanyl), 4.43 – 4.38 (q, 2H), 3.10 (s, 3H), 1.37 (t, 3H).

Step 2

ethyl 8-(2,3-dichlorophenyl)-4-[methyl(oxetan-3-yl)amino]quinoline-3-carboxylate



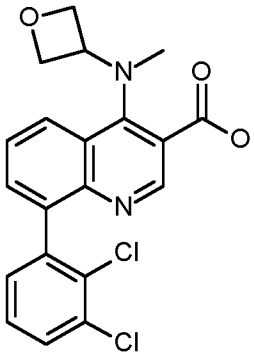
In an microwave vial, to a degassed (1 min, argon) mixture of ethyl 8-bromo-4-[methyl(oxetan-3-yl)amino]quinoline-3-carboxylate (step 1) (500 mg, 1.37 mmol), (2,3-dichlorophenyl)boronic acid (261 mg, 1.37 mmol), an aqueous solution of cesium carbonate (2M, 1.37 mL, 2.74 mmol) and dioxane (12.5 mL) was added 1,1'-bis(diphenylphosphino)ferrocenepalladium(II) dichloride (111 mg, 0.14 mmol). The reaction mixture was treated in a Biotage microwave oven for 25 minutes at 100 °C. The reaction mixture was filtered *via* a sodium sulfate / silica gel cartridge and purified by reverse phase column chromatography (eluent water / acetonitrile gradient).

Yield: 600 mg (98% of th.)

^{1}H-NMR (400 MHz, DMSO-d6) δ 8.77 (s, 1H), 8.21 (t, 1H), 7.74 (d, 2H), 7.71 (d, 1H), 7.45 (t, 1H), 7.36 (d, 1H), 4.76 – 4.65 (m, 5H, oxetanyl), 4.40 – 4.34 (q, 2H), 3.14 (s, 3H), 1.34 (t, 3H).

Step 3

8-(2,3-dichlorophenyl)-4-[methyl(oxetan-3-yl)amino]quinoline-3-carboxylic acid



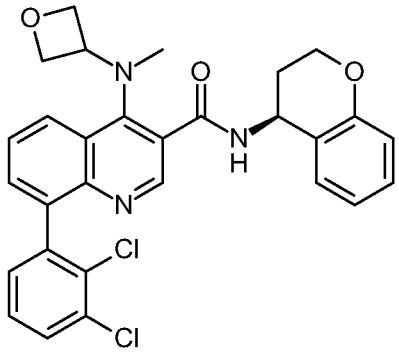
Ethyl 8-(2,3-dichlorophenyl)-4-[methyl(oxetan-3-yl)amino]quinoline-3-carboxylate (step 2) (580 mg, 1.34 mmol) was dissolved in 20 mL dioxane and mixed with LiOH (35.4 mg, 1.48 mmol) in 5 mL water. The rection mixture was heated for 16 hours at 60 °C. The dioxane was removed under reduced pressure, the remaining solution was taken into a mixture of ethyl acetate and water. The aqueous phase was separated and treated with 1N HCl until pH 5. This acidified solution was extracted twice with ethyl acetate, the combined extracts were dried, filtered and the solvent was removed under reduced pressure. The obtained compound was used in the next step without further purification.

Yield: 570 mg (99% of th.)

^{1}H-NMR (400 MHz, DMSO-d6) δ 12.00 (bs, 1H, COOH), 8.73 (s, 1H), 8.24 – 8.22 (dd, 1H), 7.23 – 7.68 (m, 3H), 7.44 (t, 1H), 7.37 – 7.35 (dd, 1H), 4.76 – 4.65 (m, 5H, oxetanyl), 3.13 (s, 3H).

Step 4

8-(2,3-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-[methyl(oxetan-3-yl)amino]-quinoline-3-carboxamide (example 331)



A flask was charged with 8-(2,3-dichlorophenyl)-4-[methyl(oxetan-3-yl)amino]quinoline-3-carboxylic acid (step 3) (260 mg, 0.645 mmol), (4S)-chroman-4-amine hydrochloride (131.7 mg, 0.71 mmol), *N,N*-diisopropyl ethylamine (250 mg, 1.93 mmol), 4-(*N,N*-dimethylamino) pyridine (39.4 mg, 0.32 mmol), 1-hydroxy-1*H*-benzotriazole (43.5 mg, 0.32 mmol) and 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride (123.6 mg, 0.645 mmol) in 10 mL dichloromethane. The reaction mixture was stirred at ambient temperature overnight, then mixed with water, the dichloromethane phase was separated, dried *via* a sodium sulfate / silica gel cartridge and the solvent was removed under reduced pressure. The residue was purified by reverse phase column chromatography (eluent water / acetonitrile gradient) to obtain the title compound.

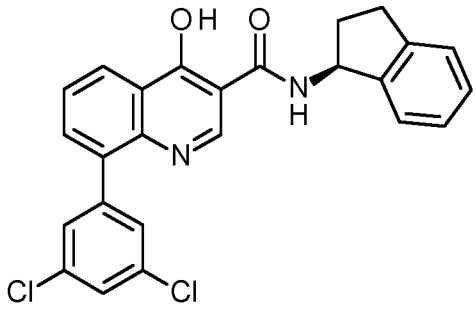
Yield: 130 mg (0.24 mmol, 37% of th.)

^{1}H-NMR Peaklist (399,9532 MHz, DMSO): δ= 9.1403 (1.94); 9.1288 (2); 9.1208 (2.32); 9.1103 (1.85); 8.6012 (10.54); 8.4715 (0.58); 8.3155 (1.57); 8.2143 (2.25); 8.1975 (2.56); 8.1729 (1.06); 7.7323 (2.07); 7.7127 (5.31); 7.6894 (10.46); 7.6737 (1.95); 7.4635 (1.67); 7.4521 (1.74); 7.4433 (2.94); 7.4332 (2.77); 7.4235 (2.08); 7.4143 (1.65); 7.3824 (1.86); 7.3618 (4.63); 7.3428 (4.44); 7.3225 (1.63); 7.1895 (1.81); 7.171 (3.64); 7.1535 (2.27); 6.9433 (2.6); 6.9255 (4.32); 6.9084 (2.02); 6.8059 (4.77); 6.7848 (4.45); 6.5782 (0.9); 5.2488 (1.97); 5.237 (2); 4.725 (1.91); 4.697 (7.04); 4.6722 (5.48); 4.6575 (5.6); 4.5955 (1.22); 4.5844 (1.61); 4.2921 (2.17); 4.2752 (3.94); 4.2675 (3.64); 4.2552 (2.23); 4.2471 (2.41); 4.2281 (0.89); 3.3183 (319.34); 3.2701 (0.87); 3.2496 (0.61); 3.1747 (0.71); 3.081 (16); 3.0759 (15.54); 2.9497 (1.08); 2.6703 (8.96); 2.5893 (0.63); 2.5051 (1239.6); 2.5012 (1583.24); 2.4971 (1204.24); 2.3276 (9.3); 2.2832 (0.88); 2.2475 (1.34); 2.2286 (1.72); 2.2205 (1.78); 2.1313 (0.96); 2.074 (5.92); 2.0168 (0.96); 1.2694 (0.87); 1.169 (4.47); 1.0034 (0.71); 0.9887 (0.75); 0.1463 (2.93); -0.0001 (642.47); -0.0792 (0.67); -0.1497 (3.13); -3.3083 (0.55).

Synthesis of 8-(3,5-dichlorophenyl)-N-[(1S)-2,3-dihydro-1H-inden-1-yl]-4-ethoxyquinoline -3-carboxamide (example 134).

Step 1

8-(3,5-dichlorophenyl)-N-[(1S)-2,3-dihydro-1H-inden-1-yl]-4-hydroxyquinoline-3-carboxamide



A solution of 8-(3,5-dichlorophenyl)-4-hydroxyquinoline-3-carboxylic acid (5.50 g, 16.5 mmol) in THF was treated stirred with (1S)-indan-1-amine (2.5 ml, 20 mmol) and trimethylamine (9.2 ml, 66 mmol) for 10 min at ambient temperature. Then a solution of 2,4,6-tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide in ethylacetate (19.6 ml, 50 % content, 33 mmol) was added an stirred overnight at ambient temperature. Water (100 ml) was added and the THF evaporated under reduced pressure. More water and ethyl acetate were added and the mixture cleared by filtration. The aqueous phase was extracted with ethyl acetate and the combined organic phases dried and evaporated under reduced pressure. The residue was purified by column chromatography on silica (340 g) with cyclohexane / ethyl acetate (15-40%). Two fractions were isolated:

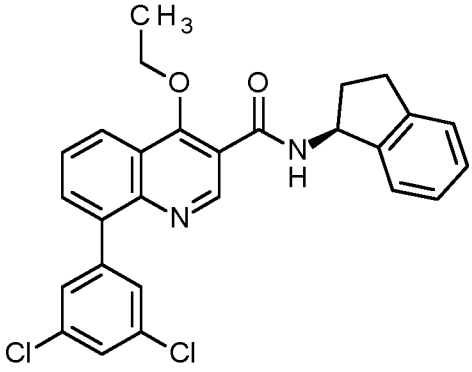
Yield: 3.0 g (98 % purity, 40 % of th.) and 0.69 g (94 % purity, 9 % of th.)

LC-MS (Method L1): R_t = 1.27 min; MS (ESIneg): m/z = 447 $[M+H]^-$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 1.849 (1.87), 1.868 (2.39), 1.880 (2.59), 1.900 (2.50), 1.921 (1.16), 2.578 (3.74), 2.588 (3.08), 2.841 (1.03), 2.862 (1.82), 2.882 (2.65), 2.902 (3.54), 2.922 (2.00), 2.977 (2.56), 2.990 (2.71), 2.999 (2.71), 3.029 (1.74), 5.474 (1.16), 5.493 (3.52), 5.512 (3.77), 5.531 (1.67), 7.197 (1.27), 7.214 (3.91), 7.233 (6.17), 7.256 (5.56), 7.280 (7.00), 7.298 (9.89), 7.316 (4.52), 7.521 (2.83), 7.540 (5.61), 7.560 (4.06), 7.626 (14.53), 7.631 (16.00), 7.695 (5.87), 7.713 (5.06), 7.804 (5.42), 8.297 (4.58), 8.318 (4.68), 8.611 (4.35), 8.624 (4.69), 10.285 (4.44), 10.304 (4.72), 11.637 (3.53).

Step 2

8-(3,5-dichlorophenyl)-N-[(1S)-2,3-dihydro-1H-inden-1-yl]-4-ethoxyquinoline-3-carboxamide (example 134)



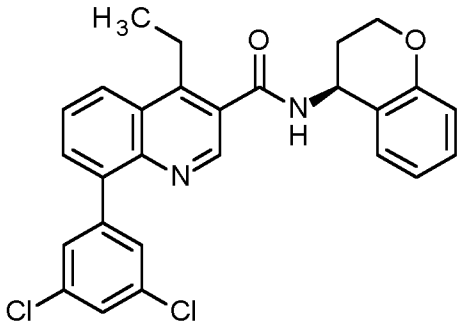
8-(3,5-dichlorophenyl)-N-[(1S)-2,3-dihydro-1H-inden-1-yl]-4-hydroxyquinoline-3-carboxamide (step 1) (70.0 mg, 156 µmol), ethanol (27 µl, 470 µmol), triphenylphosphine (61.3 mg, 234 µmol) and diisopropyl-(*E*)-diazene-1,2-dicarboxylate (46 µl, 230 µmol) were stirred in THF (1 ml) at ambient temperature for 6 h. 5 M formic acid (93 µl, 470 µmol) was added, the solvent evaporated and the residue purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 40 mg (92 % purity, 49 % of th.)

LC-MS (Method L7): R_t = 2.60 min; MS (ESIpos): m/z = 477 $[M+H]^+$

^{1}H-NMR (Peaklist) (500 MHz, DMSO-d6) δ [ppm]: -0.007 (4.15), 0.007 (3.67), 1.235 (1.26), 1.395 (7.56), 1.409 (16.00), 1.423 (7.72), 1.950 (1.18), 1.966 (1.28), 1.975 (1.34), 1.991 (1.30), 2.522 (1.98), 2.853 (1.24), 2.869 (1.51), 2.885 (1.92), 2.901 (0.85), 2.981 (1.03), 2.989 (1.09), 2.999 (1.11), 3.006 (1.07), 3.013 (0.81), 3.286 (5.84), 4.352 (1.51), 4.354 (1.53), 4.366 (4.56), 4.368 (4.83), 4.380 (4.46), 4.383 (4.79), 4.394 (1.38), 4.396 (1.51), 5.533 (0.78), 5.549 (2.29), 5.564 (2.27), 5.580 (0.78), 5.754 (0.91), 7.227 (2.02), 7.231 (3.49), 7.238 (4.46), 7.245 (4.52), 7.249 (3.34), 7.260 (1.11), 7.278 (2.99), 7.290 (1.65), 7.294 (1.20), 7.400 (2.19), 7.406 (2.33), 7.417 (2.00), 7.654 (2.35), 7.658 (5.35), 7.661 (4.98), 7.674 (15.77), 7.678 (10.55), 7.714 (2.52), 7.729 (3.39), 7.731 (3.32), 7.745 (2.97), 7.889 (3.47), 7.891 (3.80), 7.903 (3.01), 7.906 (3.03), 8.304 (3.32), 8.307 (3.57), 8.321 (3.16), 8.324 (3.16), 8.842 (11.93), 8.998 (2.83), 9.015 (2.77).

Synthesis of 8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-ethyl quinoline-3-carboxamide (example 350).



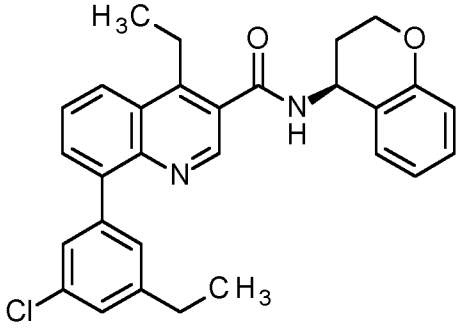
A solution of diethylzinc in heptane (400 µl, 1.0 M, 400 µmol) was added dropwise to a mixture of 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 4, example 4) (97 mg, 200 µmol) and 1,1'-bis(diphenylphosphino)ferrocene-palladium(II)dichloride dichloromethane complex (32.7 mg, 40.0 µmol) in dioxan (2 ml) and stirred at 90°C overnight under an argon atmosphere. 5 M formic acid (160 µl, 5.0 M, 800 µmol) and DMSO (1 ml) were added and the filtered mixture was purified twice by preparative HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 52 mg (98 % purity, 53 % of th.)

LC-MS (Method L1): R_t = 1.35 min; MS (ESIpos): m/z = 477 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 1.303 (2.43), 1.322 (5.61), 1.341 (2.50), 3.252 (2.09), 3.271 (2.06), 4.250 (1.06), 4.259 (1.62), 4.268 (1.95), 4.275 (1.54), 4.284 (1.06), 5.305 (0.92), 5.325 (0.92), 6.783 (1.53), 6.785 (1.66), 6.803 (1.75), 6.806 (1.83), 6.911 (0.78), 6.914 (0.83), 6.930 (1.72), 6.932 (1.71), 6.948 (1.03), 6.951 (1.00), 7.149 (0.86), 7.153 (0.89), 7.170 (1.43), 7.350 (1.48), 7.370 (1.41), 7.652 (16.00), 7.752 (1.09), 7.770 (1.68), 7.791 (1.47), 7.871 (1.93), 7.874 (2.04), 7.889 (1.44), 7.892 (1.42), 8.319 (1.50), 8.322 (1.58), 8.340 (1.43), 8.343 (1.39), 8.839 (5.77), 9.102 (1.60), 9.123 (1.55).

Isolation of 8-(3-chloro-5-ethylphenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-ethylquinoline-3-carboxamide (example 351).



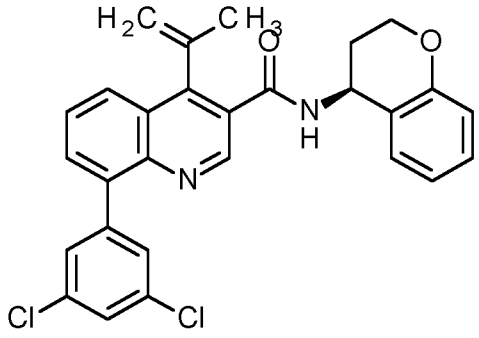
The preparative HPLC separation described in example 350 yielded the title compound as a by-product.

Yield: 12 mg (100% purity, 13% of th.)

LC-MS (Method L1): R_t = 1.36 min; MS (ESIpos): m/z = 471 $[M+H]^+$

^{1}H-NMR (400MHz, DMSO-d_6): δ [ppm]= 9.10 (d, 1H), 8.81 (s, 1H), 8.29 (dd, 1H), 7.72 - 7.83 (m, 2H), 7.46 (t, 1H), 7.31 - 7.40 (m, 3H), 7.17 (t, 1H), 6.93 (td, 1H), 6.79 (dd, 1H), 5.27 - 5.35 (m, 1H), 4.22 - 4.31 (m, 2H), 3.21 - 3.29 (m, 2H) superimpose by water signal, 2.64 - 2.73 (m, 2H), 2.16 - 2.26 (m, 1H), 2.01 - 2.11 (m, 1H), 1.32 (t, 3H), 1.23 (t, 3H).

Synthesis of 8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(prop-1-en-2-yl)quinoline-3-carboxamide (example 317)



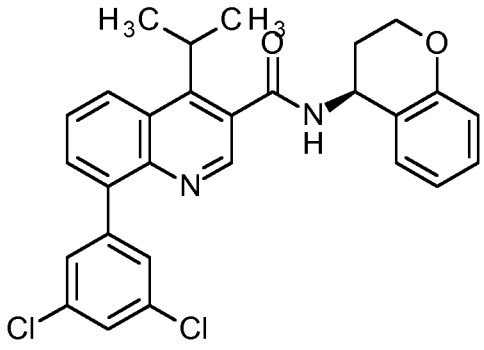
Under argon atmosphere and continuos sonication potassium carbonate (571 mg, 4.13 mmol) was dissolved in a thick-walled vessel in a 5:1 degassed mixture of dioxan and water (7.0 ml). 1,1'-bis(diphenylphosphino)ferrocene-palladium(II)dichloride dichloromethane complex (84.4 mg, 103 µmol) and 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (step 4, example 4) (1.00 g, 2.07 mmol) were added, followed by 4,4,5,5-tetramethyl-2-(prop-1-en-2-yl)-1,3,2-dioxaborolane (0.49 ml, 4.1 mmol). The vessel was capped and stirred at 80°C for 4 h. 5 M formic acid (1.3 ml) and water were added and the mixture extracted with ethyl acetate. The organic phases were dried and evaporated under reduced pressure. The residue was purified by column chromatography on silica (50 g), eluent: cyclohexane / ethyl acetate (7-16%).

Yield: 885 mg (87 % of th.)

LC-MS (Method L1): R_t = 1.39 min; MS (ESIpos): m/z = 489 $[M+H]^+$

^{1}H-NMR (400MHz, DMSO-d6): Shift [ppm] = 8.88 - 9.00 (m, 2H), 8.04 (dd, 1H), 7.90 (dd, 1H), 7.76 (dd, 1H), 7.67 (s, 3H), 7.32 (br d, 1H), 7.11 - 7.22 (m, 1H), 6.92 (t, 1H), 6.78 (dd, 1H), 5.54 (s, 1H), 5.18 - 5.30 (m, 1H), 5.03 (br s, 1H), 4.16 - 4.33 (m, 2H), 2.12 - 2.26 (m, 4H), 1.95 - 2.06 (m, 1H).

Synthesis of 8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-isopropyl-quinoline-3-carboxamide (example 359)



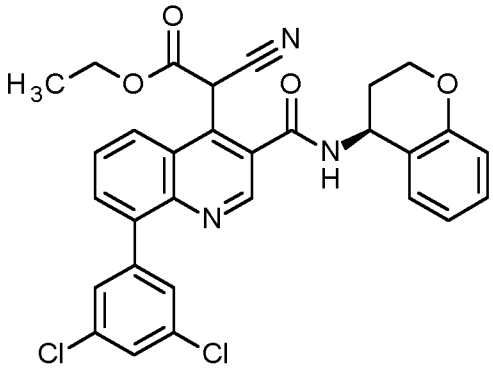
Under argon atmosphere 8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(prop-1-en-2-yl)quinoline-3-carboxamide (from example 317) (150 mg, 306 µmol) was dissolved in ethyl acetate (7 ml) and ethanol (3.5 ml). Pd on charcoal (44 mg, 10%) was added and the mixture hydrogenated under normal pressure at ambient temperature for 1.5 h. The catalyst was filtered off through Celite, washed with an ethyl acetate/ethanol mixture (2:1) and the filtrate evaporated under reduced pressure. The residue was purified two times by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 64 mg (42 % of th.)

LC-MS (Method L1): R_t = 1.41 min; MS (ESIpos): m/z = 491 $[M+H]^+$

^{1}H-NMR (400MHz, DMSO-d6): Shift [ppm] = 9.12 (d, 1H), 8.76 (s, 1H), 8.45 (d, 1H), 7.85 (d, 1H), 7.74 (t, 1H), 7.61 - 7.66 (m, 3H), 7.36 (d, 1H), 7.17 (t, 1H), 6.93 (t, 1H), 6.79 (d, 1H), 5.25 - 5.31 (m, 1H), 4.21 - 4.31 (m, 2H), 3.82 - 3.92 (m, 1H), 2.21 (td, 1H), 2.06 (ddd, 1H), 1.56 (br d, 3H), 1.53 (br d, 3H).

Synthesis of ethyl cyano{8-(3,5-dichlorophenyl)-3-[(4S)-3,4-dihydro-2H-chromen-4-ylcarbamoyl]quinolin-4-yl}acetate (example 354)



Under argon atmosphere sodium hydride (165 mg, 60 % content, 4.13 mmol) was added at 0°C to a solution of ethyl-cyanoacetate (0.44 ml, 4.1 mmol) in dry *N*-methyl pyrrolidon, stirred

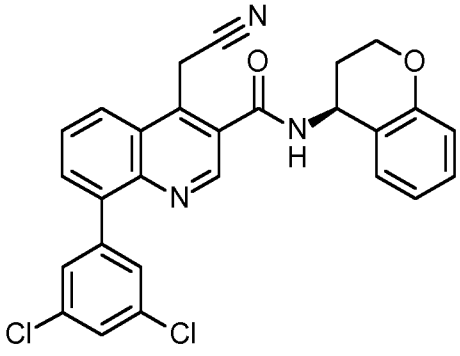
at ambient temperature for 15 min until the evolution of gas had ceased. Then 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (1.00 g, 2.07 mmol) was added and the mixture stirred at 70°C for 3 h. After cooling to ambient temperature 5 M formic acid (1.2 ml, 6.2 mmol) and water were added and the mixture extracted two times with ethyl acetate. The combined organic phases were dried and evaporated under reduced pressure. The residue was purified by column chromatography on silica (100g) with cyclohexane / ethyl acetate (5 - 50 %).

Yield: 650 mg (96 % purity, 54 % of th.)

LC-MS (Method L6): R_t = 2.46 min; MS (ESIpos): m/z = 560 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.55), 0.008 (3.23), 0.146 (0.40), 0.890 (0.44), 1.157 (2.49), 1.175 (7.53), 1.188 (4.41), 1.193 (9.23), 1.205 (8.20), 1.211 (4.25), 1.215 (2.56), 1.223 (4.21), 1.233 (2.01), 1.245 (1.50), 1.250 (2.12), 1.264 (0.77), 1.268 (1.05), 1.988 (9.00), 2.083 (0.45), 2.092 (0.48), 2.104 (0.46), 2.116 (0.65), 2.129 (0.70), 2.163 (1.14), 2.176 (1.60), 2.187 (1.26), 2.327 (0.47), 2.366 (0.41), 2.523 (1.67), 2.669 (0.54), 2.710 (0.46), 3.998 (2.03), 4.002 (0.89), 4.021 (2.14), 4.038 (2.14), 4.056 (0.79), 4.133 (0.51), 4.151 (0.98), 4.168 (0.93), 4.175 (0.83), 4.186 (0.84), 4.193 (1.11), 4.202 (2.21), 4.210 (1.51), 4.219 (4.66), 4.228 (3.20), 4.236 (4.66), 4.246 (3.73), 4.254 (2.15), 4.263 (1.53), 4.272 (0.85), 4.287 (1.21), 4.298 (1.72), 4.309 (1.16), 5.226 (0.78), 5.245 (0.83), 5.266 (0.79), 5.285 (0.73), 6.794 (1.56), 6.804 (5.05), 6.815 (1.91), 6.826 (4.30), 6.837 (0.92), 6.856 (1.42), 6.866 (0.52), 6.875 (0.87), 6.917 (0.71), 6.936 (1.45), 6.955 (0.86), 7.142 (0.96), 7.145 (0.95), 7.163 (1.28), 7.173 (0.83), 7.177 (0.93), 7.194 (1.20), 7.212 (0.58), 7.387 (1.34), 7.408 (1.79), 7.429 (1.14), 7.599 (0.99), 7.603 (1.04), 7.683 (16.00), 7.702 (0.43), 7.875 (1.05), 7.879 (1.00), 7.897 (2.37), 7.914 (1.62), 7.918 (1.55), 8.002 (3.30), 8.019 (2.41), 8.408 (1.18), 8.423 (1.48), 8.443 (1.15), 9.112 (4.72), 9.124 (4.29), 9.517 (1.49), 9.525 (1.44), 9.537 (1.51), 9.544 (1.34).

Synthesis of 4-(cyanomethyl)-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (example 355)



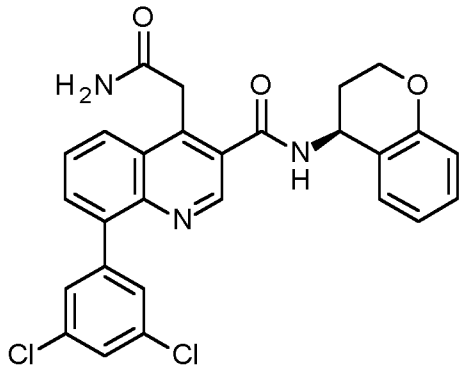
A solution of ethyl cyano{8-(3,5-dichlorophenyl)-3-[(4S)-3,4-dihydro-2H-chromen-4-ylcarbamoyl]quinolin-4-yl}acetate (example 354) (300 mg, 0.54 mmol) in DMSO (2.4 ml) was treated with sodium chloride (63 mg, 1.1 mmol) and water (0.24 ml) and heated under stirring overnight at 90°C. Water (2.5 ml) was added, the precipitate filtered off, washed with water and dried in vacuo.

Yield: 250 mg (99 % purity, 95 % of th.)

LC-MS (Method L1): R_t = 1.24 min; MS (ESIpos): m/z = 488 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: 2.099 (0.43), 2.136 (0.80), 2.145 (0.69), 2.205 (0.64), 2.224 (0.67), 2.239 (0.54), 4.266 (1.68), 4.277 (2.29), 4.711 (6.99), 5.278 (0.45), 5.294 (1.03), 5.312 (1.04), 5.326 (0.45), 6.798 (2.04), 6.818 (2.30), 6.899 (1.01), 6.917 (2.07), 6.936 (1.19), 7.163 (1.04), 7.182 (1.68), 7.200 (0.79), 7.387 (1.76), 7.405 (1.62), 7.677 (16.00), 7.883 (1.06), 7.903 (1.92), 7.922 (1.56), 7.988 (2.46), 8.006 (1.65), 8.417 (1.93), 8.437 (1.73), 9.029 (5.73), 9.379 (1.69), 9.399 (1.68).

Synthesis of 4-(2-amino-2-oxoethyl)-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (example 360)



A suspension of 4-(cyanomethyl)-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (example 355) (150 mg, 307 µmol) in conc. hydrochloric acid (0.77 ml, 37%) and dioxan (0.5 ml) was stirred 3 days at ambient temperature. The solid was filtered off, washed with dioxan and dried in vacuo.

Yield: 90 mg (92 % purity, 53 % of th.)

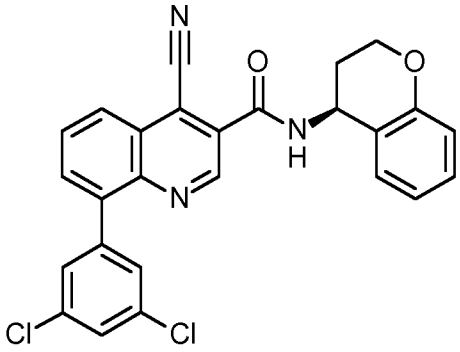
LC-MS (Method L1): R_t = 1.13 min; MS (ESIpos): m/z = 506 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.40), 0.008 (3.42), 2.068 (0.55), 2.085 (0.61), 2.095 (0.80), 2.208 (0.74), 2.220 (0.70), 2.229 (0.68), 2.242 (0.51), 2.327 (0.61), 2.366 (0.61), 2.670 (0.57), 2.710 (0.54), 2.794 (0.77), 3.568 (2.60), 4.179 (0.56), 4.197 (0.56), 4.216 (3.94), 4.225 (3.86), 4.238 (1.19), 4.264 (1.32), 4.283 (1.00), 5.270 (0.46), 5.285 (1.06), 5.304 (1.07), 5.319 (0.51), 6.779 (1.94), 6.800 (2.15), 6.883 (0.98), 6.899 (2.02), 6.918 (1.20),

7.147 (1.02), 7.164 (1.67), 7.185 (0.81), 7.349 (2.28), 7.369 (1.67), 7.659 (16.00), 7.764 (1.23), 7.782 (1.93), 7.803 (1.67), 7.894 (2.35), 7.910 (1.74), 7.989 (1.55), 8.349 (1.83), 8.368 (1.68), 8.949 (6.32), 9.468 (1.76), 9.488 (1.75).

The filtrate was adjusted to pH 6 by addition of aqueous sodiumbicarbonate (7 ml, 1.5 M) and extracted with ethyl acetate. The combined organic phases were dried, evaporated and the residue purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile) yielding a second crop (40 mg, 100% purity, 26% of th.)

Synthesis of 4-cyano-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl] quinoline-3-carboxamide (example 362)



Under argon atmosphere a thick-walled microwave vessel was charged with 4-chloro-8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]quinoline-3-carboxamide (1.00 g, 2.07 mmol), copper(I)cyanide (185 mg, 2.07 mmol), sodiumcarbonate (219 mg, 2.07 mmol), 1,1'-bis(diphenylphosphino)ferrocene-palladium(II)dichloride dichloromethane complex (169 mg, 0.21 mmol) and *N*-methyl pyrrolidon (7.2 ml), capped and heated overnight under stirring at 120°C. The reaction mixture was added to a 3 :1 mixture of saturated aq. ammoniumchloride / conc. aqueous ammonia (120 ml) and ethyl acetate, stirred for 30 min and filtered through celite. The phases were separated, the organic phase washed three times with a 3 :1 mixture of saturated aq. ammoniumchloride / conc. aq. ammonia, then brine and dried. The residue (1.06 g) was purified by column chromatography on silica (100g) with cyclohexane / ethyl acetate (3 - 30 %).

Yield: 760 mg (93 % purity, 72 % of th.)

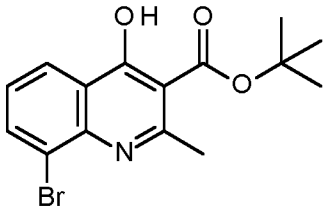
LC-MS (Method L1): R_t = 1.44 min; MS (ESIpos): m/z = 474 $[M+H]^+$

^{1}H-NMR Peaklist (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.70), 0.008 (0.49), 1.398 (16.00), 1.988 (0.45), 2.519 (0.43), 6.790 (0.48), 6.849 (0.44), 6.851 (0.45), 6.870 (0.51), 6.872 (0.48), 6.966 (0.40), 7.673 (0.41), 7.696 (4.12), 7.933 (0.43), 7.951 (0.60), 7.953 (0.54), 7.972 (0.53), 8.054 (0.67), 8.057 (0.62), 8.071 (0.49), 8.075 (0.41), 9.279 (0.96), 9.311 (0.50).

Synthesis of 8-(2,3-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(dimethylamino)-2-methylquinoline-3-carboxamide (example 481).

Step 1

tert-butyl 8-bromo-4-hydroxy-2-methylquinoline-3-carboxylate



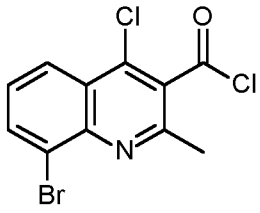
A three-necked flask was charged with sodium hydride (910 mg, 22.7 mmol, 60% dispersion in mineral oil) and dry DMF (50 mL). 3-Bromoisatoic anhydride (5 g, 20.6 mmol) was added slowly (0.42 g, 4 mmol), followed by dropwise addition of tert-butyl 3-oxobutanoate (3.6 g, 22.7 mmol) dissolved in 50 mL DMF at room temperature. The reaction mixture was heated to 120 °C for 10 minutes. Then the solvent was removed under reduced pressure and the remaining material was dispersed in water and extracted twice with dichloromethane. The combined organic layers were dried over sodium sulfate, filtered and reduced *in vacuo*. The resulting residue was purified by silica gel flash chromatography (eluent cyclohexane/ethyl acetate gradient).

Yield: 1.05 g (2.96 mmol, 15% of th.)

^{1}H-NMR (400 MHz, DMSO-d6) δ 10.48 (s, 1H), 8.10 – 8.08 (d, 1H), 8.02 – 7.99 (d, 1H), 7.31 – 7.27 (t, 1H), methyl singulett under DMSO signal, 1.51 (s, 9H).

Step 2

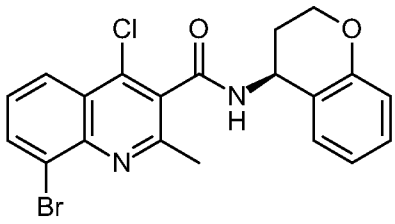
8-bromo-4-chloro-2-methylquinoline-3-carbonyl chloride



A three-necked flask was charged with tert-butyl 8-bromo-4-hydroxy-2-methylquinoline-3-carboxylate (1.2 g, 3,54 mmol)) and phosphorus oxychloride (42 g, 274 mmol) and heated to reflux for 16 h. The reaction mixture was reduced *in vacuo* and used as such in the next step.

Step 3

8-bromo-4-chloro-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-2-methylquinoline-3-carboxamide



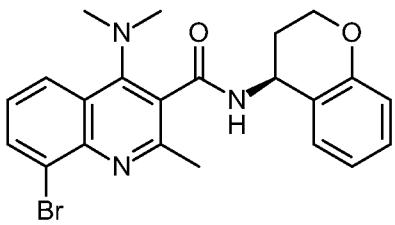
8-Bromo-4-chloro-2-methylquinoline-3-carbonyl chloride (raw product from step 2) (1 g, 3,13 mmol) was dissolved in 60 mL acetonitril and mixed with (4S)-chroman-4-amine hydrochloride (582 mg, 3,13 mmol) and triethylamine (951 mg, 9,4 mmol) at 0 °C. The rection mixture was allowed to warm to room temperature and stirred until complete conversion. The solvent was removed under reduced pressure; the remaining solution was extracted twice with dichloromethane. The combined organic layers were dried over sodium sulfate, filtered and reduced *in vacuo*. The resulting residue was purified by silica gel flash chromatography (eluent cyclohexane/ethyl acetate gradient).

Yield: 766 mg (1.77 mmol, 55% of th.)

^{1}H-NMR (400 MHz, DMSO-d6) δ 9.29 (d, 1H, NH), 8.26 – 8.22 (t, 2H), 7.66 – 7.62 (dd, 1H), 7.38 – 7.36 (d, 1H), 7.20 – 7.16 (t, 1H), 6.97 – 6.93 (t, 1H), 6.82 – 6.80 (d, 1H), 5.32 – 5.28 (m, 1H), 4.34 – 4.29 (m, 1H), 4.23 – 4.17 (m, 1H), 2.71 (s, 3H), 2.28 -2.22 (m, 1H), 2.10 – 2.03 (m, 1H).

Step 4

8-bromo-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(dimethylamino)-2-methylquinoline-3-carboxamide



8-Bromo-4-chloro-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-2-methylquinoline-3-carboxamide (step 3) (766 mg, 1.77 mmol) in 30 mL dioxane were distributed to three microwave flasks (20 mL volume). Each of it was charged with 3.7 mL aqueous dimethylamine solution (40%, combined 8.87 mmol). The reaction mixtures were heated in a microwave oven (Anton Paars

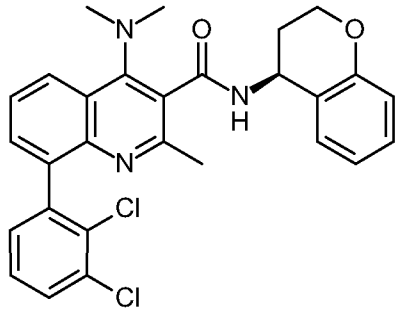
Monowave 400) to 100 °C for 40 minutes. The reaction mixtures were combined and the solvent was removed under reduced pressure. The resulting residue was purified by silica gel flash chromatography (eluent cyclohexane/ethyl acetate gradient).

Yield: 625 mg (1.42 mmol, 73% of th.)

^{1}H-NMR (400 MHz, DMSO-d6) δ 9.07 (d, 1H, NH), 8.08 – 8.02 (2d, 2H), 7.41 – 7.37 (t, 1H), 7.32 – 7.31 (d, 1H), 7.20 – 7.16 (t, 1H), 6.96 – 6.92 (t, 1H), 6.82 – 6.79 (d, 1H), 5.28 – 5.26 (m, 1H), 4.35 – 4.27 (m, 1H), 4.23 – 4.16 (m, 1H), 3.01 (s, 6H), 2.61 (s, 3H), 2.28 – 2.19 (m, 1H), 2.10 – 2.02 (m, 1H).

Step 5

8-(2,3-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(dimethylamino)-2-methylquinoline-3-carboxamide (Example 481)

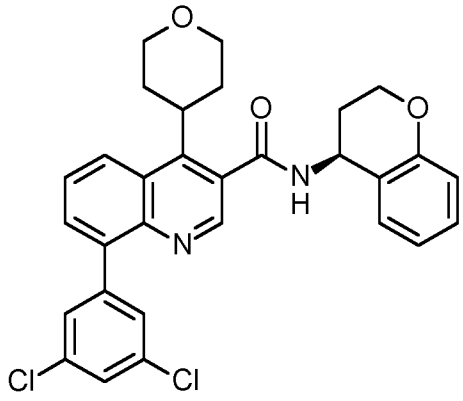


To a degassed (1 min, argon) mixture of 8-bromo-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(dimethylamino)-2-methylquinoline-3-carboxamide (step 4) (200 mg, 0.45 mmol), (2,3-dichlorophenyl)boronic acid (130 mg, 0.68 mmol), potassium carbonate (125.5 mg, 0.90 mmol), water (3,5 mL) and dioxane (12 mL) was added 1,1'-bis(diphenylphosphino)ferrocenepalladium(II) dichloride (18.5 mg, 0.02 mmol). The reaction mixture was stirred for 16 h at 85 °C, then cooled down to room temperature, diluted with water and extracted twice with dichloromethane. The combined organic layers were dried over sodium sulfate, filtered and reduced *in vacuo*. The resulting residue was purified by silica gel flash chromatography (eluent cyclohexane/ethyl acetate gradient) to obtain the title compound.

Yield: 159 mg (0.31 mmol, 66% of th.)

^{1}H-NMR (400 MHz, DMSO-d6) δ 9.06 (d, 1H, NH), 8.17 – 8.15 (d, 1H), 7.68 – 7.66 (d, 1H), 7.58 – 7.55 (m, 2H), 7.42 – 7.42 (m, 1H), 7.32 – 7.30 (m, 2H), 7.17 – 7.15 (t, 1H), 6.93 – 6.91 (t, 1H), 6.80 – 6.78 (d, 1H), 5.28 – 5.24 (m, 1H), 4.32 – 4.27 (m, 1H), 4.23 – 4.17 (m, 1H), 3.04 (s, 6H), methyl singulett under DMSO signal, 2.24 – 2.18 (m, 1H), 2.08 – 2.02 (m, 1H).

Synthesis of 8-(3,5-dichlorophenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(tetrahydro-2H-pyran-4-yl)quinoline-3-carboxamide (Example 539).



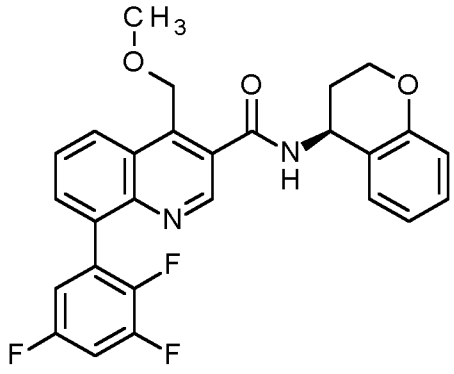
Under argon atmosphere 8-(3,5-dichlorphenyl)-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(3,6-dihydro-2H-pyran-4-yl)chinolin-3-carboxamide (60.0 mg, 113 µmol) was dissolved in ethyl acetate/ethanol (2:1, 6 ml). The catalyst, 10% palladium on charcoal (20 mg), was added, argon replaced by hydrogen and the mixture stirred under atmospheric pressure of hydrogen for 4.5 h. More 10% palladium on charcoal (20 mg) was added under argon and hydrogenation continued under atmospheric pressure for 6 h. The reaction mixture was filtered over celite, rinsed with ethyl acetate and concentrated in vacuo. The residue (66 mg) was purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile).

Yield: 11 mg (18 % of th.)

LC-MS (Method L1): Rt = 1.28 min; MS (ESIpos): m/z = 533 [M+H]+

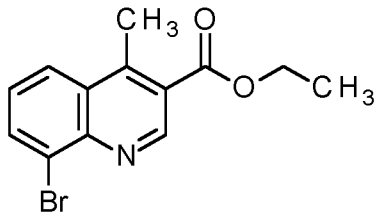
^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (2.51), 1.235 (0.43), 1.676 (1.54), 1.713 (2.60), 1.751 (1.67), 2.057 (0.97), 2.072 (1.11), 2.085 (1.87), 2.218 (1.33), 2.231 (1.31), 2.240 (1.26), 2.252 (0.92), 2.327 (0.56), 2.366 (0.60), 2.429 (2.14), 2.460 (2.25), 2.670 (0.69), 2.710 (0.67), 3.464 (1.07), 3.493 (1.97), 3.520 (2.14), 3.546 (2.15), 3.575 (1.18), 3.738 (1.26), 4.010 (3.17), 4.023 (2.81), 4.038 (2.85), 4.219 (0.82), 4.240 (2.21), 4.247 (1.78), 4.260 (2.15), 4.268 (2.70), 4.279 (2.21), 4.295 (1.97), 5.293 (0.94), 5.307 (2.08), 5.327 (2.08), 5.342 (0.90), 5.754 (5.00), 6.785 (3.97), 6.804 (4.38), 6.918 (1.97), 6.937 (4.07), 6.956 (2.40), 7.158 (2.10), 7.176 (3.37), 7.193 (1.61), 7.405 (3.52), 7.423 (3.20), 7.613 (13.15), 7.617 (16.00), 7.648 (4.20), 7.653 (5.68), 7.748 (2.29), 7.766 (3.65), 7.787 (3.20), 7.856 (4.95), 7.874 (3.52), 8.510 (3.43), 8.531 (3.17), 8.777 (12.63), 9.140 (3.54), 9.161 (3.54).

Synthesis of N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(methoxymethyl)-8-(2,3,5-trifluorophenyl)quinoline-3-carboxamide (Example 686).



Step 1

ethyl 8-bromo-4-methylquinoline-3-carboxylate



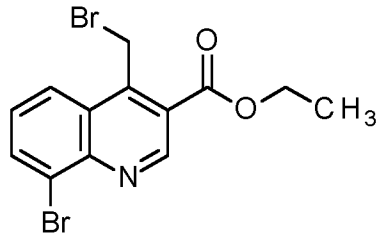
To a solution of ethyl 8-bromo-4-hydroxy-quinoline-3-carboxylate (3.00 g, 9.54 mmol) (Gharat, al., WO 2013/118071) in THF (45 ml) was added under argon cobalt(II)acetylacetonate (2.45 g, 9.54 mmol). The mixture was warmed in an oil bath of 60°C, dimethylzink (solution in toluene, 1.9 ml, 2.0 M, 3.8 mmol) was added dropwise and stirred at this temperature for 1 h. During a period of 4.5 h more dimethylzink (solution in toluene, 6.2 ml, 2.0 M, 12.4 mmol) was added at this temperature in several portions until almost all starting material was consumed (HPLC monitoring). The mixture was poured into water (250 ml), containing acetic acid (1.8 ml), the organic solvents largely evaporated under diminished pressure and the aqueous phase extracted with ethylacetate. The combined organic phases were dried and evaporated to dryness. The residue (3.1 g) was was purified by column chromatography on silica (100 g), eluent: cyclohexane / ethyl acetate (3 - 10%) yielding the titel compound (1.25 g, 45% of theory)

LC-MS (**Method L4**): R_t = 3.06 min; MS (ESIpos): m/z = 294 $[M+H]^+$

^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.369 (4.76), 1.387 (9.98), 1.405 (4.89), 2.934 (16.00), 4.393 (1.57), 4.411 (4.77), 4.429 (4.71), 4.447 (1.51), 7.615 (1.30), 7.634 (2.23), 7.655 (1.46), 8.253 (1.85), 8.271 (1.76), 8.340 (2.09), 8.361 (1.99), 9.185 (3.32).

Step 2

ethyl 8-bromo-4-(bromomethyl)quinoline-3-carboxylate



Ethyl-8-bromo-4-methylquinoline-3-carboxylate (1.50 g, 5.10 mmol) was dissolved in THF (23 ml). Phenyltrimethylammonium tribromide (3.07 g, 8.16 mmol,) and acetic acid (1.5 ml, 25 mmol) were added and the mixture stirred at ambient temperature.

More phenyltrimethylammonium tribromide (0.96 g, 2.5 mmol) was added and stirred for 3 d at ambuient temperature. Another portion of phenyltrimethylammonium tribromide (0.96 g, 2.5 mmol) and acetic acid (0.9 ml, 15,3 mmol) were added and stirring continued overnight. The reaction mixture was diluted with water and dichloromethane. The aqueous phase was extracted with dichloromethane and the combined organic layers were washed with an aqueous sodium hydrogencarbonate solution, dried and concentrated in vacuo at 30°C.

The residue was stirred for 1 h in MTBE (80 ml). The solid was filtered off, washed with MTBE and dried in vacuo. The crude (3.23 g) was purified by column chromatography, eluent cyclohexane/ethyl acetate (3 – 22 %).

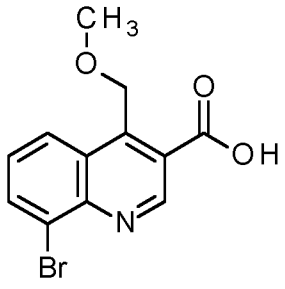
Yield: 985 mg (90.5 % purity, 47 % of th.)

LC-MS (Method L1): R_t = 1.11 min; MS (ESIpos): m/z = 371 $[M+H]^+$

^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.401 (7.41), 1.415 (16.00), 1.429 (7.42), 1.435 (0.41), 4.441 (2.26), 4.455 (7.12), 4.470 (6.98), 4.484 (2.13), 5.479 (11.96), 5.758 (1.31), 7.721 (2.28), 7.736 (2.76), 7.738 (2.62), 7.753 (2.43), 8.311 (2.94), 8.314 (3.02), 8.326 (2.85), 8.329 (2.69), 8.446 (2.62), 8.448 (2.54), 8.463 (2.57), 8.465 (2.29), 9.311 (8.57).

Step 3

8-bromo-4-(methoxymethyl)quinoline-3-carboxylic acid



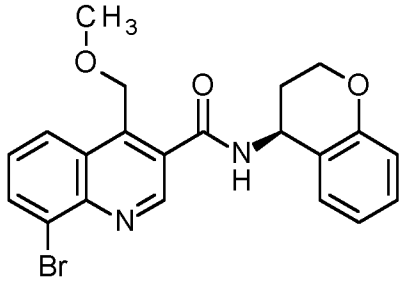
A suspension of ethyl 8-bromo-4-(bromomethyl)quinoline-3-carboxylate (1.14 g, 3.06 mmol) in methanol (15 ml) was treated dropwise with sodium methoxide (solution in methanol, 5.4 M) at ambient temperature during which dissolution occurred and later a solid precipitated. After 1.5 h THF (5 ml) and water (3 ml) were added and stirring continued over night at ambient temperature. The solution was then diluted with 20 mL of water and the pH was adjusted to 4 by addition of acetic acid (5 M). After concentration in vacuo to remove most of the organic solvents the remaining mixture was distributed between ethyl acetate and water. The aqueous layer was extracted several times with ethyl acetate and the combined organic layers were dried and concentrated *in vacuo*. This material (363 mg, 91% purity, 37% of theory) was suitable for further use. The aqueous phase war concentrated to a small volume under reduced pressure, diluted with DMSO and purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile) yielding a second crop (270 mg, 100% purity, 30% of theory).

LC-MS (Method L1): R_t = 0.69 min; MS (ESIpos): m/z = 296 $[M+H]^+$

^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.221 (0.47), 3.184 (0.52), 5.199 (16.00), 7.611 (3.54), 7.627 (5.28), 7.643 (3.76), 8.238 (4.81), 8.252 (4.56), 8.351 (4.61), 8.367 (4.38), 9.215 (10.02).

Step 4

8-bromo-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(methoxymethyl)quinoline-3-carboxamide



A solution of 8-bromo-4-(methoxymethyl)quinoline-3-carboxylic acid (360 mg, 1.22 mmol) in THF (6 ml) was treated with (4S)-chroman-4-amine hydrochloride (1:1) and trimethylamine (680 µl, 4.9 mmol). The mixture was warmed to 45°C, 2,4,6-tripropyl-1,3,5,2,4,6-trioxatriphosphinane 2,4,6-trioxide (solution in ethyl acetate, 23 ml, 50 % content, 39 mmol) was added, the heating removed and the mixture stirred at ambient temperature overnight. After dilution with water (pH 8-9) the THF was removed *in vacuo*. The precipitate was filtered off and dissolved in approx. 10 ml of warm acetone. Warm water was added (10 mL) and the mixture was allowed to cool to RT. The solid was filtered off, washed with acetone/water (1:2) and dried *in vacuo*.

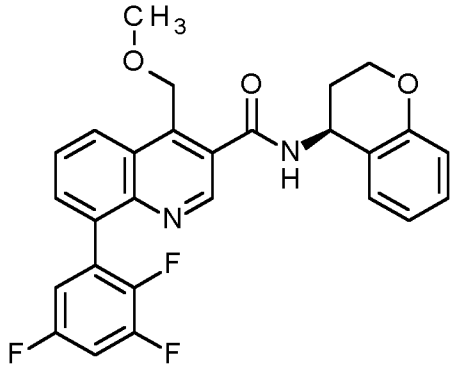
Yield: 391 mg (95 % purity, 72 % of th.)

LC-MS (Method L1): R_t = 0.96 min; MS (ESIpos): m/z = 427 $[M+H]^+$

^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 1.235 (0.52), 2.090 (2.20), 2.230 (2.15), 3.287 (16.00), 4.241 (2.66), 4.293 (2.83), 4.998 (8.92), 5.314 (2.68), 6.800 (2.83), 6.811 (3.13), 6.943 (3.04), 7.183 (3.03), 7.397 (3.01), 7.612 (3.03), 8.211 (2.99), 8.221 (3.08), 8.311 (2.87), 8.324 (2.94), 8.998 (4.49), 9.207 (2.80).

Step 5

N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(methoxymethyl)-8-(2,3,5-trifluorophenyl)quinoline-3-carboxamide (Example 686)



Under argon a vessel was charged with 8-bromo-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(methoxymethyl)quinoline-3-carboxamide (90 mg, 211 µmol), 2,3,5-trifluorobenzene boronic acid (55.6 mg, 316 µmol), 1,1'-bis(diphenylphosphino)ferrocene-palladium(II)dichloride dichloromethane complex (8.60 mg, 10.5 µmol), potassium carbonate (58.2 mg, 421 µmol) and with a degassed 5:1 mixture of dioxan and water (0.73 ml). The mixture was stirred overnight at 70°C. It was diluted with ethyl acetate, filtered through a sodium sulfate plug and concentrated *in vacuo*. The crude was purified by prep. HPLC (C18, gradient: 0.1% aq. formic acid / acetonitrile.

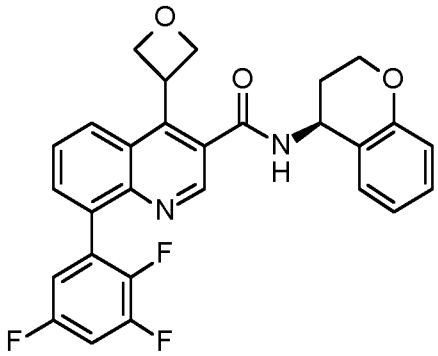
Yield: 31 mg (31 % of th.)

LC-MS (Method L1): R_t = 1.14 min; MS (ESIpos): m/z = 479 $[M+H]^+$

^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 0.005 (1.04), 2.043 (0.47), 2.048 (0.60), 2.053 (0.96), 2.058 (1.04), 2.065 (1.12), 2.069 (1.07), 2.077 (1.37), 2.081 (1.20), 2.087 (2.11), 2.092 (0.63), 2.193 (0.58), 2.199 (0.86), 2.202 (0.81), 2.207 (1.32), 2.213 (0.97), 2.216 (1.31), 2.221 (1.32), 2.230 (0.99), 2.236 (0.64), 2.239 (0.62), 2.244 (0.46), 2.793 (0.55), 3.345 (8.00), 4.220 (0.71), 4.225 (0.87), 4.234 (0.90), 4.239 (2.32), 4.244 (1.61), 4.253 (1.77), 4.258 (1.47), 4.268 (1.42), 4.273 (1.80), 4.279 (1.58), 4.285 (1.91), 4.292 (0.78), 4.298 (0.84), 4.303 (0.65), 5.037 (16.00), 5.287 (0.91), 5.297 (1.95), 5.310 (1.96), 5.320 (0.92), 6.790 (3.66), 6.791 (3.76), 6.803 (4.00),

6.804 (3.99), 6.917 (1.85), 6.918 (1.84), 6.929 (3.75), 6.931 (3.68), 6.942 (2.14), 6.943 (2.05), 7.159 (1.78), 7.161 (1.80), 7.173 (3.01), 7.184 (1.56), 7.187 (1.49), 7.259 (1.51), 7.267 (1.49), 7.274 (1.49), 7.376 (3.08), 7.388 (2.95), 7.609 (0.49), 7.614 (0.63), 7.619 (0.75), 7.624 (1.18), 7.628 (1.14), 7.633 (1.23), 7.638 (1.18), 7.642 (1.18), 7.646 (0.74), 7.651 (0.65), 7.657 (0.56), 7.800 (2.66), 7.812 (3.85), 7.814 (3.18), 7.826 (3.61), 7.873 (4.17), 7.875 (4.29), 7.885 (3.06), 7.887 (2.94), 8.416 (3.61), 8.418 (3.65), 8.430 (3.48), 8.432 (3.27), 8.890 (12.74), 9.184 (3.52), 9.197 (3.43).

Synthesis of N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-4-(oxetan-3-yl)-8-(2,3,5-trifluorophenyl)quinoline-3-carboxamide (example 660).

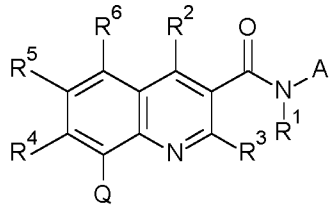


In a 100 mL round bottom flask, a mixture of 4-chloro-N-[(4S)-3,4-dihydro-2H-chromen-4-yl]-8-(2,3,5-trifluorophenyl)quinoline-3-carboxamide (500 mg, 1.066 mmol), anhydrous lithium hydroxide (51 mg, 2.133 mmol), 3-bromooxetane (0.133 mL, 1.600 mmol), [4,4′-bis(1,1-dimethylethyl)-2,2′-bipyridine-N1,N1′]bis[3,5-difluoro-2-[5-(trifluoromethyl)-2-pyridinyl-N]phenyl-C] iridium(III) hexafluorophosphate (24 mg, 0.021 mmol) and tris(trimethylsilyl)silane (0.329 mL, 1.066 mmol) in 1,2-dimethoxyethane (20 mL) was degassed by purging with argon. In a 50 mL round bottom flask, a mixture of nickel(II) chloride ethylene glycol dimethyl ether complex (14 mg, 0.064 mmol) and 4,4'-di-tert-butyl-2,2'-bipyridine (17 mg, 0.064 mmol) in 1,2-dimethoxyethane (10 mL) was gently warmed with a heatgun, purged with argon and stirred for five minutes. By syringe half of this nickel-catalyst mixture (5 mL) was added to the reaction mixture. The resulting suspension was purged with argon for five minutes and was subsequently stirred under irradiation with blue LED light for 18 h while cooling with a fan. The reaction mixture was diluted with dichloromethane (30 mL). Water (10 mL) was added and the layers were separated. The aqueous layer was extracted with dichloromethane (2x10 mL). Combined organic layers were dried with sodium sulfate and solvents were removed in vacuo. Purification by flash column chromatography (80 g; heptane, 10%-60% ethyl acetate) and preparative HPLC (Method 11) afforded 0.054 g (0.110 mmol; 10% of theory) of the title compound.

LC-MS (Method 2): R_t = 3.65 min; m/z = 491 $(M+H)^+$

^{1}H-NMR (400 MHz, DMSO-d_6) δ 9.26 (d, *J* = 8.1 Hz, 1H), 8.87 (s, 1H), 7.91 – 7.87 (m, 1H), 7.84 – 7.73 (m, 2H), 7.70 – 7.57 (m, 1H), 7.35 (d, *J* = 7.8 Hz, 1H), 7.30 – 7.23 (m, 1H), 7.19 (t, *J* = 7.8 Hz, 1H), 6.93 (t, *J* = 7.5 Hz, 1H), 6.81 (d, *J* = 8.2 Hz, 1H), 5.31 – 5.11 (m, 4H), 4.84 – 4.70 (m, 2H), 4.34 – 4.21 (m, 2H), 2.25 – 2.15 (m, 1H), 2.08 – 2.01 (m, 1H).

TABLE 1: Examples



(I)

Number	R1	R2	R3	R4	R5	R6	Q	A
1	H	chloro	H	H	H	H	3,5-dimethylphenyl	(1S)-1,2,3,4-tetrahydronaphthalen-1-yl
2	H	chloro	H	H	H	H	3,5-dichlorophenyl	(1S)-1,2,3,4-tetrahydronaphthalen-1-yl
3	H	chloro	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
4	H	chloro	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
5	H	chloro	H	H	H	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
6	H	chloro	H	H	H	H	3-chlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
7	H	chloro	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
8	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
9	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
10	H	dimethylamino	H	H	H	H	2-chloro-6-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
11	H	dimethylamino	H	H	methyl	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
12	H	dimethylamino	H	H	methyl	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
13	H	dimethylamino	H	H	H	H	3,5-dichloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
14	H	pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

15	H	dimethylamino	H	H	H	H	3,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
16	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(1S)-1,2,3,4-tetrahydronaphthalen-1-yl
17	H	morpholin-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
18	H	dimethylamino	H	methyl	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
19	H	dimethylamino	H	methyl	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
20	H	morpholin-4-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-1,2,3,4-tetrahydronaphthalen-1-yl
21	H	dimethylamino	H	fluoro	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
22	H	dimethylamino	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
23	H	methylamino	H	H	H	H	3,5-dichloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
24	H	methylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
25	H	morpholin-4-yl	H	H	H	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
26	H	1H-imidazol-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
27	H	(1S)-2,3-dihydro-1H-inden-1-ylamino	H	H	H	H	3-chlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
28	H	(1S)-2,3-dihydro-1H-inden-1-ylamino	H	H	H	H	2,3-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
29	H	dimethylamino	H	H	H	H	2-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
30	H	dimethylamino	H	H	H	H	3,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
31	H	dimethylamino	H	H	H	H	4-fluoro-3-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
32	H	dimethylamino	H	H	H	H	2,4-difluoro-3-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
33	H	dimethylamino	H	H	H	H	3-fluoro-2-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

34	H	dimethylamino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
35	H	morpholin-4-yl	H	H	H	H	3-chlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
36	H	dimethylamino	H	H	H	H	3-chloro-2-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
37	H	dimethylamino	H	H	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
38	H	dimethylamino	H	H	H	H	2,4,6-trifluoro-3-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
39	H	dimethylamino	H	H	H	H	3-chloro-5-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
40	H	dimethylamino	H	H	fluoro	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
41	H	dimethylamino	H	H	fluoro	H	3,5-dichloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
42	H	morpholin-4-yl	H	H	fluoro	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
43	H	morpholin-4-yl	H	H	fluoro	H	3,5-dichloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
44	H	dimethylamino	H	H	H	H	3-chloro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
45	H	dimethylamino	H	H	H	H	3-chloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
46	H	dimethylamino	H	H	H	H	3-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
47	H	dimethylamino	H	H	H	H	3,4,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
48	H	dimethylamino	H	H	H	H	2-fluoro-3-(trifluoromethoxy)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
49	H	dimethylamino	H	H	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
50	H	dimethylamino	H	H	H	H	2-fluoro-3-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
51	H	dimethylamino	H	H	H	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
52	H	morpholin-4-yl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

53	H	morpholin-4-yl	H	H	H	H	2,4-difluoro-3-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
54	H	morpholin-4-yl	H	H	H	H	3,5-dichloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
55	H	dimethylamino	H	H	H	H	3-fluoro-4-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
56	H	dimethylamino	H	H	H	H	3-chloro-4-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
57	H	dimethylamino	H	H	H	H	2,4,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
58	H	amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
59	H	benzyl(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
60	H	dimethylamino	H	H	H	H	2-chloro-3-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
61	H	dimethylamino	H	H	H	H	3-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
62	H	dimethylamino	H	H	H	H	3-fluoropyridin-2-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
63	H	dimethylamino	H	H	H	H	2-fluoropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
64	H	dimethylamino	H	H	H	H	2-methoxypyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
65	H	dimethylamino	H	H	H	H	2-chloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
66	H	dimethylamino	H	H	H	H	2,6-dimethylpyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
67	H	diethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
68	H	4-(trifluoromethyl)-1H-pyrazol-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
69	H	1H-pyrazol-4-ylamino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
70	H	dimethylamino	H	H	H	H	3-(dimethylamino) phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

71	H	dimethylamino	H	H	H	H	1-methyl-1H-benzimidazol-6-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
72	H	1H-pyrazol-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
73	H	dimethylamino	H	H	H	H	1H-indol-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
74	H	(2-hydroxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
75	H	(2-methoxyethyl)(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
76	H	(2-methoxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
77	H	4-oxoimidazolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
78	H	bis(2-methoxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
79	H	pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
80	H	(2S)-2-carboxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
81	H	dimethylamino	H	H	H	H	2,3,4-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
82	H	morpholin-4-yl	H	H	H	H	2,3,4-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
83	H	morpholin-4-yl	H	H	H	H	2-fluoro-3-(trifluoromethoxy)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
84	H	(3R)-3-aminopyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
85	H	3,4-dihydroisoquinolin-2(1H)-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
86	H	anilino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
87	H	isobutyl(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
88	H	[2-(dimethylamino)ethyl]amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
89	H	(2-methoxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl

90	H	ethyl(2-methoxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
91	H	(2S)-2-(methoxymethyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
92	H	(2R)-2-(methoxymethyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
93	H	bis(2-methoxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
94	H	(3S)-3-(dimethylamino)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
95	H	tetrahydro-2H-pyran-4-ylamino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
96	H	[2-(pyrrolidin-1-yl)ethyl]amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
97	H	(3,3,3-trifluoropropyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
98	H	morpholin-4-ylamino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
99-1	H	(pyridin-2-ylmethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
99-2	H	[(2R)-1-hydroxybutan-2-yl]amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
100	H	(2-hydroxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
101	H	(3R)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
102	H	3-hydroxyazetidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
103	H	3-(pyrrolidin-1-yl)azetidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
104	H	cyclopropyl(ethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
105	H	cyclobutyl(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
106	H	(cyclopropylmethyl)(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
107	H	2,2-dimethylmorpholin-4-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl

108	H	1,2-oxazolidin-2-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
109	H	(2S)-2-methyl-2,3-dihydro-1H-indol-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
110	H	methyl(2,2,2-trifluoroethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
111	H	1,3-dihydro-2H-isoindol-2-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
112	H	3,3-difluoropyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
113	H	(2S)-2-carbamoylpyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
114	H	methyl(1-phenylethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
115	H	(3-amino-3-oxopropyl)(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
116	H	4-acetylpiperazin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
117	H	1,1-dioxidothiomorpholin-4-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
118	H	benzyl(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
119	H	3-fluoroazetidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
120	H	3-methylazetidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
121	H	3,3-difluoroazetidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
122	H	[3-(dimethylamino)-3-oxopropyl]amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
123	H	[(5-methyl-1,2,4-oxadiazol-3-yl)methyl]amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
124	H	(3-amino-3-oxopropyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
125	H	[2-(1H-pyrazol-1-yl)ethyl]amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
126	H	(2-acetamidoethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
127	H	[(2S)-1-amino-1-oxopropan-2-yl]amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl

128	H	(2-methoxy-2-oxoethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
129	H	(2-amino-2-oxoethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
130	H	dimethylamino	H	H	H	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
131	H	methoxyamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
132	H	dimethylamino	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
133	H	morpholin-4-yl	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
134	H	methylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
135	H	azetidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
136	H	pyridin-4-ylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
137	H	(2-ethoxy-2-oxoethyl)(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
138	H	(2-hydroxyethyl)(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
139	H	dimethylamino	H	fluoro	H	H	3,4-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
140	H	dimethylamino	H	fluoro	H	H	3,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
141	H	dimethylamino	H	fluoro	H	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
142	H	morpholin-4-yl	H	fluoro	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
143	H	morpholin-4-yl	H	fluoro	H	H	3-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
144	H	morpholin-4-yl	H	H	fluoro	H	3,4-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
145	H	dimethylamino	H	H	fluoro	H	3,4-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
146	H	dimethylamino	H	H	fluoro	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
147	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-6-methoxy-3,4-dihydro-2H-chromen-4-yl

148	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(1S)-5-methoxy-2,3-dihydro-1H-inden-1-yl
149	H	methyl[2-(morpholin-4-yl)ethyl]amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
150	H	(carboxymethyl)(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
151	H	dimethylamino	H	H	H	H	3-(dimethylamino)-2,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
152	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-7-fluoro-3,4-dihydro-2H-chromen-4-yl
153	H	ethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
154	H	2-acetylhydrazino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
155	H	morpholin-4-yl	H	fluoro	H	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
156	H	morpholin-4-yl	H	fluoro	H	H	3,4-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
157	H	morpholin-4-yl	H	fluoro	H	H	3,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
158	H	morpholin-4-yl	H	H	fluoro	H	3,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
159	H	morpholin-4-yl	H	H	fluoro	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
160	H	morpholin-4-yl	H	H	fluoro	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
161	H	morpholin-4-yl	H	H	fluoro	H	2-chloro-3-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
162	H	morpholin-4-yl	H	H	fluoro	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
163	H	morpholin-4-yl	H	H	fluoro	H	3-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
164	H	morpholin-4-yl	H	H	fluoro	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
165	H	morpholin-4-yl	H	H	fluoro	H	2-chloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

166	H	morpholin-4-yl	H	H	fluoro	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
167	H	morpholin-4-yl	H	fluoro	H	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
168	H	dimethylamino	H	fluoro	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
169	H	dimethylamino	H	fluoro	H	H	3-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
170	H	morpholin-4-yl	H	fluoro	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
171	H	dimethylamino	H	fluoro	H	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
172	H	dimethylamino	H	fluoro	H	H	2-chloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
173	H	dimethylamino	H	H	fluoro	H	3,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
174	H	dimethylamino	H	H	fluoro	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
175	H	dimethylamino	H	H	fluoro	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
176	H	dimethylamino	H	H	fluoro	H	2-chloro-3-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
177	H	dimethylamino	H	H	fluoro	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
178	H	dimethylamino	H	H	fluoro	H	3-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
179	H	dimethylamino	H	H	fluoro	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
180	H	dimethylamino	H	H	fluoro	H	2-chloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
181	H	thiomorpholin-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
182	H	(2-tert-butoxy-2-oxoethyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
183	H	(2-tert-butoxy-2-oxoethyl)(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
184	H	propylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
185	H	(2-aminoethyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

186	H	(3R)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
187	H	(3S)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
188	H	1H-1,2,3-triazol-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
189	H	2H-1,2,3-triazol-2-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
190	H	morpholin-4-yl	H	H	H	H	3-chloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
191	H	morpholin-4-yl	H	H	H	H	5-chloro-2,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
192	H	morpholin-4-yl	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
193	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,5-dichloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
194	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
195	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	5-chloro-2,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
196	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3-chloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
197	H	dimethylamino	H	H	H	H	5-chloro-2,4-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
198	methyl	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
199	H	methyl(phenyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
200	H	morpholin-4-yl	H	fluoro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
201	H	3,3-difluoropyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
202	H	3-oxopyrazolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
203	H	1,1-dioxidothiomorpholin-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
204	H	morpholin-4-yl	H	H	H	H	2,3-dihydro-1-benzofuran-7-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
205	H	morpholin-4-yl	H	chloro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

206	H	morpholin-4-yl	H	chloro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
207	H	dimethylamino	H	chloro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
208	H	dimethylamino	H	chloro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
209	H	morpholin-4-yl	H	H	H	fluoro	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
210	H	morpholin-4-yl	H	H	H	fluoro	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
211	H	morpholin-4-yl	H	H	chloro	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
212	H	morpholin-4-yl	H	H	chloro	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
213	H	dimethylamino	H	H	chloro	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
214	H	morpholin-4-yl	H	H	H	methyl	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
215	H	morpholin-4-yl	H	H	H	methyl	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
216	H	morpholin-4-yl	H	H	H	H	5-(methoxycarbonyl)-1,3-benzoxazol-7-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
217	H	dimethylamino	H	H	H	methyl	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
218	H	dimethylamino	H	H	H	methyl	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
219	H	dimethylamino	H	H	H	H	2,4-difluoro-3-hydroxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
220	H	morpholin-4-yl	H	H	H	H	3-fluoro-2-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
221	H	morpholin-4-yl	H	H	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
222	H	morpholin-4-yl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
223	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
224	H	morpholin-4-yl	H	H	H	H	1,3-benzothiazol-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl

225	H	morpholin-4-yl	H	H	H	H	3-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
226	H	morpholin-4-yl	H	H	H	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
227	H	morpholin-4-yl	H	H	H	H	2-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
228	H	morpholin-4-yl	H	H	H	H	3-chloro-5-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
229	H	methylamino	H	H	H	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
230	H	morpholin-4-yl	H	H	H	H	2,5-difluoro-4-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
231	H	morpholin-4-yl	H	H	H	H	5-chloro-2-fluoro-4-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
232	H	morpholin-4-yl	H	H	H	H	3,4-difluoro-2-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
233	H	morpholin-4-yl	H	trifluoromethyl	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
234	H	morpholin-4-yl	H	H	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
235	H	morpholin-4-yl	H	H	H	H	3-chloro-5-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
236	H	methylamino	H	H	H	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
237	H	methylamino	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
238	H	morpholin-4-yl	H	H	H	H	2-chloro-3-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
239	H	morpholin-4-yl	H	H	H	H	5-chloro-2-fluoro-3-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
240	H	morpholin-4-yl	H	H	H	H	3-chloro-2-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
241	H	(2S)-2-(tert-butoxycarbonyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl

242	H	(2S)-2-(tert-butoxycarbonyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
243	H	(2R)-2-(tert-butoxycarbonyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
244	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
245	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,4-difluoro-2-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
246	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	2,5-difluoro-4-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
247	H	dimethylamino	H	H	H	H	2,3,6-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
248	H	methoxy(methyl)amino	H	H	H	H	2-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
249	H	methoxy(methyl)amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
250	H	methoxy(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
251	H	morpholin-4-yl	H	H	H	H	1,3-benzothiazol-7-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
252	H	cyclopropyl(methyl)amino	H	H	H	H	2-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
253	H	cyclopropyl(methyl)amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
254	H	cyclopropyl(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
255	H	(2S)-2-(methoxycarbonyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
256	H	dimethylamino	H	trifluoromethyl	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
257	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
258	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	2-chloro-3-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
259	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	2-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

260	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
261	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3-chloro-5-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
262	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
263	H	(2R)-2-(methoxycarbonyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
264	H	2,2-dimethylpyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
265	H	ethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
266	H	(2S)-2-carboxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
267	H	morpholin-4-yl	H	H	H	H	5-chloro-2-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
268	H	morpholin-4-yl	H	H	H	H	5-fluoro-2-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
269	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	5-chloro-2-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
270	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	5-fluoro-2-methoxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
271	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3-chloro-5-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
272	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	5-chloro-2-fluoro-3-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
273	H	cyclopropylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
274	H	(2R)-2-carboxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
275	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3-chloro-2-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
276	H	(carboxylatomethyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
277	H	dimethylamino	H	H	H	H	2,6-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

278	H	morpholin-4-yl	H	fluoro	H	H	2,6-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
279	H	dimethylamino	H	fluoro	H	H	2,6-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
280	H	morpholin-4-yl	H	H	H	H	1,3-benzoxazol-7-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
281	H	(3S)-3-(methoxycarbonyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
282	H	(3R)-3-(methoxycarbonyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
283	H	(3R)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
284	H	(3S)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
285	H	[(diethoxyphosphoryl)methyl](methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
286	H	[2-(cyclopropylamino)ethyl]amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
287	H	(2R)-2-(hydroxymethyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
288	H	(2S)-2-(hydroxymethyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
289	H	[(1R,3S)-3-amino-2,2-dimethylcyclopropyl]amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
290	H	(2S)-2-methylmorpholin-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
291	H	(3rac,4rac)-3-amino-4-fluoropyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
292	H	(2rac)-2-carboxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
293	H	dimethylamino	H	H	H	H	3,4-dichloro-5-(dimethylamino)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
294	H	dimethylamino	H	H	H	H	3-chloro-5-(dimethylamino)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

295	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	5-chloro-2-fluoro-4-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
296	H	dimethylamino	H	H	H	H	phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
297	H	(2-hydroxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
298	H	(2-methoxyethyl)amino	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
299	H	(2R)-2-carboxylatopyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
300	H	6-oxa-3-azabicyclo[3.1.1]hept-3-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
301	H	3,9-dioxa-7-azabicyclo[3.3.1]non-7-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
302	H	8-oxa-3-azabicyclo[3.2.1]oct-3-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
303	H	(2R,6S)-2,6-dimethylmorpholin-4-yl	H	H	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
304	H	(2R,6S)-2,6-dimethylmorpholin-4-yl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
305	H	(2R,6S)-2,6-dimethylmorpholin-4-yl	H	H	H	H	2,3-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
306	H	(2R,6S)-2,6-dimethylmorpholin-4-yl	H	H	H	H	3,5-difluorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
307	H	dimethylamino	H	H	H	H	4-chloro-3-(dimethylamino)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
308	H	dimethylamino	H	H	H	H	3,5-dichloro-4-(dimethylamino)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
309	H	morpholin-4-yl	H	methyloxy	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
310	H	morpholin-4-yl	H	methyloxy	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
311	H	dimethylamino	H	H	H	H	3-chloro-4-(dimethylamino)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
312	H	dimethylamino	H	H	H	H	3-(methylamino)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

313	H	morpholin-4-yl	H	H	H	H	2,6-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
314	H	morpholin-4-yl	H	trifluoromethyl	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
315	H	dimethylamino	H	trifluoromethyl	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
316	H	dimethylamino	H	H	chloro	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
317	H	(3rac)-3-hydroxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
318	H	(3S)-3-(hydroxymethyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
319	H	morpholin-4-yl	H	H	H	H	2-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
320	H	(2S)-2-(ethoxycarbonyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
321	H	2,4-dimethyl-3,5-dioxo-1,2,4-triazolidin-1-yl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
322	H	morpholin-4-yl	H	H	H	H	3-(trifluoromethoxy)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
323	H	dimethylamino	H	H	H	H	3-chloro-5-(morpholin-4-yl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
324	H	dimethylamino	H	H	H	H	2-chloro-4-(dimethylamino) phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
325	H	dimethylamino	H	H	H	H	3-chloro-4-(dimethylamino) -5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
326	H	dimethylamino	H	methyloxy	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
327	H	dimethylamino	H	methyloxy	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
328	H	methyl[2-(2-oxopyrrolidin-1-yl)ethyl]amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
329	H	(3R)-3-(hydroxymethyl)pyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

330	H	dimethylamino	H	fluoro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
331	H	methyl(oxetan-3-yl)amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
332	H	(3R)-3-carboxypyrrolidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
333	H	methyloxy	H	H	H	H	3,5-dichloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
334	H	ethyloxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
335	H	isopropyloxy	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
336	H	isopropyloxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
337	H	cyclopentyloxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
338	H	(2-methoxyethyl)oxy	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
339	H	tetrahydro-2H-pyran-4-yloxy	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
340	H	(2-hydroxyethyl)oxy	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
341	H	ethyloxy	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
342	H	(3,3-dimethylbutyl)oxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
343	H	(3-fluorobenzyl)oxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
344	H	(2,3-difluorobenzyl)oxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
345	H	(3-methoxybenzyl)oxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
346	H	(3R)-pyrrolidin-3-yloxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
347	H	(3-methoxy-3-methylbutyl)oxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
348	H	(cyclopentylmethyl)oxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
349	H	isopropyloxy	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl

350	H	ethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
351	H	ethyl	H	H	H	H	3-chloro-5-ethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
352	H	methyl	H	H	H	H	3-chloro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
353	H	methyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
354	H	1-cyano-2-ethoxy-2-oxoethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
355	H	cyanomethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
356	H	propyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
357	H	prop-1-en-2-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
358	H	cyclopropyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
359	H	isopropyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
360	H	2-amino-2-oxoethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
361	H	nitrilomethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
362	H	(2-hydroxyethyl)sulfanyl	H	H	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
363	H	pyridin-2-ylsulfanyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
364	H	(2-hydroxyethyl)sulfanyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
365	H	methylsulfanyl	H	H	H	H	3-chloro-5-(methylsulfanyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
366	H	ethylsulfanyl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
367	H	ethylsulfanyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
368	H	ethylsulfinyl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
369	H	ethylsulfonyl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

370	H	ethylsulfinyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
371	H	ethylsulfonyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
372	H	(2-carboxyethyl)sulfanyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
373	H	methyloxy	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

Number	R1	R2	R3	R4	R5	R6	Q	A
374	H	(2rac)-2-(trifluoromethyl)morpholin-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
375	H	(2-methoxy-2-oxoethyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
376	H	H	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
377	H	dimethylamino	H	H	H	H	5-fluoro-2-methoxypyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
378	H	dimethylamino	H	H	H	H	2-cyanopyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
379	H	dimethylamino	H	H	H	H	2-aminopyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
380	H	dimethylamino	H	H	H	H	2-methylpyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
381	H	dimethylamino	H	H	H	H	3-methylpyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
382	H	dimethylamino	H	H	H	H	3-chloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
383	H	dimethylamino	H	H	H	H	3-fluoropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
384	H	methylamino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
385	H	methylamino	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
386	H	isopropyl	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
387	H	dimethylamino	H	H	H	H	5-cyano-4-methyl-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
388	H	dimethylamino	H	H	H	H	2,5-dimethyl-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
389	H	dimethylamino	H	H	H	H	5-cyano-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
390	H	dimethylamino	H	H	H	H	5-chloro-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
391	H	dimethylamino	H	H	H	H	5-methyl-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
392	H	3-fluoroazetidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
393	H	4-fluoropiperidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

394	H	3,3-difluoroazetidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
395	H	methylamino	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
396	H	pyridin-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
397	H	2-oxo-1,2-dihydropyridin-5-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
398	H	4,4-difluoropiperidin-1-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
399	H	dimethylamino	H	H	H	H	2-morpholin-4-ylpyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
400	H	dimethylamino	H	H	H	H	5-chloro-2-methoxypyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
401	H	dimethylamino	H	H	H	H	3-methoxypyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
402	H	dimethylamino	H	H	H	H	2-(hydroxymethyl)pyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
403	H	dimethylamino	H	H	H	H	3,5-difluoropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
404	H	cyclobutyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
405	H	2-hydroxyethylamino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
406	H	isopropyl	H	H	H	H	3-chlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
407	H	isopropyl	H	H	H	H	3-(trifluoromethoxy)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
408	H	isopropyl	H	H	H	H	2-fluoro-3-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
409	H	isopropyl	H	H	H	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
410	H	isopropyl	H	H	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
411	H	isopropyl	H	H	H	H	3-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
412	H	2-aminopyrimidin-5-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
413	H	dimethylamino	H	H	H	H	2,6-difluoropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
414	H	dimethylamino	H	H	H	H	2-chloro-3-fluoropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
415	H	dimethylamino	H	H	H	H	2,5-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
416	H	dimethylamino	H	H	H	H	5-fluoro-2-isopropyloxypyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
417	H	dimethylamino	H	H	H	H	2-ethoxy-5-fluoropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
418	H	isopropyl	H	H	H	H	2-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

419	H	isopropyl	H	H	H	H	3-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
420	H	isopropyl	H	H	H	H	2-chloro-3-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
421	H	isopropyl	H	H	H	H	2-chloro-3-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
422	H	isopropyl	H	H	H	H	2,5-dimethyl-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
423	H	isopropyl	H	H	H	H	2,5-dichloro-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
424	H	2-aminoethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
425	H	isopropyl	H	fluoro	H	H	2,5-dimethyl-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
426	H	isopropyl	H	fluoro	H	H	2,5-dichloro-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
427	H	methoxy(methyl)amino	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
428	H	dimethylamino	H	H	cyano	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
429	H	dimethylamino	H	H	hydroxy	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
430	H	isopropyl	H	H	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
431	H	isopropyl	H	H	H	H	3-chloro-5-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
432	H	(dimethylamino)methyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
433	H	dimethylamino	H	H	H	H	2,5-bis(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
434	H	dimethylamino	H	H	H	H	5-fluoro-2-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
435	H	dimethylamino	H	H	H	H	2-chloro-5-cyanophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
436	H	dimethylamino	H	H	H	H	5-fluoro-2-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
437	H	dimethylamino	H	H	H	H	2-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
438	H	isopropyl	H	H	H	H	3,5-dichloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
439	H	3-fluoro-2-oxo-1,2-dihydropyridin-5-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
440	H	amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
441	H	morpholin-4-yl	H	H	H	H	2,5-dichloro-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
442	H	morpholin-4-yl	H	H	H	H	3-chloro-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
443	H	morpholin-4-yl	H	H	H	H	5-chloro-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
444	H	isopropyl	H	H	H	H	3-chloro-2-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
445	H	1,2-oxazolidin-2-yl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
446	H	isopropyl	H	H	H	H	3-chloro-4-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

447	H	isopropyl	H	H	H	H	2,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
448	H	isopropyl	H	H	H	H	3-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
449	H	isopropyl	H	H	H	H	3,4,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
450	H	isopropyl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
451	H	isopropyl	H	H	H	H	2-methyl-5-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
452	H	methoxy(methyl)amino	H	H	H	H	2,3,5-trifluorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
453	H	isopropyl	H	H	H	H	2,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
454	H	1H-pyrazol-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
455	H	isopropyl	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
456	H	dimethylamino	H	H	H	H	2-methyl-1,3-thiazol-5-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
457	H	dimethylamino	H	H	H	H	4-chloro-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
458	H	dimethylamino	H	H	H	H	5-(trifluoromethyl)-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
459	H	dimethylamino	H	H	H	H	5-fluoro-2-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
460	H	dimethylamino	H	H	H	H	3,5-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
461	H	morpholin-4-yl	H	H	H	H	2,5-bis(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
462	H	morpholin-4-yl	H	H	H	H	2,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
463	H	morpholin-4-yl	H	H	H	H	5-fluoro-2-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
464	H	morpholin-4-yl	H	H	H	H	2-chloro-5-cyanophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
465	H	morpholin-4-yl	H	H	H	H	2-chloro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
466	H	morpholin-4-yl	H	H	H	H	5-fluoro-2-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
467	H	morpholin-4-yl	H	H	H	H	2-fluoro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
468	H	morpholin-4-yl	H	H	H	H	2,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
469	H	dimethylamino	H	H	H	H	2,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
470	H	dimethylamino	H	H	H	H	2-chloro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
471	H	dimethylamino	H	H	H	H	2,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
472	H	dimethylamino	H	H	H	H	2,6-dimethoxypyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
473	H	dimethylamino	H	H	H	H	2-chloro-6-methylpyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl

474	H	dimethylamino	H	H	H	H	2,3-dimethoxypyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
475	H	dimethylamino	H	H	H	H	3-chloro-2-methoxypyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
476	H	dimethylamino	H	H	H	H	2,3-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
477	H	isopropyl	H	fluoro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
478	H	vinyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
479	H	isopropyl	H	fluoro	H	H	3-(trifluoromethoxy)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
480	H	morpholin-4-yl	H	H	H	H	2,5-dimethyl-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
481	H	morpholin-4-yl	methyl	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
482	H	2,2-difluoroethyl(methyl)amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
483	H	morpholin-4-yl	methyl	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
484	H	oxetan-3-ylmethylamino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
485	H	morpholin-4-yl	H	fluoro	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
486	H	morpholin-4-yl	H	fluoro	H	H	1,3-benzothiazol-7-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
487	H	isopropyl	H	fluoro	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
488	H	isopropyl	H	fluoro	H	H	3-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
489	H	3-thienyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
490	H	morpholin-4-yl	H	fluoro	H	H	2,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
491	H	morpholin-4-yl	H	fluoro	H	H	2,3-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
492	H	morpholin-4-yl	H	fluoro	H	H	2,3-dichlorophenyl	(1S)-1,2,3,4-tetrahydronaphthalen-1-yl
493	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(3rac)-2,3-dihydro-1-benzothiophen-3-yl
494	H	cyclopentyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
495	H	morpholin-4-yl	H	H	H	H	2,3-dichloro-5-hydroxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
496	H	morpholin-4-yl	H	H	H	methoxy	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
497	H	morpholin-4-yl	H	H	H	methoxy	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
498	H	morpholin-4-yl	H	H	methoxy	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
499	H	morpholin-4-yl	H	H	methoxy	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

500	H	morpholin-4-yl	H	H	methoxy	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
501	H	dimethylamino	H	H	methoxy	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
502	H	dimethylamino	H	H	methoxy	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
503	H	dimethylamino	H	H	methoxy	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
504	H	dimethylamino	H	H	H	methoxy	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
505	H	dimethylamino	H	H	H	methoxy	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
506	H	dimethylamino	H	H	H	methoxy	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
507	H	dimethylamino	H	H	H	chloro	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
508	H	dimethylamino	H	H	H	chloro	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
509	H	dimethylamino	H	H	H	chloro	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
510	H	dimethylamino	H	H	trifluoro-methyl	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
511	H	dimethylamino	H	H	trifluoro-methyl	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
512	H	morpholin-4-yl	H	H	trifluoro-methyl	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
513	H	morpholin-4-yl	H	H	trifluoro-methyl	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
514	H	morpholin-4-yl	H	H	trifluoro-methyl	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
515	H	methyl(oxan-4-ylmethyl)amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
516	H	methoxy(methyl)amino	H	fluoro	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
517	H	morpholin-4-yl	H	H	hydroxy	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
518	H	oxetan-3-ylmethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
519	H	(3rac)-pyrrolidin-3-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
520	H	1-(difluoromethyl)-1H-pyrazol-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
521	H	morpholin-4-yl	H	H	hydroxy	H	2,3-dichloro-5-hydroxyphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
522	H	dimethylamino	methyl	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
523	H	dimethylamino	methyl	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
524	H	dimethylamino	methyl	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
525	H	ethyl(methyl)amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
526	H	isopropyl(methyl)amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
527	H	ethyl(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
528	H	dimethylamino	H	amino	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
529	H	dimethylamino	H	amino	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

530	H	morpholin-4-yl	H	H	H	methoxy	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
531	H	morpholin-4-yl	H	H	H	chloro	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
532	H	morpholin-4-yl	H	H	H	chloro	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
533	H	morpholin-4-yl	H	H	H	chloro	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
534	H	isopropyl(methyl)amino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
535	H	methoxy(methyl)amino	H	chloro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
536	H	morpholin-4-yl	H	amino	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
537	H	morpholin-4-yl	H	amino	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
538	H	morpholin-4-yl	H	amino	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
539	H	oxan-4-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
540	H	morpholin-4-yl	H	fluoro	H	H	3,4,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
541	H	methylamino	H	fluoro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
542	H	methylamino	H	fluoro	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
543	H	morpholin-4-yl	H	fluoro	H	H	2,5-dichloro-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
544	H	morpholin-4-yl	H	fluoro	H	H	2,5-dimethyl-3-thienyl	(4S)-3,4-dihydro-2H-chromen-4-yl
545	H	methylamino	H	fluoro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
546	H	morpholin-4-yl	H	fluoro	H	H	4-(difluoromethoxy)-3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
547	H	methylamino	H	fluoro	H	H	4-(difluoromethoxy)-3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
548	H	morpholin-4-yl	H	fluoro	H	H	2,3-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
549	H	morpholin-4-yl	H	fluoro	H	H	2,3,4-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
550	H	morpholin-4-yl	H	fluoro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
551	H	dimethylamino	H	amino	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
552	H	methyl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
553	H	morpholin-4-yl	H	chloro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
554	H	methyl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
555	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(1rac)-1-methyl-3,4-dihydro-2H-naphthalen-1-yl

556	H	morpholin-4-yl	H	chloro	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
557	H	morpholin-4-yl	H	chloro	H	H	3-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
558	H	morpholin-4-yl	H	chloro	H	H	3-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
559	H	dimethylamino	H	hydroxy	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
560	H	dimethylamino	H	hydroxy	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
561	H	dimethylamino	H	hydroxy	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
562	H	4-oxoimidazolidin-1-yl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
563	H	4-oxoimidazolidin-1-yl	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
564	H	morpholin-4-yl	H	chloro	H	H	3-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
565	H	morpholin-4-yl	H	chloro	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
566	H	2-hydroxyethylamino	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
567	H	2-hydroxyethylamino	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
568	H	2-hydroxyethylamino	H	H	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
569	H	4-oxoimidazolidin-1-yl	H	H	H	H	3-(trifluoromethoxy)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
570	H	ethyl	H	H	H	H	3-(trifluoromethoxy)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
571	H	methyl	H	H	H	H	3-(trifluoromethoxy)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
572	H	methyl	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
573	H	ethyl	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
574	H	dimethylamino	H	H	H	H	3,5-diethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
575	H	ethyl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
576	H	morpholin-4-yl	H	chloro	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
577	H	2-hydroxyethylamino	H	fluoro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
578	H	2-hydroxyethylamino	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
579	H	2-hydroxyethylamino	H	fluoro	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
580	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-6-bromochroman-4-yl
581	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-3,4-dihydro-1H-isochromen-4-yl
582	H	dimethylamino	H	H	H	H	2-chloro-3,5-diethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

583	H	morpholin-4-yl	H	H	H	H	2-chloro-3,5-diethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
584	H	morpholin-4-yl	H	hydroxy	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
585	H	dimethylaminocarbonyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
586	H	dimethylamino	H	H	H	H	3-tert-butyl-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
587	H	morpholin-4-yl	H	H	H	H	3-tert-butyl-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
588	H	morpholin-4-yl	H	H	H	H	3,5-diethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
589	H	2-hydroxyethyl(methyl)amino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
590	H	2-hydroxyethyl(methyl)amino	H	H	H	H	2,3,5-trichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
591	H	2-hydroxyethyl(methyl)amino	H	H	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
592	H	hydroxymethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
593	H	2-hydroxyethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
594	H	morpholin-4-yl	H	H	H	H	3-cyano-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
595	H	methyl-[[-(3rac)-oxolan-3-yl]methyl]amino	H	fluoro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
596	H	2-(1H-pyrazol-1-yl)ethylamino	H	fluoro	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
597	H	2-hydroxyethylamino	H	fluoro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
598	H	dimethylamino	H	H	H	H	3-cyano-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
599	H	2-(1H-imidazol-1-yl)ethylamino	H	fluoro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
600	H	methyl	H	H	H	H	2-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
601	H	dimethylamino	H	H	H	H	5-tert-butyl-2-chloro-3-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
602	H	4-oxoimidazolidin-1-yl	H	H	H	H	2-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
603	H	ethyl	H	H	H	H	2-chloro-5-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
604	H	4-oxoimidazolidin-1-yl	H	H	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
605	H	methyl	H	H	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
606	H	2-hydroxyethyl(methyl)amino	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
607	H	morpholin-4-yl	H	H	H	H	5-tert-butyl-2-chloro-3-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
608	H	morpholin-4-yl	H	H	H	H	2,3-dichloro-5-cyanophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
609	H	morpholin-4-yl	H	trifluoro-methoxy	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

610	H	morpholin-4-yl	H	trifluoro-methoxy	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
611	H	morpholin-4-yl	H	trifluoro-methoxy	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
612	H	dimethylamino	H	trifluoro-methoxy	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
613	H	dimethylamino	H	trifluoro-methoxy	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
614	H	dimethylamino	H	trifluoro-methoxy	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
615	H	morpholin-4-yl	H	hydroxy	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
616	H	morpholin-4-yl	H	hydroxy	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
617	H	dimethylamino	H	cyano	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
618	H	dimethylamino	H	H	hydroxy	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
619	H	dimethylamino	H	H	hydroxy	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
620	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-8-fluorochroman-4-yl
621	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-6,8-dichlorochroman-4-yl
622	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-6-chlorochroman-4-yl
623	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-6-fluorochroman-4-yl
624	H	dimethylamino	H	H	H	H	2,3-dichloro-5-cyanophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
625	H	2-(1H-imidazol-1-yl)ethylamino	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
626	H	morpholin-4-yl	H	H	hydroxy	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
627	H	morpholin-4-yl	H	H	hydroxy	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
628	H	ethyl	H	H	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
629	H	methylamino	H	chloro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
630	H	morpholin-4-yl	H	chloro	H	H	3,5-dichlorophenyl	(1rac)-3,3-dimethylindan-1-yl
631	H	[acetyl(methyl)amino]methyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
632	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-8-chlorochroman-4-yl
633	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-6,8-difluorochroman-4-yl
634	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-8-bromochroman-4-yl
635	H	morpholin-4-yl	H	chloro	H	H	3,5-dichlorophenyl	(1rac)-3-oxoindan-1-yl
636	H	methylamino	H	chloro	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

637	H	ethylamino	H	fluoro	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
638	H	ethylamino	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
639	H	ethylamino	H	fluoro	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
640	H	ethylamino	H	fluoro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
641	H	2-acetyloxyethylamino	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
642	H	morpholin-4-yl	H	cyano	H	H	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
643	H	2-(dimethylamino)ethyl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
644	H	2-(1H-imidazol-1-yl)ethyl-methylamino	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
645	H	methyl	H	H	H	H	2-chloro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
646	H	ethyl	H	H	H	H	2-chloro-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
647	H	methyl(2-methylsulfonylethyl)amino	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
648	H	3-fluoroazetidin-1-yl	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
649	H	2-hydroxyethyl(methyl)amino	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
650	H	(3-methoxy-3-oxopropyl)-methylamino	H	fluoro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
651	H	morpholin-4-yl	H	H	H	cyano	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
652	H	morpholin-4-yl	H	cyano	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
653	H	3,6-dihydro-2H-pyran-4-yl	H	H	H	H	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
654	H	1,3-dimethyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-5-yl	H	H	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
655	H	ethyl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
656	H	dimethylamino	H	H	H	H	5-chloro-1H-imidazol-2-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
657	H	morpholin-4-yl	H	H	H	cyano	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
658	H	dimethylamino	H	H	H	cyano	5-chloro-2-fluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
659	H	dimethylamino	H	H	H	cyano	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
660	H	oxetan-3-yl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
661	H	methyl(2-methylsulfonylethyl)amino	H	fluoro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
662	H	iodo	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
663	H	morpholin-4-yl	H	H	H	cyano	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

664	H	dimethylamino	H	H	H	cyano	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
665	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(4rac)-8-fluoro-3,4-dihydro-1H-isochromen-4-yl
666	H	2-hydroxyethyl(methyl)amino	H	fluoro	H	H	3,5-dichlorophenyl	(1S)-2,3-dihydro-1H-inden-1-yl
667	H	dimethylamino	H	H	H	H	3,5-dichlorophenyl	(1rac)-3-oxoindan-1-yl
668	H	dimethylamino	H	chloro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
669	H	dimethylamino	H	chloro	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
670	H	dimethylamino	H	chloro	H	H	3-tert-butyl-5-methylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
671	H	dimethylamino	H	chloro	H	H	3-(trifluoromethyl)phenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
672	H	dimethylamino	H	chloro	H	H	3,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
673	H	2-(1H-pyrazol-1-yl)ethylamino	H	fluoro	H	H	2,6-dichloropyridin-4-yl	(4S)-3,4-dihydro-2H-chromen-4-yl
674	H	2-hydroxyethyl(methyl)amino	H	chloro	H	H	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
676	H	ethyl	H	H	H	H	2,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
677	H	(3rac)-pyrrolidin-3-yl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
678	H	(3rac)-tetrahydrofuran-3-yl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
679	H	1-methyl-piperidin-4-yl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
680	H	morpholin-4-yl	H	H	H	hydroxy	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
681	H	morpholin-4-yl	H	H	H	hydroxy	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
682	H	dimethylamino	H	H	H	hydroxy	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
683	H	dimethylamino	H	H	H	hydroxy	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
684	H	isopropyl	H	fluoro	H	H	2,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
685	H	methyl	H	H	H	H	2,5-dimethylphenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
686	H	methoxymethyl	H	H	H	H	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
687	H	ethyl	H	H	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
688	H	ethyl	H	H	H	H	2,3,4-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
689	H	morpholin-4-yl	H	fluoro	H	fluoro	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
690	H	dimethylamino	H	fluoro	H	fluoro	2,3,5-trifluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
691	H	morpholin-4-yl	H	fluoro	H	fluoro	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

692	H	dimethylamino	H	fluoro	H	fluoro	3,5-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
693	H	morpholin-4-yl	H	fluoro	H	fluoro	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
694	H	dimethylamino	H	fluoro	H	fluoro	2,3-dichlorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl
695	H	methyl	H	H	H	H	3,5-difluorophenyl	(4S)-3,4-dihydro-2H-chromen-4-yl

TABLE 2: LC-MS and NMR data

NMR peak forms are stated as they appear in the spectra, possible higher order effects have not been considered.

NMR peak lists

^{1}H-NMR data of selected examples are written in form of ^{1}H-NMR peak lists. To each signal peak are listed the δ-value in ppm and the signal intensity in round brackets. Between the δ-value – signal intensity pairs are semicolons or commas as delimiters.

The peak list of an example has therefore the form:

δ_1 (intensity$_1$); δ_2 (intensity$_2$);……..; δ_i (intensity$_i$);……; δ_n (intensity$_n$) or

δ_1 (intensity$_1$), δ_2 (intensity$_2$),……..; δ_i (intensity$_i$),……, δ_n (intensity$_n$)

Intensity of sharp signals correlates with the height of the signals in a printed example of a NMR spectrum in cm and shows the real relations of signal intensities. From broad signals several peaks or the middle of the signal and their relative intensity in comparison to the most intensive signal in the spectrum can be shown.

For calibrating chemical shift for ^{1}H spectra, we use tetramethylsilane and/or the chemical shift of the solvent used, especially in the case of spectra measured in DMSO. Therefore in NMR peak lists, tetramethylsilane peak can occur but not necessarily.

The ^{1}H-NMR peak lists are similar to classical ^{1}H-NMR prints and contains therefore usually all peaks, which are listed at classical NMR-interpretation.

Additionally they can show like classical ^{1}H-NMR prints signals of solvents, stereoisomers of the target compounds, which are also object of the invention, and/or peaks of impurities.

To show compound signals in the delta-range of solvents and/or water the usual peaks of solvents, for example peaks of DMSO in DMSO-D_6 and the peak of water are shown in our ^{1}H-NMR peak lists and have usually on average a high intensity .

The peaks of stereoisomers of the target compounds and/or peaks of impurities have usually on average a lower intensity than the peaks of target compounds (for example with a purity >90%).

Such stereoisomers and/or impurities can be typical for the specific preparation process. Therefore their peaks can help to recognize the reproduction of our preparation process via "side-products-fingerprints".

An expert, who calculates the peaks of the target compounds with known methods (MestreC, ACD-simulation, but also with empirically evaluated expectation values) can isolate the peaks of the target compounds as needed optionally using additional intensity filters. This isolation would be similar to relevant peak picking at classical ^{1}H-NMR interpretation.

Further details of NMR-data description with peak lists you find in the publication "Citation of NMR Peaklist Data within Patent Applications" of the Research Disclosure Database Number 564025.

Example N°	logP (Method L0) [a]	LC-MS (Method L2-L5)	NMR or NMR Peaklist
1		LC-MS (Method L1): Rt = 1.42 min; MS (ESIpos): m/z = 440 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (4.41), 0.008 (4.06), 2.342 (16.00), 2.759 (1.07), 7.059 (1.60), 7.111 (0.66), 7.128 (1.05), 7.183 (4.61), 7.195 (1.69), 7.202 (0.82), 7.207 (0.96), 7.422 (0.89), 7.438 (0.75), 7.855 (4.02), 7.865 (2.24), 7.869 (2.26), 8.303 (1.26), 8.314 (1.10), 8.317 (1.07), 8.328 (1.10), 8.874 (5.11), 9.102 (0.96), 9.123 (0.96).
2		LC-MS (Method L1): Rt = 1.47 min; MS (ESIpos): m/z = 481 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.38), 1.805 (1.14), 1.836 (2.05), 1.854 (1.44), 1.862 (1.41), 1.867 (1.25), 1.879 (1.41), 1.887 (1.60), 1.910 (1.44), 1.932 (1.44), 1.946 (1.07), 1.960 (0.93), 2.045 (1.14), 2.069 (1.54), 2.080 (1.05), 2.088 (1.03), 2.746 (1.96), 2.760 (3.98), 2.771 (3.46), 2.787 (1.53), 3.289 (3.24), 5.230 (0.89), 5.248 (1.82), 5.265 (1.70), 5.281 (0.81), 7.111 (2.30), 7.128 (3.40), 7.161 (1.10), 7.166 (1.44), 7.179 (3.34), 7.184 (3.63), 7.190 (3.11), 7.196 (4.53), 7.202 (2.62), 7.208 (2.92), 7.212 (2.70), 7.226 (0.95), 7.422 (3.20), 7.439 (2.63), 7.444 (2.24), 7.675 (7.89), 7.679 (16.00), 7.683 (9.38), 7.687 (5.20), 7.692 (1.77), 7.889 (2.30), 7.907 (3.45), 7.909 (4.06), 7.928 (3.18), 7.999 (3.67), 8.002 (4.95), 8.017 (2.68), 8.020 (3.30), 8.383 (3.21), 8.386 (4.14), 8.404 (2.94), 8.407 (3.59), 8.940 (10.21), 9.119 (3.46), 9.141 (3.28).
3		LC-MS (Method L1): Rt = 1.37 min; MS (ESIpos): m/z = 467 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 0.008 (1.33), 1.234 (2.20), 1.397 (0.85), 1.924 (1.63), 1.935 (0.83), 1.946 (1.76), 1.956 (1.90), 1.967 (0.79), 1.977 (1.84), 1.998 (0.66), 2.524 (2.18), 2.567 (0.88), 2.575 (0.77), 2.838 (0.77), 2.859 (1.28), 2.878 (2.28), 2.898 (2.50), 2.918 (1.19), 2.951 (1.54), 2.959 (1.64), 2.973 (1.71), 2.980 (1.81), 2.990 (0.99), 2.999 (0.88), 3.012 (0.86), 3.020 (0.74), 3.070 (1.91), 5.542 (1.02), 5.562 (2.83), 5.582 (2.79), 5.602 (0.92), 7.223 (0.96), 7.232 (4.00), 7.240 (4.95), 7.246 (5.24), 7.254 (7.15), 7.263 (2.96), 7.271 (3.67), 7.281 (2.50), 7.293 (1.17), 7.435 (2.55), 7.446 (2.61), 7.456 (2.00), 7.635 (1.10), 7.665 (0.98), 7.678 (13.08), 7.681 (16.00), 7.686 (7.10), 7.689 (3.73), 7.695 (1.37), 7.700 (0.80), 7.895 (2.06), 7.913 (4.25), 7.934 (3.06), 8.004 (4.66), 8.008 (3.27), 8.022 (3.28), 8.026 (2.07), 8.393 (4.14), 8.396 (2.75), 8.414 (3.73), 8.417 (2.39), 8.962 (10.00), 9.118 (3.31), 9.139 (3.23).
4		LC-MS (Method L1): Rt = 1.33 min; MS (ESIpos): m/z = 483 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 0.008 (2.60), 0.833 (1.52), 0.839 (3.28), 0.855 (3.89), 0.859 (2.26), 0.871 (1.10), 0.876 (0.82), 1.106 (9.55), 1.157 (1.22), 1.175 (2.15), 1.193 (1.15), 1.988 (3.86), 2.058 (0.88), 2.066 (0.96), 2.076 (1.10), 2.086 (2.40), 2.093 (1.49), 2.100 (1.27), 2.109 (0.88), 2.196 (0.93), 2.208 (1.32), 2.221 (1.22), 2.229 (1.16), 2.243 (0.82), 3.076 (2.73), 3.288 (3.01), 4.021 (0.91), 4.038 (0.91), 4.221 (0.77), 4.241 (2.10), 4.249 (1.66), 4.261 (2.02), 4.270 (2.60), 4.279 (2.07), 4.287 (1.71), 4.296 (1.82), 5.266 (0.85), 5.281 (1.90), 5.301 (1.91), 5.315 (0.88), 6.789 (3.17), 6.791 (3.20), 6.809 (3.59), 6.812 (3.55), 6.916 (1.71), 6.918 (1.65), 6.934 (3.51), 6.937 (3.37), 6.953 (2.16), 6.956 (1.99), 7.157 (1.74), 7.162 (1.79), 7.179 (2.96), 7.196 (1.43), 7.200 (1.40), 7.379 (3.11), 7.398 (2.90), 7.676 (7.53), 7.680 (16.00), 7.685 (7.22), 7.688 (4.08), 7.694 (1.49), 7.893 (2.34), 7.911 (3.81), 7.914 (3.22), 7.932 (3.47), 8.006 (4.05), 8.010 (4.08), 8.024 (3.07), 8.027 (2.79), 8.387 (3.53), 8.390 (3.48), 8.408 (3.33), 8.411 (3.06), 8.962 (10.68), 9.251 (3.18), 9.272 (3.11).

5		LC-MS (Method L1): Rt = 1.24 min; MS (ESIpos): m/z = 449 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.48), 0.008 (3.53), 1.157 (0.87), 1.175 (1.69), 1.192 (0.90), 1.988 (2.96), 2.058 (0.97), 2.066 (1.02), 2.075 (1.14), 2.082 (1.14), 2.093 (1.62), 2.100 (1.34), 2.108 (0.97), 2.196 (1.00), 2.209 (1.44), 2.222 (1.34), 2.231 (1.27), 3.289 (3.14), 4.021 (0.70), 4.038 (0.70), 4.221 (0.87), 4.241 (2.39), 4.249 (1.84), 4.261 (2.26), 4.269 (2.89), 4.279 (2.24), 4.287 (1.79), 4.296 (2.04), 5.268 (0.95), 5.282 (2.07), 5.302 (2.07), 5.318 (0.95), 6.788 (3.63), 6.791 (4.03), 6.809 (4.26), 6.811 (4.43), 6.915 (2.02), 6.918 (2.07), 6.934 (4.08), 6.937 (4.13), 6.952 (2.54), 6.956 (2.41), 7.157 (2.04), 7.161 (2.19), 7.178 (3.28), 7.196 (1.67), 7.200 (1.59), 7.378 (3.31), 7.398 (3.16), 7.491 (1.37), 7.496 (1.05), 7.506 (3.83), 7.510 (10.25), 7.515 (4.63), 7.529 (6.47), 7.549 (2.34), 7.572 (3.11), 7.577 (5.20), 7.581 (2.86), 7.589 (1.84), 7.593 (2.59), 7.598 (1.67), 7.675 (2.91), 7.679 (6.05), 7.684 (3.38), 7.887 (2.84), 7.905 (4.85), 7.908 (3.73), 7.926 (5.13), 7.958 (5.28), 7.962 (5.82), 7.976 (3.31), 7.979 (2.86), 8.362 (4.30), 8.366 (4.45), 8.383 (4.11), 8.387 (3.83), 8.934 (16.00), 9.244 (3.56), 9.265 (3.46).
6		LC-MS (Method L1): Rt = 1.31 min; MS (ESIpos): m/z = 433 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.23), 0.008 (3.14), 0.853 (0.88), 1.175 (2.40), 1.235 (4.21), 1.925 (1.92), 1.934 (0.91), 1.945 (1.99), 1.956 (2.12), 1.967 (0.92), 1.976 (2.11), 1.998 (0.79), 2.517 (2.33), 2.525 (2.38), 2.568 (0.89), 2.859 (1.26), 2.878 (1.91), 2.899 (2.60), 2.919 (1.22), 2.951 (1.61), 2.959 (1.75), 2.973 (1.77), 2.981 (1.65), 2.990 (0.94), 2.999 (0.87), 3.287 (2.04), 5.544 (1.02), 5.564 (3.03), 5.584 (3.00), 5.604 (0.98), 5.754 (7.31), 6.510 (1.69), 7.232 (5.18), 7.241 (5.18), 7.246 (6.49), 7.255 (9.27), 7.264 (2.87), 7.272 (3.87), 7.281 (2.34), 7.285 (1.99), 7.294 (1.18), 7.434 (2.78), 7.447 (2.68), 7.456 (2.20), 7.488 (0.77), 7.492 (1.58), 7.497 (1.25), 7.507 (4.17), 7.512 (9.71), 7.515 (6.13), 7.517 (5.24), 7.531 (6.56), 7.551 (2.46), 7.574 (3.40), 7.579 (5.63), 7.584 (3.06), 7.592 (1.94), 7.596 (2.78), 7.601 (1.72), 7.676 (3.20), 7.678 (3.96), 7.680 (6.36), 7.685 (3.54), 7.889 (3.03), 7.907 (5.37), 7.910 (3.81), 7.928 (5.57), 7.957 (5.81), 7.961 (6.39), 7.975 (3.50), 7.979 (2.97), 8.368 (4.68), 8.372 (4.77), 8.389 (4.45), 8.393 (4.06), 8.935 (16.00), 9.113 (3.64), 9.134 (3.51).
7		LC-MS (Method L1): Rt = 1.24 min; MS (ESIpos): m/z = 483 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 0.008 (3.31), 0.852 (0.82), 1.142 (0.91), 1.157 (1.29), 1.172 (2.28), 1.175 (2.52), 1.192 (1.46), 1.234 (5.59), 1.394 (15.65), 1.398 (16.00), 1.985 (3.80), 1.988 (4.30), 2.039 (2.93), 2.046 (3.13), 2.057 (3.86), 2.064 (3.92), 2.074 (5.03), 2.082 (7.46), 2.086 (6.64), 2.090 (3.57), 2.098 (2.57), 2.185 (3.22), 2.196 (4.56), 2.207 (4.45), 2.218 (4.15), 2.230 (3.16), 2.242 (2.40), 2.251 (1.61), 2.365 (0.76), 2.707 (0.88), 3.288 (5.56), 4.020 (1.05), 4.038 (1.02), 4.204 (2.11), 4.232 (5.79), 4.259 (7.69), 4.268 (7.31), 4.276 (6.03), 4.285 (6.49), 4.296 (2.90), 4.304 (2.52), 4.312 (1.99), 5.251 (2.66), 5.266 (6.52), 5.285 (7.14), 5.300 (3.71), 6.781 (12.26), 6.788 (2.84), 6.801 (13.54), 6.809 (3.01), 6.903 (5.41), 6.922 (11.79), 6.940 (7.05), 6.953 (1.43), 7.150 (6.38), 7.170 (10.21), 7.189 (4.94), 7.363 (10.65), 7.383 (15.97), 7.403 (10.71), 7.456 (7.17), 7.475 (11.58), 7.495 (5.62), 7.511 (3.80), 7.528 (2.19), 7.548 (0.88), 7.573 (1.93), 7.590 (1.14), 7.677 (2.72), 7.720 (7.52), 7.723 (13.02), 7.727 (7.34), 7.740 (6.82), 7.743 (11.14), 7.747 (6.20), 7.845 (5.00), 7.849 (8.98), 7.852 (5.56), 7.863 (9.83), 7.866 (15.94), 7.870 (9.04), 7.883 (1.11), 7.898 (8.89), 7.902 (9.54), 7.919 (13.05), 7.923 (10.44), 7.937 (5.59), 7.940 (5.21), 7.958 (2.72), 7.976 (1.43), 8.362 (2.05), 8.383 (2.05), 8.397 (12.37), 8.418 (11.26), 8.854 (13.98), 8.860 (14.48), 8.932 (4.65), 9.245 (6.76), 9.254 (6.38), 9.266 (7.08), 9.275 (5.79).
8	2,53	LC-MS (Method L6): Rt = 2.06 min; MS (ESIpos): m/z = 492 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.11), 0.008 (1.00), 3.066 (16.00), 3.071 (4.46), 3.287 (1.77), 3.926 (1.28), 4.269 (0.87), 6.785 (0.90), 6.788 (0.97), 6.805 (1.03), 6.808 (1.03), 6.925 (0.97), 6.928 (0.93), 6.944 (0.61), 6.947 (0.58), 7.171 (0.77), 7.359 (0.80), 7.378 (0.74), 7.629 (1.51), 7.634 (12.99), 7.647 (1.14), 7.650 (0.96), 7.668 (0.99), 7.790 (1.13), 7.793 (1.20), 7.807 (0.93), 7.811 (0.88), 8.229 (1.01), 8.233 (1.03), 8.251 (0.94), 8.254 (0.89), 8.632 (3.95), 9.084 (0.86), 9.105 (0.84).

9		LC-MS (Method L1): Rt = 1.04 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (2.94), 0.008 (2.72), 2.323 (0.52), 2.710 (0.57), 3.070 (16.00), 3.286 (4.49), 3.567 (0.42), 5.534 (0.73), 7.220 (1.05), 7.235 (1.05), 7.242 (1.91), 7.267 (0.89), 7.630 (1.27), 7.636 (12.76), 7.648 (1.00), 7.670 (0.93), 7.788 (1.11), 7.792 (1.16), 7.806 (0.97), 8.232 (1.08), 8.253 (0.95), 8.638 (4.07), 8.941 (0.86), 8.962 (0.79).
10		LC-MS (Method L6): Rt = 1.69 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.60), 0.008 (1.51), 2.326 (13.07), 3.055 (16.00), 3.288 (3.31), 6.784 (0.87), 6.787 (0.96), 6.804 (1.02), 6.807 (1.05), 6.922 (0.96), 6.925 (0.93), 6.940 (0.61), 6.943 (0.58), 7.009 (1.28), 7.147 (3.19), 7.584 (0.61), 7.601 (1.16), 7.604 (0.75), 7.622 (1.25), 7.640 (1.28), 7.645 (1.45), 7.658 (0.73), 8.150 (0.99), 8.154 (0.99), 8.170 (0.93), 8.175 (0.84), 8.581 (4.01), 9.069 (0.84), 9.090 (0.81).
11		LC-MS (Method L7): Rt = 2.58 min; MS (ESIpos): m/z = 490 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) delta [ppm]: -0.007 (1.04), 0.007 (1.04), 2.568 (6.31), 3.046 (16.00), 3.286 (1.53), 5.532 (0.72), 5.548 (0.72), 7.220 (1.16), 7.224 (0.84), 7.228 (1.19), 7.233 (1.07), 7.238 (1.68), 7.266 (0.89), 7.403 (0.73), 7.623 (0.69), 7.627 (1.62), 7.631 (1.75), 7.641 (5.09), 7.645 (3.28), 7.664 (1.62), 7.667 (1.70), 8.012 (1.49), 8.014 (1.50), 8.016 (1.25), 8.578 (3.50), 8.934 (0.95), 8.951 (0.93).
12		LC-MS (Method L6): Rt = 2.18 min; MS (ESIpos): m/z = 506 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.00), 0.008 (2.59), 2.566 (6.36), 3.042 (16.00), 3.287 (1.44), 4.270 (0.90), 5.754 (4.48), 6.785 (1.08), 6.806 (1.12), 6.923 (1.03), 6.942 (0.64), 7.168 (0.84), 7.351 (0.82), 7.371 (0.78), 7.621 (0.71), 7.626 (1.60), 7.630 (2.09), 7.639 (6.13), 7.644 (3.08), 7.665 (1.73), 7.670 (1.76), 8.012 (1.45), 8.572 (3.85), 9.076 (0.91), 9.096 (0.91).
13		LC-MS (Method L1): Rt = 1.05 min; MS (ESIpos): m/z = 510 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.31), 0.008 (1.23), 3.065 (16.00), 4.270 (0.87), 6.785 (0.94), 6.788 (1.04), 6.806 (1.05), 6.809 (1.12), 6.926 (0.98), 6.929 (0.96), 6.944 (0.62), 7.171 (0.78), 7.377 (0.73), 7.628 (0.81), 7.646 (1.07), 7.650 (0.98), 7.668 (1.02), 7.802 (4.91), 7.806 (1.58), 7.818 (4.35), 7.824 (1.06), 8.227 (1.02), 8.231 (1.06), 8.249 (0.95), 8.252 (0.89), 8.636 (4.18), 9.087 (0.78), 9.108 (0.78).
14		LC-MS (Method L7): Rt = 2.39 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, CHLOROFORM-d) delta [ppm]: -0.008 (1.09), 0.008 (1.14), 1.562 (5.12), 2.082 (1.48), 2.090 (1.98), 2.098 (3.67), 2.107 (2.27), 2.116 (1.78), 2.588 (16.00), 4.031 (2.54), 4.248 (1.04), 4.259 (1.53), 4.270 (1.04), 6.783 (0.82), 7.213 (0.97), 7.232 (0.93), 7.348 (4.36), 7.353 (5.19), 7.377 (0.81), 7.525 (1.06), 7.530 (1.97), 7.535 (1.20), 7.571 (0.87), 7.590 (1.42), 7.611 (1.29), 7.676 (1.58), 7.679 (1.69), 7.694 (1.17), 7.697 (1.10), 8.088 (1.16), 8.171 (1.22), 8.193 (1.14).
15		LC-MS (Method L6): Rt = 1.55 min; MS (ESIpos): m/z = 452 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.60), 0.008 (1.51), 2.326 (13.07), 3.055 (16.00), 3.288 (3.31), 6.784 (0.87), 6.787 (0.96), 6.804 (1.02), 6.807 (1.05), 6.922 (0.96), 6.925 (0.93), 6.940 (0.61), 6.943 (0.58), 7.009 (1.28), 7.147 (3.19), 7.584 (0.61), 7.601 (1.16), 7.604 (0.75), 7.622 (1.25), 7.640 (1.28), 7.645 (1.45), 7.658 (0.73), 8.150 (0.99), 8.154 (0.99), 8.170 (0.93), 8.175
16		LC-MS (Method L6): Rt = 2.26 min; MS (ESIpos): m/z = 490 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 2.756 (0.89), 2.770 (0.83), 3.070 (16.00), 7.124 (0.88), 7.173 (0.86), 7.177 (0.86), 7.190 (1.17), 7.202 (0.75), 7.207 (0.69), 7.389 (0.77), 7.627 (1.23), 7.632 (11.18), 7.645 (1.08), 7.648 (0.95), 7.666 (0.97), 7.783 (1.07), 7.787 (1.17), 7.801 (0.91), 7.805 (0.87), 8.228 (1.01), 8.232 (1.03), 8.250 (0.94), 8.253 (0.90), 8.608 (3.86), 8.972 (0.87), 8.993 (0.85).

17		LC-MS (Method L1): Rt = 1.24 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.02), 0.008 (0.92), 1.169 (0.67), 3.268 (1.80), 3.280 (4.39), 3.287 (5.64), 3.865 (3.30), 3.877 (5.67), 3.889 (3.15), 4.244 (1.15), 4.252 (0.88), 4.265 (1.45), 4.276 (1.35), 4.283 (0.98), 4.292 (0.96), 5.255 (1.02), 5.275 (1.02), 6.786 (1.88), 6.789 (2.08), 6.807 (2.18), 6.810 (2.27), 6.915 (1.06), 6.918 (1.05), 6.934 (2.10), 6.937 (2.04), 6.952 (1.32), 6.955 (1.28), 7.153 (1.06), 7.158 (1.11), 7.175 (1.66), 7.192 (0.85), 7.196 (0.84), 7.380 (1.77), 7.399 (1.67), 7.633 (2.13), 7.636 (4.66), 7.639 (16.00), 7.643 (3.34), 7.682 (1.63), 7.699 (2.18), 7.703 (1.97), 7.721 (2.07), 7.830 (2.42), 7.834 (2.58), 7.848 (2.01), 7.851 (1.90), 8.276 (2.01), 8.280 (2.07), 8.297 (1.93), 8.301 (1.76), 8.699 (8.76), 9.164 (1.90), 9.184 (1.86).
18		LC-MS (Method L6): Rt = 1.77 min; MS (ESIpos): m/z = 506 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (2.30), 0.008 (2.10), 2.037 (0.83), 2.168 (0.72), 2.180 (0.72), 2.262 (16.00), 3.070 (2.04), 4.217 (0.95), 4.243 (1.45), 4.252 (1.36), 4.259 (1.09), 4.268 (1.06), 5.207 (0.94), 5.226 (0.92), 6.779 (1.82), 6.800 (1.99), 6.881 (1.11), 6.884 (1.13), 6.900 (2.29), 6.903 (2.22), 6.919 (1.39), 6.922 (1.31), 7.140 (0.97), 7.144 (1.05), 7.161 (1.67), 7.179 (0.84), 7.183 (0.82), 7.323 (2.16), 7.343 (1.95), 7.569 (0.80).
19		LC-MS (Method L6): Rt = 1.81 min; MS (ESIpos): m/z = 490 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.93), 0.008 (1.79), 1.879 (0.89), 1.899 (0.96), 1.908 (1.37), 1.930 (1.00), 2.261 (16.00), 2.832 (0.71), 2.851 (0.96), 2.871 (1.31), 2.940 (0.83), 2.949 (0.89), 2.962 (0.93), 2.971 (0.90), 3.081 (2.10), 5.500 (1.37), 5.520 (1.38), 7.201 (1.33), 7.207 (2.03), 7.215 (3.05), 7.223 (2.67), 7.230 (2.32), 7.243 (0.97), 7.248 (0.89), 7.258 (2.20), 7.274 (1.48), 7.280 (1.39), 7.361 (1.57), 7.368 (1.60), 7.383 (1.37), 7.546 (0.94), 7.568 (1.01).
20		LC-MS (Method L1): Rt = 1.32 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 1.149 (1.09), 1.837 (2.38), 2.069 (1.99), 2.757 (4.80), 3.878 (12.72), 5.231 (2.34), 7.125 (3.98), 7.180 (3.90), 7.197 (4.92), 7.213 (3.63), 7.411 (3.59), 7.428 (3.24), 7.636 (16.00), 7.680 (2.42), 7.698 (3.79), 7.718 (2.69), 7.826 (4.25), 7.842 (3.43), 8.280 (3.71), 8.300 (3.40), 8.673 (8.04), 9.047 (3.28), 9.067 (3.16).
21		LC-MS (Method L1): Rt = 1.20 min; MS (ESIpos): m/z = 494 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 3.071 (16.00), 5.515 (0.74), 5.535 (0.74), 7.213 (1.11), 7.222 (1.33), 7.230 (1.61), 7.234 (1.34), 7.261 (0.99), 7.381 (0.72), 7.389 (0.77), 7.495 (2.53), 7.500 (2.65), 7.584 (0.68), 7.607 (1.36), 7.630 (0.72), 7.679 (0.71), 7.684 (1.25), 7.689 (0.68), 8.280 (0.72), 8.295 (0.78), 8.304 (0.76), 8.319 (0.70), 8.607 (3.29), 8.927 (0.97), 8.948 (0.95).
22		LC-MS (Method L6): Rt = 2.26 min; MS (ESIpos): m/z = 510 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 3.067 (16.00), 4.249 (0.91), 4.258 (0.94), 6.779 (0.92), 6.782 (1.01), 6.800 (1.06), 6.803 (1.10), 6.912 (1.02), 6.915 (1.03), 6.931 (0.61), 7.165 (0.86), 7.339 (0.87), 7.358 (0.82), 7.494 (2.71), 7.499 (2.71), 7.584 (0.72), 7.607 (1.42), 7.630 (0.77), 7.677 (0.88), 7.682 (1.54), 7.687 (0.82), 8.278 (0.75), 8.294 (0.81), 8.302 (0.81), 8.318 (0.73), 8.600 (3.49), 9.066 (0.94), 9.087 (0.93).
23		LC-MS (Method L1): Rt = 0:8/ min; MS (ESIpos): m/z = 496 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (1.58), -0.008 (15.27), 0.008 (13.12), 0.146 (1.58), 2.154 (1.98), 2.367 (2.04), 2.709 (1.98), 3.054 (12.95), 3.067 (11.82), 3.288 (8.82), 4.260 (5.48), 5.250 (2.09), 6.782 (4.01), 6.803 (4.13), 6.895 (1.92), 6.910 (3.67), 6.928 (2.37), 7.160 (2.83), 7.308 (3.11), 7.325 (2.94), 7.517 (2.49), 7.535 (3.73), 7.556 (3.00), 7.732 (4.18), 7.746 (3.45), 7.784 (14.53), 7.801 (16.00), 8.339 (3.17), 8.360 (3.05), 8.453 (11.82), 8.966 (3.17), 8.987 (3.22).

24		LC-MS (Method L1): Rt = 0:86 min; MS (ESIpos): m/z = 478 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (1.23), -0.008 (10.75), 0.008 (11.29), 0.146 (1.26), 0.850 (1.36), 0.868 (0.82), 2.046 (1.11), 2.061 (1.08), 2.140 (1.17), 2.154 (1.33), 3.055 (9.80), 3.067 (9.17), 3.287 (3.23), 4.246 (2.43), 4.259 (4.02), 4.274 (2.37), 5.230 (1.36), 5.250 (1.39), 6.778 (2.53), 6.781 (2.78), 6.799 (2.91), 6.802 (3.04), 6.891 (1.39), 6.894 (1.42), 6.909 (2.75), 6.912 (2.81), 6.928 (1.71), 6.931 (1.74), 7.140 (1.36), 7.144 (1.49), 7.161 (2.21), 7.179 (1.14), 7.183 (1.17), 7.305 (2.15), 7.324 (2.09), 7.516 (2.06), 7.534 (2.62), 7.537 (2.50), 7.555 (2.43), 7.595 (1.71), 7.599 (3.98), 7.604 (4.93), 7.615 (16.00), 7.620 (9.01), 7.713 (3.07), 7.716 (3.35), 7.730 (2.69), 7.734 (2.59), 7.792 (1.55), 7.805 (1.49), 8.336 (2.21), 8.340 (2.40), 8.358 (2.25), 8.362 (2.18), 8.446 (9.01), 8.968 (2.50), 8.989 (2.43).
25		LC-MS (Method L1): Rt = 1.08 min; MS (ESIpos): m/z = 500 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 3.282 (1.79), 3.293 (1.98), 3.311 (16.00), 6.807 (0.71), 6.932 (0.68), 7.468 (0.89), 7.474 (0.85), 7.493 (0.76), 7.540 (0.71), 7.643 (0.98), 7.780 (0.75), 8.673 (1.65).
26		LC-MS (Method L1): Rt = 1.07 min; MS (ESIpos): m/z = 515 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (4.85), 0.008 (4.19), 1.234 (0.78), 1.710 (0.76), 1.740 (0.93), 1.986 (1.09), 1.999 (1.07), 2.007 (1.05), 2.021 (0.85), 2.072 (1.71), 2.366 (0.62), 2.709 (0.62), 3.287 (4.75), 3.971 (0.74), 3.977 (0.87), 3.999 (1.86), 4.006 (1.18), 4.021 (1.22), 4.027 (0.93), 4.132 (0.93), 4.139 (1.24), 4.149 (1.14), 4.158 (1.40), 4.168 (0.85), 4.176 (0.89), 4.185 (0.68), 5.041 (0.74), 5.055 (1.65), 5.074 (1.65), 5.088 (0.72), 6.741 (3.06), 6.761 (3.39), 6.837 (1.45), 6.840 (1.45), 6.856 (3.14), 6.874 (1.94), 7.020 (2.31), 7.039 (1.88), 7.122 (1.63), 7.126 (1.53), 7.142 (2.64), 7.160 (1.30), 7.164 (1.22), 7.264 (5.35), 7.499 (5.93), 7.502 (6.65), 7.519 (3.45), 7.523 (3.34), 7.700 (5.90), 7.703 (16.00), 7.802 (2.44), 7.820 (3.22), 7.841 (2.46), 7.917 (3.72), 8.008 (3.14), 8.011 (3.53), 8.027 (2.79), 8.030 (2.85), 8.962 (2.87), 8.982 (2.79), 9.152 (10.38).
27		LC-MS (Method L1): Rt = 1.06 min; MS (ESIpos): m/z = 530 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 12.73 (br s, 1H), 9.01 (d, 1H), 8.69 (s, 1H), 8.46 (d, 1H), 8.30 (br d, 1H), 8.13 (s, 1H), 7.75 (d, 1H), 7.69 (s, 1H), 7.41 - 7.62 (m, 4H), 7.07 - 7.36 (m, 8H), 5.39 - 5.60 (m, 2H), 2.90 - 3.07 (m, 2H), 2.73 - 2.88 (m, 2H), 2.57 - 2.69 (m, 1H), 2.53 - 2.71 (m, 13H), 2.30 - 2.44 (m, 1H), 2.09 (dq, 1H), 1.93 (dq, 1H).
28		LC-MS (Method L1): Rt = 1.09 min; MS (ESIpos): m/z = 564 [M+H]+	
29		LC-MS (Method L1): Rt = 0.88 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 3.072 (16.00), 3.287 (1.21), 5.754 (0.68), 6.774 (0.89), 6.777 (0.93), 6.794 (1.01), 6.797 (0.99), 6.905 (0.97), 6.908 (0.91), 6.923 (0.62), 7.303 (0.79), 7.311 (0.71), 7.324 (0.64), 7.332 (1.23), 7.579 (0.65), 7.633 (3.39), 7.641 (1.60), 7.651 (1.51), 8.240 (1.01), 8.247 (0.94), 8.258 (0.82), 8.265 (0.85), 8.531 (4.23), 9.073 (0.80), 9.093 (0.77).
30		LC-MS (Method L1): Rt = 0.88 min; MS (ESIpos): m/z = 460 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (0.71), 3.063 (16.00), 4.262 (0.82), 4.270 (0.92), 6.784 (0.87), 6.787 (0.95), 6.805 (1.03), 6.808 (1.04), 6.924 (0.98), 6.927 (0.96), 6.943 (0.63), 6.946 (0.58), 7.171 (0.79), 7.351 (0.81), 7.370 (0.78), 7.496 (0.70), 7.523 (0.72), 7.620 (0.81), 7.637 (1.13), 7.641 (1.00), 7.659 (1.13), 7.751 (1.16), 7.754 (1.21), 7.768 (0.93), 7.772 (0.86), 8.201 (1.03), 8.205 (1.05), 8.222 (0.98), 8.226 (0.90), 8.613 (3.83), 9.077 (0.87), 9.097 (0.85).

31		LC-MS (Method L1): Rt = 0.83 min; MS (ESIpos): m/z = 472 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 3.059 (16.00), 3.287 (0.75), 3.855 (10.21), 4.263 (0.81), 4.271 (0.92), 6.785 (0.89), 6.788 (1.00), 6.806 (1.02), 6.808 (1.10), 6.923 (0.99), 6.926 (1.02), 6.942 (0.60), 7.143 (0.67), 7.149 (1.06), 7.154 (1.00), 7.171 (0.85), 7.244 (0.97), 7.265 (0.76), 7.273 (0.99), 7.294 (0.73), 7.344 (0.93), 7.349 (1.64), 7.366 (1.32), 7.370 (1.57), 7.607 (0.73), 7.625 (1.04), 7.628 (0.92), 7.646 (1.00), 7.731 (1.12), 7.735 (1.21), 7.749 (0.87), 7.752 (0.84), 8.176 (0.99), 8.180 (1.04), 8.197 (0.93), 8.201 (0.91), 8.600 (3.83), 9.082 (0.91), 9.103 (0.89).
32		LC-MS (Method L1): Rt = 0.87 min; MS (ESIpos): m/z = 490 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.08), 0.008 (1.10), 3.069 (16.00), 3.944 (7.95), 4.253 (0.96), 4.262 (1.04), 6.777 (1.03), 6.781 (1.18), 6.798 (1.20), 6.801 (1.26), 6.894 (0.57), 6.897 (0.59), 6.912 (1.14), 6.915 (1.14), 6.931 (0.70), 6.934 (0.68), 7.116 (0.62), 7.131 (0.71), 7.134 (0.70), 7.146 (0.75), 7.163 (0.92), 7.186 (0.84), 7.213 (0.89), 7.339 (0.92), 7.358 (0.88), 7.623 (0.67), 7.641 (1.36), 7.643 (0.86), 7.661 (1.47), 7.675 (1.33), 7.679 (1.50), 7.692 (0.67), 8.235 (1.06), 8.239 (1.07), 8.255 (1.01), 8.260 (0.92), 8.549 (4.05), 9.070 (1.00), 9.091 (0.97).
33		LC-MS (Method L1): Rt = 0.84 min; MS (ESIpos): m/z = 456 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 1.819 (1.63), 1.835 (1.55), 3.072 (16.00), 4.248 (0.89), 4.257 (0.93), 6.777 (0.92), 6.798 (1.00), 6.904 (0.81), 7.160 (1.13), 7.181 (0.99), 7.184 (0.91), 7.328 (0.83), 7.347 (0.76), 7.558 (0.73), 7.562 (0.79), 7.576 (1.27), 7.579 (1.20), 7.618 (1.09), 7.635 (0.76), 7.639 (1.15), 7.656 (0.69), 8.216 (1.00), 8.220 (1.05), 8.237 (0.92), 8.241 (0.89), 8.521 (3.83).
34		LC-MS (Method L1): Rt = 0.93 min; MS (ESIpos): m/z = 492 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (0.91), 0.008 (0.91), 3.074 (16.00), 3.287 (1.06), 4.248 (0.91), 4.255 (1.07), 6.771 (1.09), 6.774 (1.20), 6.792 (1.29), 6.795 (1.32), 6.903 (1.12), 6.922 (0.67), 7.140 (0.60), 7.156 (0.93), 7.324 (1.17), 7.328 (1.10), 7.343 (1.08), 7.347 (1.14), 7.426 (0.79), 7.437 (0.86), 7.628 (1.83), 7.632 (3.18), 7.651 (1.79), 7.669 (0.69), 7.675 (1.55), 7.679 (1.60), 7.695 (1.35), 7.699 (1.26), 8.240 (1.22), 8.246 (1.24), 8.259 (1.08), 8.265 (1.09), 8.520 (2.86).
35		LC-MS (Method L1): Rt = 1.12 min; MS (ESIpos): m/z = 484 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.10), 0.008 (2.86), 1.147 (0.97), 1.920 (1.70), 1.930 (0.91), 1.940 (1.83), 1.952 (1.95), 1.961 (0.97), 1.971 (1.89), 1.993 (0.73), 2.366 (2.43), 2.525 (6.69), 2.566 (2.62), 2.710 (2.49), 2.831 (0.79), 2.852 (1.52), 2.871 (2.01), 2.891 (2.68), 2.911 (1.22), 2.963 (1.58), 2.972 (1.70), 2.985 (1.70), 2.994 (1.64), 3.002 (1.03), 3.012 (0.91), 3.024 (0.91), 3.033 (0.79), 3.288 (15.21), 3.297 (13.02), 3.859 (8.40), 3.871 (12.35), 3.882 (7.85), 5.524 (1.03), 5.543 (3.04), 5.563 (3.04), 5.582 (1.03), 7.226 (5.23), 7.234 (5.60), 7.240 (6.14), 7.248 (9.06), 7.258 (2.62), 7.270 (4.02), 7.279 (2.43), 7.292 (1.40), 7.420 (2.92), 7.429 (2.92), 7.442 (2.56), 7.451 (2.31), 7.456 (1.58), 7.466 (3.71), 7.471 (6.39), 7.476 (4.68), 7.479 (4.87), 7.497 (6.69), 7.516 (3.10), 7.538 (3.41), 7.542 (5.84), 7.547 (3.29), 7.556 (1.89), 7.560 (3.10), 7.565 (1.64), 7.640 (4.26), 7.644 (6.69), 7.649 (3.89), 7.675 (2.92), 7.693 (4.50), 7.696 (3.83), 7.714 (4.26), 7.777 (5.05), 7.781 (5.23), 7.795 (3.71), 7.799 (3.35), 8.255 (4.14), 8.258 (4.14), 8.276 (3.95), 8.279 (3.65), 8.675 (16.00), 9.020 (4.02), 9.041 (3.89).
36		LC-MS (Method L1): Rt = 0.86 min; MS (ESIpos): m/z = 472 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (0.70), -0.008 (6.82), 0.008 (6.40), 0.146 (0.83), 1.147 (1.53), 1.926 (4.03), 1.947 (3.76), 2.328 (1.25), 2.366 (2.09), 2.665 (1.11), 2.670 (1.25), 2.710 (2.09), 3.072 (16.00), 3.289 (10.16), 4.248 (1.11), 5.225 (0.56), 6.775 (1.11), 6.796 (1.25), 6.903 (0.83), 7.131 (1.11), 7.159 (1.11), 7.263 (0.83), 7.328 (0.97), 7.346 (0.83), 7.461 (1.25), 7.481 (0.97), 7.564 (0.97), 7.578 (1.39), 7.582 (1.39), 7.619 (1.11), 7.640 (1.25), 7.658 (0.70), 8.216 (1.11), 8.518 (4.31), 9.058 (0.56).

37		LC-MS (Method L1): Rt = 0.90 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.91), 0.008 (3.78), 1.147 (0.96), 2.019 (0.89), 2.028 (1.03), 2.047 (0.96), 2.055 (1.51), 2.062 (1.30), 2.070 (0.89), 2.170 (0.96), 2.182 (1.30), 2.194 (1.30), 2.204 (1.17), 2.327 (0.69), 2.366 (1.44), 2.665 (0.55), 2.669 (0.76), 2.674 (0.55), 2.710 (1.51), 3.081 (16.00), 4.212 (0.69), 4.232 (2.20), 4.240 (1.85), 4.252 (3.50), 4.261 (3.64), 4.268 (2.06), 4.277 (1.99), 4.295 (0.69), 5.218 (0.89), 5.232 (1.92), 5.252 (1.85), 5.266 (0.82), 6.778 (3.50), 6.781 (3.85), 6.799 (4.05), 6.802 (4.26), 6.894 (2.06), 6.897 (2.06), 6.912 (3.98), 6.915 (3.98), 6.931 (2.61), 6.934 (2.40), 7.143 (1.99), 7.147 (2.06), 7.164 (3.09), 7.182 (1.65), 7.186 (1.58), 7.319 (1.65), 7.341 (6.59), 7.364 (4.74), 7.480 (1.51), 7.487 (2.06), 7.495 (1.72), 7.502 (2.27), 7.518 (1.72), 7.528 (1.30), 7.540 (1.30), 7.636 (2.33), 7.654 (3.71), 7.657 (2.95), 7.675 (3.57), 7.730 (3.16), 7.745 (2.06), 8.257 (2.47), 8.277 (2.33), 8.550 (5.15), 9.077 (2.61), 9.097 (2.61).
38		LC-MS (Method L6): Rt = 1.80 min; MS (ESIpos): m/z = 508 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (1.49), -0.008 (13.57), 0.008 (12.78), 0.146 (1.49), 1.147 (1.73), 2.199 (0.78), 2.327 (1.25), 2.366 (1.88), 2.669 (1.41), 2.710 (1.88), 3.043 (1.65), 3.079 (16.00), 3.287 (12.86), 3.611 (0.63), 3.906 (4.16), 3.922 (4.16), 4.249 (0.78), 5.247 (0.71), 6.777 (1.10), 6.798 (1.18), 6.911 (0.94), 7.160 (0.86), 7.355 (1.18), 7.651 (0.71), 7.669 (1.02), 7.690 (1.18), 7.752 (1.25), 8.280 (1.02), 8.302 (0.94), 8.544 (4.00).
39		LC-MS (Method L1): Rt = 0.94 min; MS (ESIpos): m/z = 526 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (0.97), 0.008 (0.99), 3.043 (0.70), 3.071 (16.00), 3.289 (2.25), 4.241 (0.92), 4.250 (0.99), 6.769 (1.02), 6.772 (1.12), 6.789 (1.19), 6.792 (1.24), 6.877 (0.58), 6.896 (1.12), 6.914 (0.70), 7.137 (0.61), 7.154 (0.92), 7.318 (0.87), 7.339 (1.14), 7.361 (0.68), 7.374 (0.75), 7.394 (0.75), 7.597 (1.38), 7.604 (2.28), 7.624 (1.55), 7.641 (0.61), 7.776 (0.75), 7.894 (0.85), 7.899 (0.85), 7.904 (0.85), 7.910 (0.73), 8.233 (1.09), 8.239 (1.09), 8.253 (0.97), 8.258 (0.95), 8.473 (2.47), 8.476 (2.79), 9.074 (0.75), 9.094 (0.70).
40		LC-MS (Method L1): Rt = 1.28 min; MS (ESIpos): m/z = 510 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.20), 0.008 (1.12), 3.036 (16.00), 3.287 (1.15), 4.256 (0.82), 4.265 (0.81), 6.785 (0.91), 6.788 (1.01), 6.805 (1.04), 6.808 (1.09), 6.923 (0.98), 6.926 (0.95), 6.942 (0.61), 7.171 (0.77), 7.355 (0.79), 7.374 (0.75), 7.674 (1.45), 7.677 (3.02), 7.681 (6.87), 7.684 (2.17), 7.687 (1.35), 7.794 (0.76), 7.801 (1.01), 7.816 (0.76), 7.823 (0.93), 7.884 (0.86), 7.892 (0.85), 7.910 (0.84), 7.917 (0.75), 8.627 (3.52), 9.120 (0.88), 9.140 (0.86).
41		LC-MS (Method L1): Rt = 1.29 min; MS (ESIpos): m/z = 528 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 3.035 (16.00), 3.287 (1.06), 4.256 (0.95), 4.266 (0.97), 6.788 (1.08), 6.808 (1.19), 6.924 (1.08), 7.173 (0.90), 7.355 (0.95), 7.374 (0.86), 7.810 (0.67), 7.817 (0.87), 7.833 (0.70), 7.840 (0.82), 7.861 (3.09), 7.878 (3.15), 7.884 (0.99), 7.891 (0.79), 7.910 (0.83), 7.917 (0.71), 8.631 (3.37), 9.121 (1.00), 9.142 (0.97).
42		LC-MS (Method L1): Rt = 1.31 min; MS (ESIpos): m/z = 552 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 2.084 (0.98), 2.091 (0.83), 2.207 (0.87), 2.219 (0.85), 2.229 (0.81), 3.239 (2.45), 3.250 (5.46), 3.261 (5.61), 3.272 (2.65), 3.288 (1.94), 3.860 (4.44), 3.872 (7.25), 3.883 (4.20), 4.238 (1.42), 4.245 (1.11), 4.259 (1.49), 4.266 (1.84), 4.275 (1.47), 4.281 (1.19), 4.290 (1.20), 5.250 (1.36), 5.269 (1.34), 6.787 (2.49), 6.807 (2.79), 6.913 (1.30), 6.916 (0.97), 6.932 (2.70), 6.950 (1.60), 7.154 (1.30), 7.175 (2.09), 7.193 (1.03), 7.377 (2.28), 7.395 (2.06), 7.684 (12.45), 7.686 (16.00), 7.839 (1.47), 7.843 (1.61), 7.846 (1.80), 7.861 (1.53), 7.869 (1.65), 7.892 (1.84), 7.899 (1.55), 7.917 (1.79), 7.924 (1.38), 8.694 (6.98), 9.201 (2.39), 9.221 (2.33).

43		LC-MS (Method L1): Rt = 1.31 min; MS (ESIpos): m/z = 570 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (0.62), -0.008 (6.95), 0.008 (6.61), 0.146 (0.77), 1.146 (1.05), 1.235 (0.81), 2.085 (1.58), 2.208 (1.53), 2.327 (0.77), 2.366 (1.29), 2.670 (0.91), 2.709 (1.39), 3.249 (9.34), 3.260 (9.68), 3.287 (9.96), 3.861 (7.43), 3.872 (12.12), 3.883 (7.23), 4.238 (2.40), 4.266 (3.02), 4.275 (2.49), 4.292 (2.01), 5.250 (2.25), 5.269 (2.25), 6.790 (4.07), 6.808 (4.50), 6.916 (2.01), 6.932 (4.26), 6.954 (2.49), 7.159 (2.20), 7.176 (3.50), 7.197 (1.72), 7.377 (3.69), 7.396 (3.50), 7.856 (2.83), 7.863 (5.37), 7.868 (13.51), 7.884 (16.00), 7.891 (4.55), 7.898 (2.97), 7.916 (3.26), 7.923 (2.54), 8.700 (13.03), 9.202 (3.83), 9.222 (3.78).
44		LC-MS (Method L1): Rt = 0.90 min; MS (ESIpos): m/z = 472 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (2.21), 0.008 (2.14), 2.301 (2.93), 2.377 (7.46), 3.062 (16.00), 4.263 (0.86), 4.270 (0.99), 6.785 (1.06), 6.788 (1.15), 6.805 (1.22), 6.808 (1.26), 6.905 (0.56), 6.908 (0.59), 6.924 (1.13), 6.927 (1.11), 6.943 (0.70), 6.946 (0.67), 7.153 (0.60), 7.170 (0.91), 7.286 (1.86), 7.333 (1.69), 7.335 (1.73), 7.358 (0.93), 7.374 (0.87), 7.417 (1.07), 7.421 (1.60), 7.610 (0.86), 7.627 (1.27), 7.631 (1.03), 7.648 (1.23), 7.712 (1.31), 7.716 (1.44), 7.730 (0.99), 7.734 (0.91), 8.169 (2.71), 8.193 (1.12), 8.196 (1.15), 8.214 (1.07), 8.218 (1.00), 8.609 (4.09), 9.077 (0.98), 9.098 (0.96).
45		LC-MS (Method L1): Rt = 0.89 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (2.87), 0.008 (2.38), 3.066 (16.00), 4.242 (0.72), 4.261 (1.05), 4.269 (1.17), 6.785 (1.14), 6.788 (1.20), 6.805 (1.30), 6.808 (1.32), 6.906 (0.63), 6.909 (0.64), 6.924 (1.28), 6.928 (1.24), 6.943 (0.82), 6.946 (0.75), 7.149 (0.62), 7.153 (0.66), 7.171 (1.01), 7.352 (0.99), 7.371 (1.02), 7.477 (0.90), 7.498 (1.55), 7.521 (1.34), 7.580 (0.77), 7.586 (0.81), 7.593 (0.84), 7.598 (0.88), 7.602 (0.64), 7.607 (0.63), 7.614 (0.57), 7.622 (1.17), 7.639 (1.40), 7.643 (1.20), 7.661 (1.36), 7.754 (1.52), 7.758 (1.56), 7.772 (1.24), 7.776 (1.13), 7.788 (1.17), 7.794 (1.08), 7.807 (1.15), 7.812 (1.07), 8.205 (1.23), 8.208 (1.27), 8.226 (1.17), 8.230 (1.10), 8.278 (0.69), 8.614 (3.82), 9.077 (1.08), 9.098 (1.06).
46		LC-MS (Method L1): Rt = 0.94 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (0.83), -0.008 (7.27), 0.008 (6.79), 0.146 (0.83), 2.033 (0.69), 2.041 (0.72), 2.053 (0.69), 2.068 (1.10), 2.076 (0.89), 2.083 (0.66), 2.176 (0.69), 2.189 (0.92), 2.201 (0.92), 2.211 (0.83), 2.236 (0.60), 2.366 (0.98), 2.710 (1.04), 3.074 (16.00), 4.241 (1.55), 4.249 (1.37), 4.261 (2.38), 4.269 (2.62), 4.285 (1.40), 5.226 (0.60), 5.241 (1.40), 5.260 (1.40), 5.275 (0.63), 6.785 (2.53), 6.788 (2.68), 6.806 (2.92), 6.809 (2.95), 6.906 (1.43), 6.909 (1.46), 6.924 (2.86), 6.928 (2.74), 6.943 (1.82), 6.946 (1.67), 7.150 (1.52), 7.154 (1.49), 7.171 (2.23), 7.189 (1.16), 7.193 (1.13), 7.356 (2.32), 7.374 (2.20), 7.429 (1.13), 7.432 (1.46), 7.435 (2.47), 7.438 (2.26), 7.446 (1.31), 7.453 (2.06), 7.457 (2.41), 7.459 (2.77), 7.463 (2.86), 7.468 (1.43), 7.473 (1.61), 7.478 (1.13), 7.515 (3.04), 7.519 (4.35), 7.523 (2.26), 7.625 (0.72), 7.631 (2.68), 7.649 (2.86), 7.652 (2.59), 7.670 (2.77), 7.790 (2.95), 7.794 (3.10), 7.809 (2.47), 7.812 (2.32), 8.232 (2.15), 8.235 (2.18), 8.253 (2.06), 8.256 (1.97), 8.418 (1.28), 8.623 (3.81), 9.088 (2.12), 9.108 (2.06).
47		LC-MS (Method L1): Rt = 0.92 min; MS (ESIpos): m/z = 478 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (0.98), -0.011 (6.35), -0.008 (14.61), 0.008 (8.04), 0.146 (1.09), 1.147 (0.63), 2.033 (1.06), 2.041 (1.06), 2.052 (1.09), 2.068 (1.50), 2.075 (1.28), 2.083 (0.90), 2.176 (1.09), 2.189 (1.39), 2.201 (1.31), 2.211 (1.20), 2.669 (0.60), 3.079 (16.00), 4.220 (0.82), 4.240 (2.37), 4.249 (2.02), 4.260 (3.57), 4.269 (3.60), 4.275 (2.15), 4.285 (1.88), 4.304 (0.65), 5.228 (0.95), 5.240 (1.99), 5.261 (1.91), 5.275 (0.82), 6.787 (3.71), 6.790 (3.68), 6.807 (4.17), 6.810 (3.93), 6.906 (2.15), 6.909 (2.07), 6.924 (4.01), 6.928 (3.68), 6.943 (2.53), 6.947 (2.18), 7.152 (2.07), 7.156 (2.10), 7.173 (3.11), 7.190 (1.58), 7.194 (1.53), 7.352 (3.08), 7.371 (3.03), 7.558 (4.31), 7.575 (4.63), 7.581 (5.34), 7.599 (4.61), 7.608 (0.93), 7.632 (2.81), 7.650 (3.84), 7.653 (3.35), 7.671 (3.43), 7.791 (4.03), 7.795 (4.09), 7.809 (3.35), 7.813 (2.94), 8.233 (2.78), 8.254 (2.40), 8.444 (1.55), 8.617 (4.03), 9.093 (2.64), 9.113 (2.53).

48	LC-MS (Method L1): Rt = 0.98 min; MS (ESIpos): m/z = 526 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (1.64), -0.008 (16.00), 0.008 (12.95), 0.146 (1.58), 1.147 (1.58), 2.025 (1.87), 2.033 (2.09), 2.045 (2.32), 2.060 (3.17), 2.068 (2.71), 2.169 (2.04), 2.181 (2.94), 2.195 (2.83), 2.203 (2.83), 2.217 (1.87), 2.327 (1.02), 2.366 (2.15), 2.669 (1.30), 2.709 (2.20), 3.193 (6.61), 4.195 (1.58), 4.216 (4.24), 4.237 (3.56), 4.253 (3.34), 4.262 (4.35), 4.269 (3.79), 4.278 (3.96), 4.289 (1.70), 4.297 (1.92), 5.198 (1.70), 5.212 (3.84), 5.232 (3.84), 6.786 (7.41), 6.789 (7.75), 6.807 (8.54), 6.810 (8.59), 6.888 (4.13), 6.891 (4.18), 6.907 (8.65), 6.910 (8.37), 6.925 (5.37), 6.928 (4.98), 7.149 (4.18), 7.153 (4.35), 7.171 (6.78), 7.188 (3.34), 7.192 (3.39), 7.341 (7.24), 7.360 (6.90), 7.446 (3.39), 7.466 (2.77), 7.516 (4.01), 7.681 (4.47), 7.699 (5.88), 7.720 (4.01), 7.798 (2.94), 8.345 (2.37), 8.479 (3.11), 9.124 (3.00), 9.144 (3.05).
49	LC-MS (Method L1): Rt = 0.86 min; MS (ESIpos): m/z = 460 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (1.77), -0.008 (16.00), 0.008 (13.79), 0.146 (1.77), 1.147 (1.47), 2.040 (1.77), 2.067 (2.73), 2.073 (2.21), 2.189 (2.43), 2.201 (2.36), 2.211 (2.29), 2.327 (1.40), 2.366 (2.73), 2.669 (1.40), 2.710 (2.65), 3.179 (6.34), 4.207 (1.25), 4.228 (3.47), 4.249 (3.02), 4.259 (3.32), 4.270 (3.61), 4.276 (3.02), 4.286 (3.10), 4.304 (1.33), 5.225 (3.17), 5.245 (3.10), 6.420 (0.59), 6.443 (0.59), 6.792 (6.34), 6.795 (6.64), 6.813 (7.37), 6.816 (7.30), 6.900 (3.39), 6.903 (3.47), 6.918 (6.93), 6.922 (6.78), 6.937 (4.50), 6.940 (4.35), 7.156 (3.54), 7.160 (3.61), 7.178 (5.46), 7.195 (3.24), 7.199 (2.80), 7.217 (0.66), 7.241 (1.11), 7.265 (0.74), 7.319 (9.07), 7.324 (9.73), 7.345 (12.90), 7.366 (6.05), 7.377 (1.84), 7.382 (1.92), 7.398 (1.62), 7.404 (1.33), 7.653 (3.10), 7.671 (4.87), 7.692 (3.76), 7.820 (4.87), 7.836 (3.98), 8.132 (1.25), 8.280 (2.36), 8.538 (1.62), 9.132 (2.51).
50	LC-MS (Method L1): Rt = 0.96 min; MS (ESIpos): m/z = 510 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (1.73), -0.008 (16.00), 0.008 (14.73), 0.146 (1.80), 1.147 (1.73), 2.033 (2.47), 2.045 (2.87), 2.060 (3.80), 2.075 (2.47), 2.167 (2.47), 2.180 (3.53), 2.192 (3.47), 2.201 (3.33), 2.214 (2.40), 2.327 (1.33), 2.366 (2.40), 2.669 (1.53), 2.710 (2.40), 3.162 (9.07), 4.196 (1.80), 4.217 (5.20), 4.238 (4.73), 4.250 (4.93), 4.260 (5.33), 4.267 (4.60), 4.275 (4.67), 4.295 (2.07), 5.197 (2.00), 5.213 (4.67), 5.232 (4.67), 5.245 (2.20), 6.784 (9.40), 6.786 (10.33), 6.804 (10.73), 6.807 (11.13), 6.887 (5.20), 6.890 (5.40), 6.906 (10.73), 6.909 (10.67), 6.924 (6.47), 6.928 (6.20), 7.147 (5.13), 7.151 (5.33), 7.168 (8.33), 7.185 (4.13), 7.189 (4.07), 7.347 (8.87), 7.363 (8.33), 7.540 (4.60), 7.680 (3.40), 7.698 (6.33), 7.719 (4.87), 7.790 (8.33), 7.878 (3.47), 8.132 (1.13), 8.342 (3.00), 8.498 (4.40), 9.120 (3.87), 9.138 (3.87).
51	LC-MS (Method L1): Rt = 0.89 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (1.69), -0.008 (16.00), 0.008 (14.14), 0.146 (1.86), 1.147 (1.52), 2.032 (1.78), 2.060 (2.62), 2.183 (2.37), 2.196 (2.29), 2.205 (2.20), 2.218 (1.61), 2.328 (1.27), 2.332 (1.02), 2.366 (2.88), 2.670 (1.44), 2.710 (3.05), 3.203 (4.99), 4.196 (1.27), 4.217 (3.30), 4.237 (2.88), 4.263 (3.56), 4.271 (3.05), 4.280 (3.13), 5.211 (3.13), 5.231 (3.13), 6.787 (6.26), 6.790 (6.52), 6.808 (7.20), 6.811 (7.11), 6.889 (3.64), 6.892 (3.64), 6.908 (7.53), 6.911 (6.94), 6.927 (4.49), 6.930 (4.23), 7.151 (3.56), 7.155 (3.56), 7.172 (5.59), 7.189 (2.79), 7.193 (2.96), 7.346 (7.28), 7.364 (8.30), 7.436 (3.30), 7.697 (5.67), 7.718 (4.06), 7.778 (2.46), 8.132 (1.69), 8.336 (1.86), 8.478 (2.12), 9.127 (2.37).

52		LC-MS (Method L6): Rt = 2.17 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.150 (0.80), -0.008 (7.08), 0.008 (6.23), 0.146 (0.85), 1.147 (0.94), 1.234 (1.04), 1.401 (0.66), 2.061 (1.98), 2.184 (1.46), 2.196 (1.94), 2.208 (1.84), 2.218 (1.84), 2.327 (0.66), 2.366 (1.32), 2.669 (0.76), 2.710 (1.37), 3.288 (16.00), 3.336 (2.41), 3.866 (9.35), 3.876 (15.01), 3.888 (8.54), 4.211 (1.09), 4.231 (3.26), 4.239 (2.55), 4.252 (4.48), 4.262 (4.25), 4.270 (2.78), 4.279 (2.83), 4.298 (0.94), 5.241 (2.45), 5.256 (2.41), 5.754 (5.00), 6.777 (5.57), 6.794 (5.95), 6.797 (6.14), 6.893 (2.17), 6.912 (4.63), 6.930 (2.69), 7.140 (2.64), 7.161 (4.58), 7.178 (2.08), 7.304 (1.84), 7.307 (1.98), 7.323 (2.88), 7.327 (3.59), 7.333 (2.45), 7.352 (7.69), 7.370 (4.44), 7.413 (2.17), 7.424 (2.55), 7.432 (3.73), 7.444 (4.11), 7.451 (2.08), 7.463 (2.03), 7.655 (2.12), 7.659 (2.93), 7.672 (7.74), 7.677 (7.17), 7.684 (14.35), 7.687 (8.73), 7.704 (12.93), 7.707 (7.46), 7.722 (3.26), 8.277 (5.38), 8.282 (5.47), 8.297 (4.91), 8.302 (4.67), 8.583 (8.50), 8.590 (9.39), 9.143 (2.27), 9.158 (3.16), 9.178 (2.55).
53		LC-MS (Method L1): Rt = 1.02 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.011 (3.43), -0.008 (7.74), 0.008 (4.34), 0.146 (0.57), 1.157 (2.48), 1.175 (4.93), 1.193 (2.43), 1.988 (8.75), 2.057 (0.67), 2.072 (0.90), 2.080 (0.75), 2.204 (0.82), 2.216 (0.77), 2.225 (0.77), 3.272 (2.97), 3.285 (6.13), 3.297 (8.04), 3.863 (4.09), 3.875 (6.63), 3.887 (3.55), 3.945 (16.00), 4.003 (0.72), 4.021 (2.03), 4.038 (2.03), 4.056 (0.67), 4.236 (1.36), 4.244 (1.09), 4.257 (1.56), 4.270 (1.44), 4.277 (1.09), 4.286 (1.09), 5.250 (1.24), 5.269 (1.16), 6.780 (2.31), 6.783 (2.38), 6.800 (2.55), 6.803 (2.50), 6.902 (1.27), 6.906 (1.27), 6.921 (2.43), 6.924 (2.23), 6.940 (1.54), 6.943 (1.36), 7.100 (0.70), 7.115 (1.01), 7.121 (1.41), 7.128 (0.80), 7.137 (1.63), 7.140 (1.61), 7.146 (1.99), 7.151 (1.98), 7.156 (1.37), 7.166 (2.21), 7.168 (2.40), 7.186 (1.12), 7.190 (1.14), 7.195 (1.44), 7.199 (1.34), 7.216 (1.04), 7.221 (2.01), 7.226 (1.29), 7.243 (0.85), 7.247 (0.80), 7.353 (0.64), 7.356 (0.82), 7.361 (2.01), 7.374 (1.09), 7.377 (1.11), 7.381 (1.86), 7.391 (0.57), 7.465 (0.90), 7.485 (0.60), 7.676 (1.27), 7.694 (3.10), 7.714 (4.29), 7.717 (3.84), 7.722 (3.60), 7.734 (1.24), 7.739 (0.70), 8.095 (0.60), 8.278 (2.26), 8.283 (2.09), 8.298 (2.13), 8.303 (1.81), 8.615 (10.00), 9.154 (2.23), 9.175 (2.11).
54		LC-MS (Method L1): Rt = 1.24 min; MS (ESIpos): m/z = 552 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.149 (1.29), -0.008 (12.61), 0.008 (10.72), 0.146 (1.29), 1.147 (0.91), 1.235 (0.73), 1.988 (0.80), 2.087 (1.68), 2.210 (1.47), 2.231 (1.33), 2.366 (1.33), 2.710 (1.40), 3.267 (4.16), 3.278 (9.96), 3.287 (15.97), 3.864 (7.30), 3.876 (12.16), 3.888 (7.06), 4.224 (0.73), 4.244 (2.38), 4.252 (1.92), 4.265 (3.14), 4.276 (3.00), 4.292 (2.06), 5.255 (2.20), 5.275 (2.24), 6.789 (4.37), 6.810 (4.72), 6.916 (1.99), 6.919 (2.06), 6.934 (4.26), 6.953 (2.59), 7.154 (2.24), 7.158 (2.17), 7.175 (3.49), 7.192 (1.71), 7.381 (3.70), 7.399 (3.42), 7.681 (3.00), 7.699 (4.19), 7.702 (3.95), 7.720 (3.84), 7.806 (14.46), 7.822 (14.43), 7.843 (4.61), 7.846 (4.93), 7.861 (3.77), 7.864 (3.67), 8.273 (3.95), 8.277 (4.12), 8.295 (3.81), 8.298 (3.67), 8.704 (16.00), 9.165 (3.98), 9.186 (3.91).
55		LC-MS (Method L6): Rt = 1.44 min; MS (ESIpos): m/z = 472 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.58), 0.008 (1.48), 3.056 (16.00), 3.065 (1.61), 3.289 (1.47), 3.903 (10.43), 3.909 (1.22), 4.271 (0.85), 6.785 (0.92), 6.788 (1.00), 6.805 (1.06), 6.808 (1.08), 6.926 (1.03), 6.929 (0.97), 6.945 (0.63), 7.171 (0.82), 7.220 (0.62), 7.242 (1.22), 7.264 (0.82), 7.354 (0.82), 7.374 (1.35), 7.376 (1.39), 7.382 (0.75), 7.475 (0.94), 7.480 (0.83), 7.507 (0.90), 7.513 (0.86), 7.597 (0.76), 7.615 (1.05), 7.618 (0.89), 7.636 (1.04), 7.717 (1.17), 7.721 (1.25), 7.735 (0.90), 7.739 (0.84), 8.156 (1.01), 8.160 (1.04), 8.177 (0.96), 8.181 (0.89), 8.608 (4.20), 9.075 (0.90), 9.096 (0.86).
56		LC-MS (Method L6): Rt = 1.79 min; MS (ESIpos): m/z = 472 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) delta [ppm]: 2.403 (6.76), 3.060 (16.00), 3.164 (0.79), 3.174 (0.80), 4.261 (0.74), 6.787 (0.91), 6.789 (0.97), 6.803 (1.01), 6.806 (1.01), 6.925 (0.96), 6.927 (0.92), 6.940 (0.58), 7.170 (0.76), 7.355 (0.76), 7.370 (0.74), 7.431 (1.71), 7.447 (1.38), 7.451 (1.32), 7.614 (0.78), 7.629 (1.13), 7.631 (1.04), 7.636 (1.77), 7.639 (1.64), 7.646 (1.03), 7.721 (1.15), 7.724 (1.19), 7.735 (0.90), 7.738 (0.83), 8.185 (1.00), 8.188 (1.01), 8.202 (0.95), 8.205 (0.87), 8.601 (3.95), 9.077 (0.87), 9.094 (0.83).

57		LC-MS (Method L1): Rt = 0.92 min; MS (ESIpos): m/z = 478 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) delta [ppm]: 3.070 (16.00), 6.781 (0.93), 6.783 (1.06), 6.797 (1.06), 6.799 (1.13), 6.915 (0.96), 6.917 (1.03), 6.932 (0.60), 7.165 (0.83), 7.344 (0.86), 7.358 (0.80), 7.637 (0.80), 7.652 (1.06), 7.654 (0.90), 7.669 (1.03), 7.716 (1.03), 7.718 (1.16), 7.730 (0.77), 7.732 (0.77), 8.251 (0.96), 8.254 (1.06), 8.268 (0.93), 8.271 (0.93), 8.559 (3.79), 9.074 (0.90), 9.090 (0.86).
58	2,11		^{1}H-NMR(399,9532 MHz, DMSO): δ= 8.8706 (0.51); 8.8451 (2.08); 8.4185 (0.68); 8.4155 (0.7); 8.3974 (0.66); 8.3942 (0.64); 8.3138 (0.34); 7.7984 (0.62); 7.7955 (0.67); 7.7805 (0.77); 7.7776 (0.75); 7.664 (3.27); 7.6592 (3.77); 7.602 (0.98); 7.5971 (1.58); 7.5922 (0.8); 7.5884 (0.66); 7.5699 (0.62); 7.5674 (0.69); 7.5491 (0.53); 7.2426 (0.53); 7.2249 (0.57); 7.1558 (0.53); 7.1387 (0.34); 6.8988 (0.39); 6.896 (0.43); 6.8801 (0.66); 6.8773 (0.7); 6.8616 (0.34); 6.8587 (0.35); 6.806 (0.78); 6.8035 (0.77); 6.7857 (0.73); 6.7829 (0.66); 5.3292 (0.33); 4.3233 (0.33); 4.2445 (0.35); 3.315 (36.45); 2.6749 (0.48); 2.6702 (0.67); 2.6656 (0.48); 2.5236 (1.77); 2.5187 (2.78); 2.5102 (37.2); 2.5056 (77.48); 2.501 (107.64); 2.4965 (79.14); 2.492 (37.03); 2.3325 (0.44); 2.3279 (0.63); 2.3234 (0.47); 1.9882 (0.43); 1.398 (16); 0.008 (1.74); -0.0001 (52.5); -0.0085 (1.57)
59		LC-MS (Method L1): Rt = 1.42 min; MS (ESIpos): m/z = 568 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.35), 0.008 (3.16), 2.093 (0.79), 2.366 (0.71), 2.710 (0.67), 2.925 (16.00), 3.287 (2.93), 4.247 (1.14), 4.254 (1.00), 4.266 (1.71), 4.274 (1.91), 4.289 (1.02), 4.422 (6.70), 5.298 (1.04), 5.319 (1.04), 6.784 (2.02), 6.787 (2.18), 6.804 (2.31), 6.807 (2.37), 6.889 (1.10), 6.893 (1.06), 6.908 (2.16), 6.911 (2.08), 6.927 (1.37), 6.930 (1.31), 7.145 (1.10), 7.150 (1.10), 7.167 (1.66), 7.184 (0.83), 7.188 (0.85), 7.302 (0.69), 7.319 (1.89), 7.333 (0.81), 7.337 (1.46), 7.341 (0.81), 7.389 (2.00), 7.405 (3.56), 7.408 (5.68), 7.421 (2.41), 7.427 (4.85), 7.444 (4.93), 7.461 (2.10), 7.465 (1.46), 7.642 (1.14), 7.646 (2.04), 7.647 (2.98), 7.651 (5.53), 7.656 (14.31), 7.660 (4.91), 7.690 (1.73), 7.708 (2.27), 7.711 (1.98), 7.729 (2.16), 7.835 (2.54), 7.838 (2.66), 7.853 (2.02), 7.857 (1.91), 8.318 (2.18), 8.321 (2.23), 8.339 (2.06), 8.343 (1.85), 8.752 (9.09), 9.153 (2.02), 9.174 (1.98).
60		LC-MS (Method L1): Rt = 0.85 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.988 (0.48), 2.044 (0.43), 2.085 (0.43), 3.066 (2.26), 3.075 (16.00), 3.169 (2.25), 4.230 (0.60), 4.249 (0.92), 4.257 (1.04), 4.271 (0.62), 5.227 (0.50), 5.244 (0.54), 6.775 (1.07), 6.793 (1.18), 6.884 (0.51), 6.903 (1.06), 6.922 (0.68), 7.141 (0.56), 7.158 (0.91), 7.175 (0.50), 7.214 (0.55), 7.331 (0.84), 7.351 (0.82), 7.438 (1.23), 7.449 (1.52), 7.460 (1.03), 7.467 (1.28), 7.625 (0.51), 7.638 (2.53), 7.642 (1.75), 7.657 (1.45), 7.674 (0.45), 8.228 (0.46), 8.248 (0.96), 8.254 (0.96), 8.266 (0.84), 8.273 (0.82), 8.522 (3.66), 9.072 (0.54), 9.091 (0.52).
61		LC-MS (Method L6): Rt = 1.62 min; MS (ESIpos): m/z = 456 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (4.15), 0.008 (3.77), 2.366 (1.07), 2.386 (6.43), 2.710 (1.00), 3.060 (16.00), 3.287 (5.91), 3.681 (0.59), 4.270 (0.79), 6.787 (0.97), 6.805 (1.00), 6.808 (1.04), 6.923 (0.93), 6.942 (0.66), 7.187 (0.86), 7.221 (1.56), 7.355 (0.76), 7.372 (0.76), 7.608 (0.76), 7.626 (1.07), 7.629 (0.93), 7.647 (1.04), 7.717 (1.14), 7.720 (1.21), 7.734 (0.90), 7.738 (0.79), 8.188 (1.00), 8.192 (1.04), 8.210 (0.93), 8.214 (0.90), 8.606 (3.97), 9.077 (0.83), 9.097 (0.79).
62		LC-MS (Method L6): Rt = 1.27 min; MS (ESIpos): m/z = 443 [M+H]+	^{1}H-NMR (500 MHz, DICHLOROMETHANE-d2) δ [ppm]: 3.078 (16.00), 4.203 (0.84), 5.308 (0.97), 5.320 (1.31), 5.341 (0.74), 5.356 (0.72), 6.815 (1.16), 6.831 (1.27), 6.913 (1.20), 6.927 (0.69), 7.165 (0.71), 7.179 (1.10), 7.297 (0.77), 7.305 (0.99), 7.315 (1.75), 7.331 (1.10), 7.446 (0.67), 7.463 (1.09), 7.554 (0.91), 7.569 (1.18), 7.571 (1.18), 7.586 (0.87), 7.726 (1.17), 7.728 (1.20), 7.740 (1.02), 7.741 (1.01), 8.152 (1.65), 8.166 (1.87), 8.673 (2.52).

63		LC-MS (Method L6): Rt = 1.57 min; MS (ESIpos): m/z = 443 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 2.362 (0.64), 2.635 (0.64), 3.075 (16.00), 6.787 (0.94), 6.790 (1.04), 6.804 (1.04), 6.806 (1.09), 6.925 (0.94), 6.927 (0.99), 6.942 (0.59), 7.171 (0.79), 7.355 (0.84), 7.369 (0.79), 7.422 (1.78), 7.603 (0.74), 7.612 (0.79), 7.670 (0.79), 7.684 (0.99), 7.687 (0.99), 7.702 (0.89), 7.857 (1.04), 7.859 (1.19), 7.871 (0.99), 7.873 (1.04), 8.279 (0.99), 8.282 (1.09), 8.296 (0.99), 8.301 (1.88), 8.311 (1.39), 8.626 (3.76), 9.094 (0.84), 9.110 (0.84).
64		LC-MS (Method L6): Rt = 1.48 min; MS (ESIpos): m/z = 455 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.17), 3.065 (16.00), 3.909 (9.18), 4.260 (0.93), 4.268 (0.99), 5.752 (2.29), 6.786 (1.02), 6.803 (1.15), 6.806 (1.15), 6.923 (1.06), 6.941 (0.64), 7.014 (1.90), 7.016 (2.04), 7.169 (0.88), 7.194 (1.22), 7.197 (1.12), 7.207 (1.15), 7.210 (1.10), 7.349 (0.91), 7.368 (0.83), 7.632 (0.74), 7.650 (1.07), 7.653 (0.90), 7.671 (0.98), 7.768 (1.17), 7.772 (1.15), 7.785 (0.90), 7.789 (0.83), 8.205 (1.69), 8.218 (1.63), 8.232 (1.04), 8.236 (1.05), 8.254 (0.98), 8.257 (0.90), 8.602 (3.69), 9.076 (0.93), 9.097 (0.90).
65		LC-MS (Method L6): Rt = 1.69 min; MS (ESIpos): m/z = 459 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 2.362 (0.80), 2.635 (0.74), 3.074 (16.00), 4.264 (0.74), 6.790 (1.04), 6.804 (1.04), 6.806 (1.16), 6.926 (0.98), 6.928 (1.04), 6.941 (0.55), 7.173 (0.80), 7.358 (0.86), 7.372 (0.80), 7.654 (1.04), 7.657 (1.16), 7.667 (1.66), 7.680 (0.98), 7.683 (0.98), 7.697 (0.92), 7.752 (1.90), 7.753 (1.96), 7.849 (1.04), 7.852 (1.16), 7.864 (0.98), 7.866 (0.98), 8.277 (0.98), 8.280 (1.10), 8.294 (0.92), 8.297 (0.98), 8.479 (1.53), 8.489 (1.53), 8.630 (3.74), 9.093 (0.92), 9.109 (0.92).
66		LC-MS (Method L6): Rt = 1.08 min; MS (ESIpos): m/z = 453 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: -0.007 (3.16), 0.007 (2.43), 2.085 (0.91), 2.479 (16.00), 3.063 (15.53), 3.290 (1.71), 4.259 (0.73), 5.753 (4.07), 6.787 (0.96), 6.789 (1.08), 6.805 (1.15), 6.923 (1.01), 6.925 (1.05), 6.938 (0.58), 6.940 (0.59), 7.170 (0.86), 7.229 (4.94), 7.355 (0.90), 7.369 (0.82), 7.626 (0.70), 7.640 (1.04), 7.643 (0.94), 7.657 (0.96), 7.718 (1.11), 7.721 (1.23), 7.732 (0.83), 7.735 (0.84), 8.141 (0.84), 8.219 (0.97), 8.222 (1.05), 8.236 (0.90), 8.239 (0.91), 8.601 (3.53), 9.079 (0.94), 9.095 (0.92).
67		LC-MS (Method L1): Rt = 1.42 min; MS (ESIpos): m/z = 520 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.73), 0.008 (1.62), 1.083 (7.08), 1.101 (16.00), 1.119 (7.35), 2.523 (1.15), 3.360 (2.01), 3.378 (5.98), 3.395 (5.74), 3.413 (1.81), 4.238 (1.03), 4.246 (0.84), 4.259 (1.48), 4.269 (1.39), 4.277 (0.92), 4.286 (0.88), 5.239 (0.96), 5.259 (0.94), 6.786 (1.61), 6.789 (1.77), 6.807 (1.84), 6.809 (1.93), 6.913 (0.87), 6.916 (0.88), 6.931 (1.76), 6.934 (1.80), 6.950 (1.09), 6.953 (1.08), 7.152 (0.90), 7.156 (0.98), 7.174 (1.49), 7.191 (0.74), 7.195 (0.72), 7.362 (1.54), 7.378 (1.43), 7.628 (0.85), 7.634 (2.10), 7.638 (4.21), 7.644 (9.24), 7.649 (4.32), 7.657 (2.01), 7.660 (1.75), 7.678 (1.75), 7.797 (1.98), 7.800 (2.12), 7.815
68		LC-MS (Method L1): Rt = 1.36 min; MS (ESIpos): m/z = 583 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.845 (0.84), 2.040 (0.83), 2.050 (0.89), 2.057 (0.88), 2.068 (0.71), 4.052 (0.72), 4.064 (0.80), 4.069 (1.50), 4.075 (0.94), 4.087 (0.97), 4.092 (0.74), 4.167 (0.77), 4.172 (0.97), 4.180 (0.89), 4.187 (1.11), 5.072 (1.29), 5.088 (1.26), 5.753 (0.58), 6.752 (2.43), 6.754 (2.55), 6.768 (2.63), 6.771 (2.67), 6.844 (1.23), 6.846 (1.20), 6.859 (2.46), 6.861 (2.43), 6.874 (1.49), 6.876 (1.41), 7.069 (2.20), 7.082 (1.84), 7.134 (1.29), 7.138 (1.18), 7.151 (2.04), 7.165 (1.14), 7.168 (0.92), 7.593 (2.44), 7.595 (2.47), 7.610 (2.69), 7.612 (2.56), 7.680 (0.95), 7.709 (1.44), 7.711 (2.27), 7.713 (4.04), 7.716 (8.15), 7.718 (16.00), 7.721 (5.44), 7.831 (2.20), 7.845 (2.64), 7.848 (2.23), 7.863 (2.06), 8.037 (2.79), 8.039 (2.83), 8.051 (2.40), 8.054 (2.29), 8.418 (6.05), 8.870 (4.59), 8.961 (0.63), 9.079 (2.41), 9.095 (2.29), 9.192 (9.46).

69		LC-MS (Method L1): Rt = 0.86 min; MS (ESIpos): m/z = 514 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (4.56), 0.008 (2.59), 1.234 (0.95), 1.880 (1.58), 1.890 (0.87), 1.901 (1.75), 1.912 (1.84), 1.923 (0.87), 1.933 (1.74), 2.350 (0.80), 2.361 (1.45), 2.369 (1.79), 2.381 (1.55), 2.392 (1.49), 2.401 (1.25), 2.775 (0.78), 2.797 (1.46), 2.816 (1.81), 2.837 (2.31), 2.858 (1.06), 2.937 (1.44), 2.945 (1.55), 2.959 (1.61), 2.966 (1.48), 2.976 (1.06), 2.985 (0.97), 2.998 (0.95), 3.005 (0.79), 5.345 (0.97), 5.365 (2.65), 5.384 (2.58), 5.405 (0.85), 5.754 (15.35), 7.164 (0.99), 7.182 (3.03), 7.195 (4.52), 7.200 (5.02), 7.215 (3.94), 7.230 (2.07), 7.247 (4.63), 7.264 (2.46), 7.277 (3.90), 7.293 (2.68), 7.402 (2.41), 7.420 (3.40), 7.441 (2.65), 7.539 (4.31), 7.610 (2.91), 7.615 (5.39), 7.620 (4.00), 7.646 (16.00), 7.651 (11.73), 7.738 (4.35), 7.756 (3.85), 8.133 (12.50), 8.155 (3.28), 8.795 (9.42), 8.838 (3.65), 8.858 (3.47), 9.979 (4.48), 12.732 (2.72).
70		LC-MS (Method L6): Rt = 1.42 min; MS (ESIneg): m/z = 465 [M-H]-	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 2.912 (16.00), 3.056 (8.85), 3.304 (1.27), 5.751 (0.73), 6.786 (0.85), 6.788 (0.88), 6.802 (0.93), 6.805 (0.92), 6.832 (0.77), 6.848 (0.83), 6.883 (0.92), 6.887 (1.01), 6.888 (1.00), 6.921 (0.87), 6.923 (0.83), 7.219 (0.72), 7.235 (1.00), 7.251 (0.60), 7.591 (0.61), 7.605 (0.91), 7.608 (0.71), 7.622 (0.84), 7.675 (0.96), 7.678 (0.97), 7.689 (0.69), 8.132 (0.85), 8.150 (0.79), 8.153 (0.78), 8.168 (0.74), 8.567 (2.33), 9.079 (0.74).
71		LC-MS (Method L6): Rt = 0.97 min; MS (ESIneg): m/z = 476 [M-H]-	^{1}H-NMR (500 MHz, CHLOROFORM-d) δ [ppm]: 3.144 (16.00), 3.851 (8.34), 4.212 (0.71), 6.859 (1.08), 6.861 (1.16), 6.875 (1.18), 6.877 (1.26), 6.908 (0.59), 6.910 (0.57), 6.923 (1.17), 6.925 (1.11), 6.938 (0.69), 6.940 (0.64), 7.204 (0.94), 7.302 (0.98), 7.318 (0.92), 7.590 (0.88), 7.604 (1.17), 7.607 (1.08), 7.621 (1.12), 7.653 (1.78), 7.757 (1.31), 7.760 (1.38), 7.772 (1.15), 7.774 (1.07), 7.886 (0.77), 8.127 (1.09), 8.130 (1.10), 8.144 (1.04), 8.147 (0.99), 9.040 (1.35).
72		LC-MS (Method L1): Rt = 1.34 min; MS (ESIpos): m/z = 515 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.934 (0.65), 0.951 (1.40), 0.969 (0.72), 1.815 (0.91), 1.825 (1.04), 1.842 (1.24), 1.859 (0.77), 2.014 (1.18), 2.027 (1.17), 2.035 (1.12), 2.049 (0.88), 2.694 (1.05), 4.031 (0.92), 4.052 (1.96), 4.059 (1.36), 4.073 (1.35), 4.080 (1.05), 4.158 (1.43), 4.168 (1.30), 4.176 (1.62), 4.186 (0.92), 4.196 (0.91), 5.044 (0.78), 5.058 (1.79), 5.077 (1.81), 5.092 (0.82), 6.686 (3.38), 6.691 (5.17), 6.696 (3.37), 6.736 (3.20), 6.754 (3.60), 6.845 (1.55), 6.864 (3.34), 6.883 (2.11), 7.082 (3.20), 7.102 (2.64), 7.117 (1.82), 7.122 (1.57), 7.138 (2.83), 7.156 (1.43), 7.665 (2.79), 7.668 (2.76), 7.686 (3.87), 7.689 (3.76), 7.710 (16.00), 7.714 (7.25), 7.776 (2.70), 7.794 (3.62), 7.815 (2.25), 7.938 (5.43), 7.942 (5.37), 7.987 (3.52), 7.990 (3.35), 8.005 (3.05), 8.008 (2.74), 8.147 (5.19), 8.153 (5.21), 8.914 (3.01), 8.935 (2.93), 9.116 (10.01).
73		LC-MS (Method L1): Rt = 0.71 min; MS (ESIpos): m/z = 463 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.06), 0.008 (1.57), 2.133 (0.74), 2.366 (0.70), 2.524 (2.87), 2.710 (0.70), 3.079 (16.00), 4.252 (0.87), 4.260 (0.94), 5.753 (3.02), 5.955 (1.19), 6.777 (1.02), 6.794 (1.11), 6.881 (0.59), 6.900 (1.22), 6.902 (1.13), 6.918 (0.70), 7.029 (0.98), 7.031 (1.06), 7.047 (1.44), 7.135 (1.44), 7.156 (2.13), 7.174 (1.26), 7.248 (1.09), 7.254 (1.43), 7.262 (1.04), 7.308 (1.02), 7.322 (0.96), 7.342 (0.81), 7.404 (1.37), 7.424 (1.15), 7.629 (0.83), 7.647 (1.07), 7.650 (0.89), 7.668 (1.04), 7.733 (1.26), 7.737 (1.35), 7.751 (0.94), 7.754 (0.87), 8.192 (1.00), 8.196 (1.04), 8.214 (0.98), 8.217 (0.87), 8.469 (3.80), 9.059 (0.93), 9.080 (0.89), 11.099 (0.85).
74		LC-MS (Method L6): Rt = 1.42 min; MS (ESIpos): m/z = 508 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 3.169 (16.00), 3.645 (1.14), 3.658 (1.38), 6.782 (0.83), 6.799 (0.91), 6.803 (0.87), 6.899 (0.86), 7.602 (1.31), 7.607 (1.19), 7.622 (4.81), 7.627 (2.96), 8.133 (2.91), 8.546 (2.19).

75		LC-MS (Method L6): Rt = 2.54 min; MS (ESIpos): m/z = 536 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.97), 0.008 (0.95), 2.085 (1.49), 3.061 (10.00), 3.173 (16.00), 3.455 (2.24), 3.469 (1.54), 3.554 (0.89), 3.567 (1.31), 3.585 (1.41), 6.788 (1.20), 6.791 (1.37), 6.809 (1.39), 6.812 (1.48), 6.926 (1.31), 6.929 (1.31), 6.944 (0.78), 6.947 (0.77), 7.174 (1.05), 7.357 (1.04), 7.372 (1.00), 7.637 (2.10), 7.641 (10.04), 7.645 (3.82), 7.663 (1.38), 7.667 (1.27), 7.685 (1.30), 7.805 (1.45), 7.809 (1.59), 7.823 (1.19), 7.827 (1.19), 8.299 (1.28), 8.303 (1.36), 8.320 (1.23), 8.324 (1.19), 8.712 (5.32), 9.065 (1.22), 9.086 (1.19).
76		LC-MS (Method L1): Rt = 0.92 min; MS (ESIpos): m/z = 522 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.51), 0.008 (2.41), 2.063 (1.06), 2.073 (1.60), 2.143 (0.95), 2.157 (1.15), 2.327 (0.87), 2.523 (2.45), 2.670 (0.84), 3.334 (4.14), 3.356 (4.85), 3.567 (2.37), 3.581 (5.84), 3.593 (3.89), 3.684 (3.13), 3.697 (2.74), 4.269 (3.13), 4.278 (2.53), 4.286 (1.74), 5.247 (1.52), 5.266 (1.51), 6.783 (2.84), 6.786 (3.12), 6.804 (3.25), 6.807 (3.39), 6.884 (1.49), 6.887 (1.55), 6.903 (3.11), 6.906 (3.03), 6.921 (1.86), 6.924 (1.77), 7.143 (1.48), 7.148 (1.63), 7.165 (2.50), 7.182 (1.18), 7.186 (1.20), 7.294 (2.53), 7.314 (2.37), 7.531 (1.18), 7.551 (1.97), 7.569 (1.32), 7.609 (3.49), 7.614 (3.76), 7.624 (16.00), 7.628 (9.17), 7.750 (2.78), 7.766 (2.37), 8.381 (1.85), 8.402 (1.76), 8.558 (5.29), 9.023 (1.39), 9.042 (1.36).
77		LC-MS (Method L1): Rt = 0.88 min; MS (ESIpos): m/z = 533 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.063 (0.91), 3.712 (0.91), 4.023 (3.89), 4.028 (3.96), 4.242 (1.32), 4.251 (1.33), 4.261 (1.86), 4.270 (2.06), 4.282 (1.19), 4.674 (1.12), 4.887 (1.03), 4.916 (1.04), 4.929 (2.17), 4.947 (2.17), 4.961 (1.00), 5.241 (1.16), 5.261 (1.09), 5.754 (5.20), 6.794 (2.03), 6.814 (2.13), 6.905 (0.96), 6.907 (1.01), 6.923 (1.92), 6.926 (1.96), 6.942 (1.13), 6.945 (1.13), 7.156 (1.19), 7.160 (1.25), 7.177 (1.78), 7.195 (0.88), 7.199 (0.81), 7.327 (1.71), 7.346 (1.58), 7.626 (1.09), 7.630 (1.31), 7.640 (16.00), 7.647 (1.70), 7.659 (2.46), 7.664 (2.09), 7.681 (1.56), 7.839 (1.82), 7.842 (2.20), 7.857 (1.59), 7.860 (1.81), 8.138 (2.43), 8.305 (1.86), 8.309 (2.07), 8.327 (1.68), 8.330 (1.74), 8.711 (2.71), 8.734 (6.72), 8.846 (0.69), 9.226 (1.85), 9.246 (1.78).
78		LC-MS (Method L1): Rt = 1.41 min; MS (ESIpos): m/z = 580 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.356 (0.92), 3.007 (16.00), 3.407 (0.85), 3.421 (1.08), 3.473 (1.23), 3.486 (0.97), 3.552 (1.13), 3.559 (1.40), 3.565 (1.84), 3.573 (1.77), 5.754 (2.61), 6.794 (0.83), 6.813 (0.96), 6.927 (0.88), 7.329 (0.75), 7.638 (0.93), 7.643 (1.08), 7.652 (3.47), 7.657 (2.11), 7.666 (0.89), 7.687 (0.67), 7.810 (0.96), 7.827 (0.77), 8.237 (0.79), 8.240 (0.79), 8.258 (0.74), 8.764 (3.04), 8.881 (0.82), 8.901 (0.79).
79		LC-MS (Method L6): Rt = 1.67 min; MS (ESIpos): m/z = 502 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.20), 0.008 (2.00), 1.091 (1.05), 1.157 (1.00), 1.175 (2.17), 1.193 (1.28), 1.234 (2.13), 1.391 (1.14), 1.908 (3.71), 1.916 (4.42), 1.924 (10.00), 1.932 (4.39), 1.941 (3.75), 1.956 (1.50), 1.988 (1.88), 2.462 (0.91), 2.472 (1.20), 2.689 (7.43), 2.825 (0.94), 2.845 (1.20), 2.865 (1.56), 2.965 (0.92), 2.977 (0.96), 3.288 (1.30), 3.650 (3.10), 3.666 (7.98), 3.682 (2.94), 5.489 (1.79), 5.509 (1.80), 7.211 (2.58), 7.215 (2.00), 7.221 (3.24), 7.228 (2.98), 7.231 (3.71), 7.233 (3.97), 7.245 (1.09), 7.259 (2.43), 7.271 (1.46), 7.356 (1.78), 7.365 (1.99), 7.377 (1.40), 7.477 (1.97), 7.495 (2.48), 7.498 (2.33), 7.516 (2.30), 7.604 (1.42), 7.610 (3.39), 7.614 (5.27), 7.620 (16.00), 7.624 (6.54), 7.709 (2.80), 7.713 (3.02), 7.727 (2.49), 7.731 (2.42), 8.263 (2.41), 8.266 (2.49), 8.284 (2.32), 8.288 (2.22), 8.452 (9.01), 8.878 (2.24), 8.899 (2.20).

80		LC-MS (Method L1): Rt = 0.91 min; MS (ESIpos): m/z = 546 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.90), -0.008 (7.64), 0.008 (7.69), 0.146 (0.95), 1.175 (0.44), 1.236 (2.24), 1.879 (1.70), 1.916 (1.03), 1.936 (0.98), 1.950 (0.87), 1.968 (0.77), 1.988 (0.87), 2.327 (1.36), 2.366 (1.49), 2.523 (5.17), 2.670 (1.57), 2.710 (1.16), 2.815 (0.49), 2.835 (0.85), 2.855 (1.11), 2.874 (1.26), 2.893 (0.67), 2.959 (0.72), 2.972 (0.87), 2.981 (0.80), 2.993 (0.90), 3.021 (0.54), 3.798 (0.87), 3.816 (0.93), 4.640 (1.05), 4.654 (1.23), 4.662 (1.13), 5.511 (0.54), 5.530 (1.39), 5.549 (1.36), 5.567 (0.54), 7.231 (2.24), 7.240 (2.39), 7.248 (3.68), 7.253 (2.98), 7.271 (2.68), 7.285 (1.05), 7.446 (1.44), 7.453 (1.57), 7.467 (1.34), 7.629 (1.65), 7.640 (16.00), 7.667 (1.67), 7.801 (2.32), 7.816 (1.85), 8.282 (1.65), 8.301 (1.57), 8.695 (6.92), 12.590 (0.62).
81		LC-MS (Method L1): Rt = 0.92 min; MS (ESIpos): m/z = 478 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.26), 0.008 (1.50), 3.074 (16.00), 4.253 (0.86), 4.262 (0.91), 5.754 (4.63), 6.778 (0.85), 6.781 (0.95), 6.799 (0.99), 6.801 (1.02), 6.913 (0.95), 6.917 (0.94), 6.932 (0.59), 7.164 (0.79), 7.343 (0.82), 7.648 (0.69), 7.665 (1.10), 7.669 (0.79), 7.687 (1.14), 7.721 (1.10), 7.725 (1.20), 7.739 (0.70), 7.743 (0.63), 8.265 (0.99), 8.269 (1.00), 8.286 (0.94), 8.290 (0.86), 8.566 (3.67), 9.075 (0.84), 9.096 (0.82).
82		LC-MS (Method L6): Rt = 2.08 min; MS (ESIpos): m/z = 520 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 3.288 (1.60), 3.300 (2.14), 3.311 (16.00), 3.865 (1.20), 3.877 (2.00), 3.888 (1.13), 6.780 (0.66), 6.783 (0.71), 6.800 (0.74), 6.803 (0.77), 6.922 (0.70), 6.925 (0.69), 7.385 (0.70), 7.720 (0.80), 7.741 (0.83), 7.764 (0.84), 7.768 (0.91), 8.304 (0.65), 8.308 (0.66), 8.325 (0.62), 8.635 (2.82), 9.161 (0.64).
83		LC-MS (Method L6): Rt = 2.26 min; MS (ESIpos): m/z = 568 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.64), 0.008 (3.64), 1.988 (0.96), 2.038 (0.93), 2.045 (0.98), 2.057 (1.02), 2.073 (1.49), 2.080 (1.22), 2.189 (0.93), 2.203 (1.36), 2.215 (1.27), 2.224 (1.27), 3.259 (1.29), 3.277 (3.60), 3.290 (8.31), 3.334 (2.18), 3.610 (5.58), 3.867 (6.16), 3.880 (11.07), 3.892 (6.04), 4.234 (2.20), 4.241 (1.69), 4.254 (2.29), 4.261 (2.71), 4.269 (2.31), 4.275 (1.84), 4.285 (1.84), 5.232 (0.89), 5.247 (2.02), 5.267 (2.02), 5.281 (0.89), 6.685 (0.98), 6.706 (1.07), 6.779 (3.53), 6.782 (3.93), 6.800 (4.02), 6.803 (4.29), 6.901 (1.93), 6.904 (1.98), 6.919 (3.93), 6.922 (3.96), 6.938 (2.44), 6.941 (2.38), 7.146 (1.98), 7.150 (2.13), 7.167 (3.18), 7.185 (1.62), 7.189 (1.60), 7.363 (3.33), 7.380 (3.22), 7.384 (3.18), 7.389 (2.04), 7.409 (4.31), 7.426 (3.07), 7.429 (3.18), 7.466 (2.24), 7.471 (2.76), 7.482 (2.33), 7.486 (3.64), 7.490 (1.80), 7.502 (1.51), 7.506 (1.38), 7.602 (1.44), 7.620 (2.38), 7.640 (1.22), 7.704 (2.67), 7.722 (4.38), 7.725 (3.36), 7.742 (4.40), 7.779 (4.49), 7.783 (5.00), 7.797 (2.96), 7.800 (2.76), 8.308 (3.76), 8.312 (3.84), 8.329 (3.56), 8.333 (3.38), 8.612 (16.00), 9.161 (3.69), 9.182 (3.62).
84		LC-MS (Method L5): Rt = 0.69 min; MS (ESIpos): m/z = 517 [M+H]+	
85		LC-MS (Method L5): Rt = 1.38 min; MS (ESIpos): m/z = 564 [M+H]+	
86		LC-MS (Method L5): Rt = 1.20 min; MS (ESIpos): m/z = 524 [M+H]+	

87		LC-MS (Method L5): Rt =1.25 min; MS (ESIpos): m/z = 519 [M+H]+	
88	1,3	LC-MS (Method L5): Rt =0.71 min; MS (ESIpos): m/z = 519 [M+H]+	
89	2,2	LC-MS (Method L5): Rt =0.95 min; MS (ESIpos): m/z = 506 [M+H]+	
90	4,9	LC-MS (Method L5): Rt =1.33 min; MS (ESIpos): m/z = 534 [M+H]+	
91	2,9	LC-MS (Method L5): Rt =1.12 min; MS (ESIpos): m/z = 546 [M+H]+	
92	2,9	LC-MS (Method L5): Rt =1.12 min; MS (ESIpos): m/z = 546 [M+H]+	
93		LC-MS (Method L5): Rt =1.33 min; MS (ESIpos): m/z = 564 [M+H]+	
94		LC-MS (Method L5): Rt =0.72 min; MS (ESIpos): m/z = 545 [M+H]+	
95		LC-MS (Method L5): Rt =0.96 min; MS (ESIpos): m/z = 532 [M+H]+	

96	1,4	LC-MS (Method L5): Rt =0.74 min; MS (ESIpos): m/z = 545 [M+H]+	
97		LC-MS (Method L5): Rt =1.01 min; MS (ESIpos): m/z = 544 [M+H]+	
98		LC-MS (Method L5): Rt =0.90 min; MS (ESIpos): m/z = 533 [M+H]+	
99-1	2,2	LC-MS (Method L5): Rt =0.97 min; MS (ESIpos): m/z = 539 [M+H]+	
99-2	2,1	LC-MS (Method L5): Rt =0.93 min; MS (ESIpos): m/z = 520 [M+H]+	
100	1,9	LC-MS (Method L5): Rt =0.87 min; MS (ESIpos): m/z = 492 [M+H]+	
101	1,8	LC-MS (Method L5): Rt =0.85 min; MS (ESIpos): m/z = 518 [M+H]+	
102		LC-MS (Method L5): Rt =0.85 min; MS (ESIpos): m/z = 504 [M+H]+	
103		LC-MS (Method L5): Rt =0.71 min; MS (ESIpos): m/z = 557 [M+H]+	

104		LC-MS (Method L5): Rt =1.26 min; MS (ESIpos): m/z = 516 [M+H]+	
105		LC-MS (Method L5): Rt =1.27 min; MS (ESIpos): m/z = 516 [M+H]+	
106	3,7	LC-MS (Method L5): Rt =1.24 min; MS (ESIpos): m/z = 516 [M+H]+	
107		LC-MS (Method L5): Rt =1.31 min; MS (ESIpos): m/z = 546 [M+H]+	
108		LC-MS (Method L5): Rt =1.03 min; MS (ESIpos): m/z = 504 [M+H]+	
109		LC-MS (Method L5): Rt =1.42 min; MS (ESIpos): m/z = 564 [M+H]+	
110		LC-MS (Method L5): Rt =1.38 min; MS (ESIpos): m/z = 544 [M+H]+	
111		LC-MS (Method L5): Rt =1.00 min; MS (ESIpos): m/z = 550 [M+H]+	
112	2,6	LC-MS (Method L1): Rt = 1.10 min; MS (ESIpos): m/z = 538 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.14), 0.008 (2.96), 0.146 (0.46), 1.917 (0.92), 1.937 (0.96), 1.949 (1.08), 1.968 (0.98), 2.328 (0.72), 2.568 (1.52), 2.587 (2.01), 2.605 (1.54), 2.624 (0.91), 2.640 (0.62), 2.670 (0.64), 2.849 (0.85), 2.868 (1.12), 2.887 (1.37), 2.908 (0.64), 2.974 (0.91), 2.988 (0.95), 3.707 (1.26), 3.726 (2.13), 3.736 (2.13), 3.753 (1.19), 3.841 (2.10), 3.873 (4.31), 3.905 (2.01), 5.508 (0.54), 5.528 (1.68), 5.549 (1.67), 7.224 (2.73), 7.233 (3.15), 7.241 (3.80), 7.271 (2.34), 7.414 (1.68), 7.429 (1.43), 7.640 (16.00), 7.665 (1.81), 7.684 (2.39), 7.705 (2.19), 7.835 (2.72), 7.850 (2.23), 8.239 (2.35), 8.258 (2.17), 8.695 (9.00), 9.086 (2.09), 9.106 (2.05).

113		LC-MS (Method L5): Rt =1.04 min; MS (ESIpos): m/z = 545 [M+H]+	
114		LC-MS (Method L5): Rt =1.40 min; MS (ESIpos): m/z = 566 [M+H]+	
115		LC-MS (Method L5): Rt =1.05 min; MS (ESIpos): m/z = 533 [M+H]+	
116	3,4	LC-MS (Method L5): Rt =1.25 min; MS (ESIpos): m/z = 559 [M+H]+	
117		LC-MS (Method L5): Rt =1.25 min; MS (ESIpos): m/z = 565 [M+H]+	
118		LC-MS (Method L5): Rt =1.33 min; MS (ESIpos): m/z = 552 [M+H]+	
119		LC-MS (Method L5Method L5): Rt =0.92 min; MS (ESIpos): m/z = 506 [M+H]+	
120		LC-MS (Method L5): Rt =0.94 min; MS (ESIpos): m/z = 502 [M+H]+	
121		LC-MS (Method L5): Rt =1.00 min; MS (ESIpos): m/z = 524 [M+H]+	

122	2	LC-MS (Method L5): Rt =0.90 min; MS (ESIpos): m/z = 547 [M+H]+	
123		LC-MS (Method L5): Rt =0.98 min; MS (ESIpos): m/z = 544 [M+H]+	
124		LC-MS (Method L8): Rt = 0.82 min; MS (ESIneg): m/z = 518 [M-H]-	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 0.007 (0.42), 1.234 (0.43), 1.937 (0.49), 1.954 (1.37), 1.962 (0.72), 1.971 (1.46), 1.979 (1.53), 1.988 (0.69), 1.996 (1.47), 2.013 (0.54), 2.446 (0.68), 2.453 (0.82), 2.462 (1.42), 2.469 (1.84), 2.478 (2.17), 2.518 (7.50), 2.809 (0.67), 2.826 (1.25), 2.842 (1.48), 2.858 (1.88), 2.874 (0.85), 2.960 (1.13), 2.967 (1.21), 2.978 (1.24), 2.984 (1.18), 2.992 (0.89), 2.998 (0.84), 3.009 (0.81), 3.016 (0.70), 3.316 (1.98), 3.664 (0.52), 3.675 (1.21), 3.689 (2.49), 3.701 (2.76), 3.715 (2.35), 3.729 (1.06), 3.740 (0.44), 5.503 (0.84), 5.519 (2.36), 5.535 (2.35), 5.551 (0.79), 6.929 (2.26), 7.192 (0.72), 7.206 (4.09), 7.213 (4.86), 7.220 (5.20), 7.224 (3.60), 7.235 (1.11), 7.255 (3.09), 7.266 (1.77), 7.271 (1.27), 7.362 (2.40), 7.368 (2.53), 7.379 (2.23), 7.400 (2.23), 7.534 (2.37), 7.548 (3.14), 7.550 (2.96), 7.565 (2.60), 7.599 (3.07), 7.603 (6.46), 7.607 (4.90), 7.627 (16.00), 7.631 (11.94), 7.739 (3.66), 7.741 (3.78), 7.754 (3.17), 7.755 (3.13), 7.917 (1.31), 7.928 (2.35), 7.938 (1.20), 8.157 (3.18), 8.334 (3.01), 8.350 (2.81), 8.562 (10.41), 8.850 (3.16), 8.866 (3.04).
125	2,1	LC-MS (Method L5): Rt =0.95 min; MS (ESIpos): m/z = 542 [M+H]+	
126		LC-MS (Method L5): Rt =0.87 min; MS (ESIpos): m/z = 533 [M+H]+	
127	1,9	LC-MS (Method L5): Rt =0.90 min; MS (ESIpos): m/z = 519 [M+H]+	
128	2,1	LC-MS (Method L5): Rt =0.97 min; MS (ESIpos): m/z = 520 [M+H]+	
129	1,8	LC-MS (Method L5): Rt =0.85 min; MS (ESIpos): m/z = 505 [M+H]+	

130		LC-MS (Method L1): Rt = 0.85 min; MS (ESIpos): m/z = 458 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 3.066 (16.00), 4.262 (0.81), 4.270 (0.92), 5.754 (1.15), 6.784 (0.98), 6.787 (1.02), 6.805 (1.10), 6.807 (1.10), 6.923 (0.99), 6.926 (0.97), 7.169 (0.81), 7.353 (0.82), 7.373 (0.79), 7.455 (0.88), 7.460 (1.48), 7.464 (1.00), 7.469 (1.06), 7.487 (1.54), 7.506 (0.70), 7.532 (0.80), 7.536 (1.38), 7.540 (0.75), 7.554 (0.76), 7.623 (0.73), 7.643 (2.49), 7.648 (1.12), 7.662 (1.03), 7.739 (1.15), 7.743 (1.22), 7.757 (0.88), 7.761 (0.82), 8.204 (1.00), 8.208 (1.02), 8.225 (0.96), 8.229 (0.88), 8.611 (3.90), 9.078 (0.87), 9.098 (0.85).
131		LC-MS (Method L1): Rt = 1.40 min; MS (ESIpos): m/z = 494 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.45), 0.008 (2.01), 2.031 (0.91), 2.038 (0.84), 2.086 (1.12), 2.199 (0.70), 3.673 (16.00), 3.742 (5.31), 4.174 (1.20), 4.181 (0.78), 4.195 (0.87), 4.203 (0.99), 4.287 (0.82), 4.296 (0.76), 4.304 (0.93), 5.125 (1.08), 5.142 (1.08), 6.796 (1.69), 6.816 (1.95), 6.878 (0.99), 6.881 (0.91), 6.897 (1.97), 6.916 (1.18), 6.957 (0.91), 6.972 (0.89), 7.152 (1.31), 7.157 (1.12), 7.166 (1.84), 7.171 (2.18), 7.185 (2.45), 7.196 (1.01), 7.206 (1.77), 7.283 (0.80), 7.287 (0.91), 7.294 (1.69), 7.314 (1.54), 7.387 (2.01), 7.391 (1.99), 7.406 (1.77), 7.409 (1.59), 7.445 (2.22), 7.449 (2.24), 7.501 (6.85), 7.506 (6.87), 7.717 (0.85), 7.736 (1.54), 7.741 (2.47), 7.746 (1.27), 7.935 (2.81), 7.951 (2.83), 8.166 (0.63), 8.903 (1.69), 8.921 (1.69), 9.904 (1.94), 9.922 (2.56), 9.934 (1.42).
132		LC-MS (Method L6): Rt = 2.15 min; MS (ESIpos): m/z = 526 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.84), 0.008 (1.78), 3.075 (16.00), 4.248 (0.91), 4.256 (1.05), 6.774 (1.08), 6.777 (1.18), 6.794 (1.23), 6.797 (1.29), 6.889 (0.56), 6.905 (1.13), 6.908 (1.14), 6.924 (0.71), 6.926 (0.68), 7.142 (0.63), 7.160 (0.95), 7.335 (0.74), 7.468 (0.66), 7.474 (0.64), 7.633 (0.61), 7.650 (1.67), 7.669 (2.82), 7.900 (2.22), 7.906 (2.18), 8.257 (1.14), 8.263 (1.06), 8.276 (1.03), 8.282 (1.00), 8.537 (3.81).
133		LC-MS (Method L6): Rt = 2.40 min; MS (ESIpos): m/z = 568 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.91), -0.008 (7.68), 0.008 (7.18), 0.146 (0.91), 2.027 (1.24), 2.035 (1.27), 2.046 (1.34), 2.062 (1.88), 2.070 (1.58), 2.078 (1.17), 2.085 (0.81), 2.184 (1.24), 2.196 (1.71), 2.209 (1.71), 2.218 (1.64), 2.230 (1.07), 2.366 (0.70), 2.710 (0.64), 3.247 (1.24), 3.289 (8.35), 3.334 (1.81), 3.866 (8.18), 3.876 (13.05), 3.888 (7.51), 3.906 (0.97), 4.204 (0.74), 4.212 (0.97), 4.224 (0.91), 4.232 (2.85), 4.240 (2.28), 4.252 (3.66), 4.264 (3.52), 4.271 (2.52), 4.280 (2.52), 4.299 (0.94), 5.241 (2.11), 5.255 (2.08), 5.753 (4.53), 6.776 (4.49), 6.779 (5.00), 6.796 (5.20), 6.799 (5.50), 6.896 (2.21), 6.915 (4.70), 6.933 (2.78), 7.142 (2.55), 7.147 (2.72), 7.164 (4.13), 7.181 (2.11), 7.186 (2.01), 7.357 (4.19), 7.374 (3.96), 7.444 (2.25), 7.450 (2.42), 7.476 (2.68), 7.482 (2.58), 7.686 (1.38), 7.703 (7.55), 7.711 (6.74), 7.720 (16.00), 7.728 (1.71), 7.909 (7.31), 7.915 (7.11), 8.282 (0.91), 8.291 (4.49), 8.300 (3.82), 8.307 (3.66), 8.316 (3.89), 8.325 (0.74), 8.606 (7.01), 8.610 (7.75), 9.160 (2.82), 9.181 (2.72).
134	1,9	LC-MS (Method L1): Rt = 0.84 min; MS (ESIpos): m/z = 578[M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 8.99 (d, 1H), 8.45 (s, 1H), 8.36 (d, 1H), 8.13 (s, 1H), 7.83 (br s, 1H), 7.73 (d, 1H), 7.60 - 7.63 (m, 3H), 7.54 (t, 1H), 7.32 (d, 1H), 7.16 (t, 1H), 6.91 (t, 1H), 6.79 (d, 1H), 5.21 - 5.27 (m, 1H), 4.22 - 4.30 (m, 2H), 3.07 (d, 3H), 2.52 - 2.55 (m, 4H), 2.12 - 2.20 (m, 1H), 2.00 - 2.08 (m, 1H).

135	1,9	LC-MS (Method L1): Rt = 0.89 min; MS (ESIpos): m/z = 504 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (6.30), 0.008 (2.98), 2.004 (1.02), 2.014 (0.94), 2.026 (1.43), 2.041 (1.28), 2.126 (1.31), 2.141 (1.56), 2.373 (2.15), 2.394 (2.92), 2.412 (2.16), 2.433 (1.25), 2.519 (4.80), 2.523 (4.67), 4.243 (3.28), 4.255 (4.75), 4.261 (3.01), 4.270 (2.58), 4.427 (5.50), 4.446 (8.06), 4.466 (4.62), 5.160 (0.92), 5.174 (1.75), 5.194 (1.64), 5.754 (2.42), 6.781 (3.04), 6.785 (3.14), 6.802 (3.39), 6.805 (3.26), 6.887 (1.73), 6.890 (1.66), 6.906 (3.30), 6.909 (2.99), 6.924 (1.93), 6.927 (1.70), 7.142 (1.75), 7.146 (1.77), 7.163 (2.63), 7.180 (1.31), 7.185 (1.20), 7.291 (2.83), 7.311 (2.52), 7.434 (2.40), 7.452 (3.13), 7.455 (2.90), 7.473 (2.61), 7.592 (2.65), 7.597 (4.87), 7.602 (5.82), 7.611 (16.00), 7.616 (8.48), 7.698 (3.62), 7.701 (3.63), 7.716 (3.07), 7.719 (2.82), 8.058 (3.06), 8.061 (3.05), 8.080 (2.76), 8.083 (2.47), 8.430 (11.34), 8.946 (2.94), 8.966 (2.74).
136	2,1	LC-MS (Method L1): Rt = 0.93 min; MS (ESIpos): m/z = 541 [M+H]+	^{1}H-NMR (400 MHz, CHLOROFORM-d) δ [ppm]: -0.008 (1.56), 0.008 (1.98), 0.069 (0.62), 1.256 (1.23), 1.582 (16.00), 2.171 (1.20), 2.177 (0.59), 5.299 (1.83), 6.997 (0.57), 7.429 (0.69), 7.519 (1.23).
137	4,8	LC-MS (Method L1): Rt = 1.42 min; MS (ESIpos): m/z = 564 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.04), 0.008 (1.38), 1.199 (3.32), 1.216 (7.07), 1.234 (3.34), 2.086 (1.65), 3.048 (8.16), 4.052 (4.09), 4.134 (0.95), 4.152 (2.94), 4.169 (2.79), 4.187 (0.86), 4.283 (1.07), 6.790 (1.19), 6.793 (1.25), 6.810 (1.31), 6.813 (1.32), 6.917 (1.20), 6.920 (1.17), 7.175 (0.96), 7.378 (0.94), 7.645 (16.00), 7.689 (0.97), 7.707 (1.22), 7.710 (1.08), 7.728 (1.19), 7.840 (1.33), 7.843 (1.41), 7.858 (1.10), 7.861 (1.03), 8.354 (1.21), 8.358 (1.23), 8.375 (1.10), 8.379 (1.01), 8.756 (4.67), 9.196 (1.08), 9.217 (1.02).
138	2,7	LC-MS (Method L1): Rt = 1.12 min; MS (ESIpos): m/z = 522 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.087 (0.95), 2.095 (0.79), 2.206 (0.84), 2.218 (0.81), 2.228 (0.77), 3.056 (16.00), 3.516 (1.41), 3.529 (3.23), 3.541 (2.52), 3.601 (1.41), 3.614 (2.77), 3.628 (2.42), 3.641 (0.85), 4.245 (1.32), 4.253 (1.18), 4.265 (2.15), 4.274 (2.23), 4.290 (1.20), 5.100 (1.14), 5.115 (2.39), 5.130 (1.09), 5.279 (1.29), 5.298 (1.29), 5.752 (1.32), 5.754 (1.27), 6.792 (2.55), 6.813 (2.83), 6.910 (1.24), 6.928 (2.57), 6.947 (1.49), 7.159 (1.29), 7.176 (2.06), 7.197 (0.97), 7.357 (2.18), 7.376 (1.99), 7.625 (2.25), 7.628 (2.63), 7.631 (3.12), 7.634 (5.58), 7.638 (12.01), 7.640 (9.99), 7.643 (5.84), 7.646 (4.00), 7.665 (1.93), 7.801 (2.81), 7.819 (2.22), 8.275 (2.37), 8.296 (2.15), 8.673 (7.74), 9.303 (2.25), 9.323 (2.20).
139		LC-MS (Method L2): Rt = 3.33 min, m/z = 510/512 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (d, J = 8.2 Hz, 1H), 8.58 (s, 1H), 8.29 (dd, J = 9.4, 6.2 Hz, 1H), 7.77 - 7.68 (m, 2H), 7.61 (t, J = 9.3 Hz, 1H), 7.47 - 7.41 (m, 1H), 7.37 - 7.31 (m, 1H), 7.20 - 7.13 (m, 1H), 6.95 - 6.88 (m, 1H), 6.82 - 6.77 (m, 1H), 5.27 - 5.19 (m, 1H), 4.30 - 4.19 (m, 2H), 3.07 (s, 6H), 2.27 - 2.12 (m, 1H), 2.07 - 1.99 (m, 1H).
140		LC-MS (Method L2): Rt = 2.98 min, m/z = 478 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.07 (d, J = 8.2 Hz, 1H), 8.58 (s, 1H), 8.27 (dd, J = 9.4, 6.2 Hz, 1H), 7.64 - 7.48 (m, 3H), 7.34 (d, J = 6.9 Hz, 1H), 7.31 - 7.23 (m, 1H), 7.20 - 7.13 (m, 1H), 6.95 - 6.88 (m, 1H), 6.82 - 6.76 (m, 1H), 5.28 - 5.20 (m, 1H), 4.32 - 4.19 (m, 2H), 3.06 (s, 6H), 2.22 - 2.14 (m, 1H), 2.09 - 1.99 (m, 1H).
141		LC-MS (Method L2): Rt = 3.03 min, m/z = 476 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (d, J = 8.2 Hz, 1H), 8.58 (s, 1H), 8.27 (dd, J = 9.4, 6.2 Hz, 1H), 7.60 (t, J = 9.3 Hz, 1H), 7.55 - 7.45 (m, 3H), 7.43 - 7.31 (m, 2H), 7.20 - 7.12 (m, 1H), 6.95 - 6.88 (m, 1H), 6.83 - 6.76 (m, 1H), 5.28 - 5.19 (m, 1H), 4.32 - 4.19 (m, 2H), 3.07 (s, 6H), 2.25 - 2.14 (m, 1H), 2.09 - 1.98 (m, 1H).

142		LC-MS (Method L2): Rt = 3.68 min, m/z = 520 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.17 (d, J = 8.2 Hz, 1H), 8.67 (s, 1H), 8.34 (dd, J = 9.4, 6.2 Hz, 1H), 7.66 (t, J = 9.3 Hz, 1H), 7.40 - 7.28 (m, 2H), 7.22 - 7.13 (m, 3H), 6.96 - 6.89 (m, 1H), 6.82 - 6.76 (m, 1H), 5.29 - 5.21 (m, 1H), 4.33 - 4.19 (m, 2H), 3.88 (q, J = 5.8, 4.5 Hz, 4H), 3.28 (q, J = 4.5 Hz, 4H), 2.27 - 2.16 (m, 1H), 2.10 - 2.00 (m, 1H).
143		LC-MS (Method L2): Rt = 3.86 min, m/z = 536 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.17 (d, J = 8.1 Hz, 1H), 8.68 (s, 1H), 8.34 (dd, J = 9.4, 6.2 Hz, 1H), 7.66 (t, J = 9.3 Hz, 1H), 7.55 - 7.49 (m, 1H), 7.40 - 7.29 (m, 3H), 7.21 - 7.13 (m, 1H), 6.96 - 6.89 (m, 1H), 6.82 - 6.76 (m, 1H), 5.29 - 5.21 (m, 1H), 4.33 - 4.19 (m, 2H), 3.87 (t, J = 4.5 Hz, 4H), 3.28 (q, J = 4.6 Hz, 4H), 2.26 - 2.18 (m, 1H), 2.11 - 2.02 (m, 1H).
144		LC-MS (Method L2): Rt = 4.14 min; m/z = 552/554 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.85 (s, 1H), 7.83 (dd, J = 9.8, 2.9 Hz, 1H), 7.72 (d, J = 2.0 Hz, 1H), 7.55 (d, J = 8.3 Hz, 1H), 7.50 (dd, J = 8.6, 2.9 Hz, 1H), 7.45 (dd, J = 8.3, 2.0 Hz, 1H), 7.29 (d, J = 7.7 Hz, 1H), 7.26 – 7.17 (m, 1H), 6.94 (td, J = 7.5, 1.1 Hz, 1H), 6.87 (dd, J = 8.3, 1.0 Hz, 1H), 6.82 (d, J = 7.3 Hz, 1H), 5.38 (d, J = 7.3 Hz, 1H), 4.36 (dq, J = 9.2, 3.4, 2.9 Hz, 1H), 4.20 (ddd, J = 11.6, 9.6, 2.7 Hz, 1H), 3.97 – 3.84 (m, 4H), 3.44 – 3.33 (m, 4H), 2.47 – 2.35 (m, 1H), 2.29 – 2.19 (m, 1H).
145		LC-MS (Method L2): Rt = 3.82 min; m/z = 510/512 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.89 (s, 1H), 7.76 (dd, J = 9.9, 2.9 Hz, 1H), 7.72 (d, J = 2.0 Hz, 1H), 7.54 (d, J = 8.3 Hz, 1H), 7.49 – 7.43 (m, 2H), 7.29 (d, J = 7.7 Hz, 1H), 7.24 – 7.18 (m, 1H), 7.08 (d, J = 7.5 Hz, 1H), 6.93 (td, J = 7.5, 1.1 Hz, 1H), 6.88 – 6.84 (m, 1H), 5.40 – 5.33 (m, 1H), 4.38 – 4.31 (m, 1H), 4.23 – 4.16 (m, 1H), 3.10 (s, 6H), 2.44 – 2.34 (m, 1H), 2.25 – 2.16 (m, 1H).
146		LC-MS (Method L2): Rt = 3.55 min; m/z = 510/512 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.85 (d, J = 2.7 Hz, 1H), 7.81 (dd, J = 10.0, 2.8 Hz, 1H), 7.54 (dd, J = 7.9, 1.6 Hz, 1H), 7.40 (dd, J = 8.3, 2.8 Hz, 1H), 7.34 – 7.15 (m, 4H), 7.07 – 6.97 (m, 1H), 6.91 (td, J = 7.5, 1.1 Hz, 1H), 6.85 (dd, 1H), 5.40 – 5.29 (m, 1H), 4.37 – 4.30 (m, 1H), 4.22 – 4.14 (m, 1H), 3.12 (s, 6H), 2.43 – 2.32 (m, 1H), 2.23 – 2.14 (m, 1H).
147	2,76		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.121 (0.91); 9.1007 (0.93); 8.634 (3.89); 8.3134 (0.72); 8.2547 (0.98); 8.2517 (1.05); 8.2336 (1.09); 8.2306 (1.1); 7.805 (1.01); 7.7903 (1.21); 7.7874 (1.21); 7.6694 (1.03); 7.6485 (1.18); 7.6304 (12.69); 6.8945 (1.38); 6.8875 (1.57); 6.7982 (0.58); 6.7911 (0.47); 6.7761 (1.29); 6.7688 (1.22); 6.7441 (2.53); 6.7219 (1.02); 5.2287 (0.58); 5.2095 (0.58); 4.2178 (0.58); 4.2045 (1.04); 4.1982 (0.85); 4.1864 (0.55); 4.1782 (0.56); 3.6948 (11.21); 3.3162 (70.62); 3.2923 (0.36); 3.0725 (16); 2.6745 (0.55); 2.6703 (0.76); 2.6659 (0.57); 2.5055 (89.32); 2.5011 (123.65); 2.4967 (94.57); 2.3324 (0.52); 2.328 (0.71); 2.3236 (0.52); 2.1952 (0.33); 2.185 (0.35); 2.1736 (0.35); 2.0579 (0.35); 2.0505 (0.41); 1.3981 (6.55); 0.1458 (0.5); 0.008 (4.19); -0.0001 (108.21); -0.0083 (4.43); -0.1497 (0.5)
148	2,84		^{1}H-NMR(399,9532 MHz, DMSO): δ= 8.8981 (0.68); 8.8777 (0.7); 8.6125 (3.39); 8.3132 (0.55); 8.2499 (0.74); 8.2465 (0.82); 8.2286 (0.85); 8.2252 (0.85); 7.805 (0.71); 7.8016 (0.8); 7.7871 (0.96); 7.7838 (0.98); 7.6657 (0.85); 7.6476 (0.82); 7.6444 (0.97); 7.6324 (11.7); 7.3105 (0.9); 7.2897 (1); 6.8463 (0.92); 6.8409 (1.09); 6.7994 (0.64); 6.7934 (0.54); 6.7787 (0.58); 6.7727 (0.53); 5.4719 (0.54); 5.4526 (0.54); 3.7345 (9.41); 3.3174 (129.06); 3.0587 (12.87); 3.0247 (0.38); 2.8426 (0.45); 2.8226 (0.35); 2.6747 (0.57); 2.6702 (0.79); 2.6658 (0.58); 2.5368 (0.56); 2.5237 (2.21); 2.5101 (44.34); 2.5056 (94.37); 2.5011 (132.67); 2.4965 (99.85); 2.4921 (48.15); 2.3324 (0.55); 2.3281 (0.77); 2.3234 (0.56); 1.398 (16); 0.1459 (0.57); 0.008 (4.36); -0.0002 (135.3); -0.0084 (4.88); -0.1496 (0.56)

149	2,2	LC-MS (Method L1): Rt = 0.94 min; MS (ESIneg): m/z = 589 [M-H]-	^{1}H-NMR (400 MHz, CHLOROFORM-d) δ [ppm]: 2.171 (1.43), 2.631 (16.00), 3.229 (12.71), 3.305 (1.03), 3.313 (1.03), 4.269 (0.86), 6.828 (1.34), 6.830 (1.40), 6.848 (1.53), 6.851 (1.54), 6.950 (1.41), 6.953 (1.37), 6.969 (0.85), 6.972 (0.79), 7.198 (1.15), 7.327 (1.22), 7.346 (1.12), 7.390 (1.53), 7.395 (2.99), 7.400 (1.71), 7.512 (6.31), 7.517 (5.89), 7.551 (0.97), 7.569 (1.53), 7.572 (1.24), 7.590 (1.44), 7.661 (1.63), 7.665 (1.74), 7.679 (1.23), 7.683 (1.12), 8.058 (1.46), 8.062 (1.45), 8.079 (1.31), 8.083 (1.23), 8.983 (5.10).
150	3,1	LC-MS (Method L1): Rt = 1.11 min; MS (ESIpos): m/z = 536 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.132 (1.28), 2.205 (1.37), 2.328 (0.59), 3.040 (16.00), 3.931 (0.61), 3.975 (4.59), 3.984 (4.71), 4.281 (3.48), 5.309 (1.69), 5.326 (1.68), 6.779 (2.78), 6.799 (3.08), 6.883 (1.42), 6.901 (2.80), 6.920 (1.72), 7.140 (1.56), 7.159 (2.50), 7.175 (1.25), 7.348 (2.66), 7.365 (2.47), 7.643 (14.76), 7.660 (2.25), 7.678 (2.82), 7.699 (1.88), 7.820 (3.02), 7.835 (2.42), 8.139 (1.05), 8.304 (2.56), 8.326 (2.33), 8.755 (6.56).
151		LC-MS (Method L6): Rt = 1.55 min; MS (ESIpos): m/z = 503 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.73), 0.008 (0.73), 2.827 (5.86), 2.831 (9.97), 2.836 (5.88), 3.063 (16.00), 4.234 (0.56), 4.253 (0.85), 4.262 (0.92), 6.778 (0.94), 6.781 (1.01), 6.799 (1.07), 6.801 (1.08), 6.894 (0.49), 6.897 (0.49), 6.912 (1.00), 6.915 (0.97), 6.931 (0.61), 6.934 (0.57), 7.026 (0.55), 7.043 (0.90), 7.055 (1.02), 7.060 (0.67), 7.082 (0.74), 7.142 (0.50), 7.146 (0.54), 7.164 (0.80), 7.339 (0.78), 7.359 (0.78), 7.606 (0.49), 7.623 (1.27), 7.643 (1.95), 7.650 (1.53), 7.663 (0.52), 8.214 (0.96), 8.220 (0.91), 8.234 (0.91), 8.240 (0.83), 8.542 (4.00), 9.073 (0.89), 9.093 (0.86).
152	3		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.0892 (0.94); 9.0691 (0.96); 8.6414 (4.26); 8.2521 (0.97); 8.2488 (1.02); 8.2308 (1.12); 8.2275 (1.08); 7.8117 (0.96); 7.8084 (1.01); 7.7939 (1.28); 7.7906 (1.21); 7.6681 (1.04); 7.65 (1.06); 7.6469 (1.19); 7.633 (11.43); 7.4321 (0.64); 7.4139 (0.79); 7.411 (0.8); 7.3933 (0.66); 6.7953 (0.48); 6.7887 (0.52); 6.774 (0.91); 6.7673 (0.95); 6.7527 (0.46); 6.746 (0.48); 6.6796 (0.98); 6.673 (0.85); 6.6532 (1.02); 6.6466 (0.82); 5.7538 (9.65); 5.2288 (0.51); 5.2099 (0.52); 4.315 (0.48); 4.3057 (0.46); 4.2996 (0.54); 4.2881 (0.57); 4.2791 (0.52); 4.2653 (0.45); 4.2581 (0.58); 3.3173 (12.38); 3.0582 (16); 2.5238 (0.61); 2.5104 (12.16); 2.5059 (24.77); 2.5014 (33.92); 2.4969 (25.2); 2.4926 (12.16); 2.1993 (0.33); 2.1898 (0.34); 2.177 (0.37); 2.078 (0.34); 2.0714 (0.39); 0.008 (1.15); -0.0002 (30.44); -0.0084 (1.11)
153	2,1	LC-MS (Method L1): Rt = 0.92 min; MS (ESIpos): m/z = 492 [M+H]+	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 1.241 (8.09), 1.253 (15.76), 1.265 (7.87), 2.024 (1.23), 2.030 (1.43), 2.037 (1.48), 2.046 (1.79), 2.053 (1.70), 2.146 (1.59), 2.157 (1.87), 2.166 (1.55), 3.508 (1.58), 3.519 (4.30), 3.530 (5.43), 3.540 (4.15), 3.552 (1.33), 4.266 (5.31), 4.273 (4.37), 4.292 (0.68), 5.238 (1.23), 5.248 (2.59), 5.260 (2.52), 5.270 (1.13), 6.788 (4.52), 6.802 (4.77), 6.899 (2.30), 6.912 (4.55), 6.924 (2.56), 7.152 (2.32), 7.165 (3.89), 7.177 (1.93), 7.302 (4.05), 7.315 (3.75), 7.522 (2.63), 7.535 (4.17), 7.548 (2.83), 7.606 (6.74), 7.620 (16.00), 7.662 (0.48), 7.731 (4.94), 7.743 (4.36), 7.808 (2.02), 7.816 (3.34), 8.412 (4.22), 8.426 (4.01), 8.509 (10.45), 9.013 (4.02), 9.027 (3.89).
154		LC-MS (Method L1): Rt = 0.97 min; MS (ESIpos): m/z = 521 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.40), -0.008 (3.14), 0.008 (2.78), 0.833 (0.80), 0.851 (1.18), 1.028 (0.44), 1.103 (0.60), 1.118 (0.70), 1.235 (1.90), 1.874 (16.00), 1.914 (1.00), 2.063 (0.78), 2.108 (1.12), 2.163 (0.90), 2.366 (0.68), 2.518 (4.57), 2.523 (3.14), 2.709 (0.54), 3.508 (0.82), 4.232 (0.58), 4.249 (1.20), 4.258 (1.14), 4.275 (1.58), 4.293 (0.98), 4.302 (1.16), 5.233 (0.52), 5.249 (1.04), 5.266 (1.08), 6.776 (2.22), 6.794 (2.46), 6.877 (1.16), 6.893 (2.38), 6.911 (1.44), 7.135 (1.28), 7.155 (2.02), 7.174 (1.06), 7.340 (1.82), 7.359 (1.74), 7.574 (1.36), 7.592 (1.96), 7.617 (4.01), 7.622 (5.21), 7.628 (11.15), 7.633 (5.41), 7.726 (0.58), 7.789 (2.38), 7.805 (2.08), 8.516 (1.20), 8.538 (1.18), 8.604 (3.14), 9.016 (1.62), 9.036 (1.58), 9.575 (0.84), 10.034 (0.98).

155		LC-MS (Method L2): Rt = 3.77 min, m/z = 536 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.17 (dd, J = 8.1, 4.5 Hz, 1H), 8.64 (d, J = 2.4 Hz, 1H), 8.37 (dd, J = 9.4, 6.3 Hz, 1H), 7.74 - 7.64 (m, 2H), 7.47 - 7.32 (m, 3H), 7.20 - 7.12 (m, 1H), 6.95 - 6.88 (m, 1H), 6.82 - 6.76 (m, 1H), 5.29 - 5.20 (m, 1H), 4.32 - 4.18 (m, 2H), 3.93 - 3.83 (m, 4H), 3.31 - 3.22 (m, 4H), 2.27 - 2.16 (m, 1H), 2.10 - 2.01 (m, 1H).
156		LC-MS (Method L2): Rt = 3.96 min, m/z = 552/554 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.17 (d, J = 8.1 Hz, 1H), 8.66 (s, 1H), 8.33 (dd, J = 9.4, 6.2 Hz, 1H), 7.79 - 7.62 (m, 3H), 7.47 - 7.42 (m, 1H), 7.40 - 7.34 (m, 1H), 7.21 - 7.13 (m, 1H), 6.96 - 6.89 (m, 1H), 6.83 - 6.76 (m, 1H), 5.29 - 5.21 (m, 1H), 4.33 - 4.19 (m, 2H), 3.91 - 3.83 (m, 4H), 3.30 - 3.23 (m, 4H), 2.25 - 2.19 (m, 1H), 2.10 - 2.02 (m, 1H).
157		LC-MS (Method L2): Rt = 3.61 min, m/z = 520 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.16 (d, J = 8.1 Hz, 1H), 8.66 (s, 1H), 8.36 - 8.28 (m, 1H), 7.65 (t, J = 9.3 Hz, 1H), 7.54 (q, J = 8.7 Hz, 2H), 7.41 - 7.25 (m, 2H), 7.21 - 7.13 (m, 1H), 6.92 (t, J = 7.1 Hz, 1H), 6.79 (d, J = 8.1 Hz, 1H), 5.25 (q, J = 5.7 Hz, 1H), 4.33 - 4.19 (m, 2H), 3.93 - 3.82 (m, 4H), 3.31 - 3.21 (m, 4H), 2.21 (dt, J = 8.6, 4.4 Hz, 1H), 2.11 - 2.00 (m, 1H).
158		LC-MS (Method L2): Rt = 3.85 min; m/z = 520 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.86 (s, 1H), 7.82 (dd, J = 9.8, 2.9 Hz, 1H), 7.52 – 7.44 (m, 2H), 7.36 – 7.19 (m, 4H), 6.93 (td, J = 7.5, 1.1 Hz, 1H), 6.89 – 6.80 (m, 2H), 5.43 – 5.34 (m, 1H), 4.41 – 4.32 (m, 1H), 4.24 – 4.15 (m, 1H), 3.96 – 3.84 (m, 4H), 3.44 – 3.33 (m, 4H), 2.46 – 2.36 (m, 1H), 2.28 – 2.19 (m, 1H).
159		LC-MS (Method L2): Rt = 3.95 min; m/z = 518 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.85 (s, 1H), 7.81 (dd, J = 9.8, 2.9 Hz, 1H), 7.62 – 7.59 (m, 1H), 7.52 – 7.38 (m, 4H), 7.28 (d, J = 7.7 Hz, 1H), 7.24 – 7.18 (m, 1H), 6.96 – 6.83 (m, 3H), 5.43 – 5.30 (m, 1H), 4.40 – 4.31 (m, 1H), 4.25 – 4.15 (m, 1H), 3.96 – 3.83 (m, 4H), 3.44 – 3.31 (m, 4H), 2.45 – 2.34 (m, 1H), 2.28 – 2.17 (m, 1H).
160		LC-MS (Method L2): Rt = 3.91 min; m/z = 536 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.83 (s, 1H), 7.87 (dd, J = 9.8, 2.9 Hz, 1H), 7.53 – 7.46 (m, 2H), 7.34 – 7.26 (m, 2H), 7.24 – 7.17 (m, 2H), 6.92 (td, J = 7.5, 1.2 Hz, 1H), 6.89 – 6.80 (m, 2H), 5.40 – 5.33 (m, 1H), 4.39 – 4.31 (m, 1H), 4.23 – 4.12 (m, 1H), 3.96 – 3.84 (m, 4H), 3.44 – 3.33 (m, 4H), 2.44 – 2.34 (m, 1H), 2.26 – 2.18 (m, 1H).
161		LC-MS (Method L2): Rt = 3.83 min; m/z = 536 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.82 (s, 1H), 7.89 (dd, J = 9.8, 2.9 Hz, 1H), 7.45 (dd, J = 8.3, 2.9 Hz, 1H), 7.37 – 7.18 (m, 4H), 7.14 (d, J = 7.5 Hz, 1H), 6.92 (td, J = 7.5, 1.2 Hz, 1H), 6.86 (dd, J = 8.3, 1.0 Hz, 1H), 6.79 (s, 1H), 5.41 – 5.34 (m, 1H), 4.39 – 4.31 (m, 1H), 4.22 – 4.14 (m, 1H), 3.97 – 3.87 (m, 4H), 3.47 – 3.34 (m, 4H), 2.45 – 2.35 (m, 1H), 2.26 – 2.18 (m, 1H).
162		LC-MS (Method L2): Rt = 3.89 min; m/z = 520 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.86 (s, 1H), 7.84 (dd, J = 9.7, 2.9 Hz, 1H), 7.51 (dd, J = 8.6, 2.9 Hz, 1H), 7.29 (d, J = 7.7 Hz, 1H), 7.24 – 7.12 (m, 3H), 6.97 – 6.78 (m, 4H), 5.42 – 5.34 (m, 1H), 4.40 – 4.32 (m, 1H), 4.24 – 4.15 (m, 1H), 3.96 – 3.85 (m, 4H), 3.44 – 3.33 (m, 4H), 2.46 – 2.36 (m, 1H), 2.29 – 2.19 (m, 1H).
163		LC-MS (Method L2): Rt = 4.05 min; m/z = 536 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.85 (s, 1H), 7.84 (dd, J = 9.7, 2.8 Hz, 1H), 7.50 (dd, J = 8.5, 2.8 Hz, 1H), 7.39 (s, 1H), 7.32 – 7.13 (m, 4H), 6.94 (t, J = 7.1 Hz, 1H), 6.90 – 6.80 (m, 2H), 5.42 – 5.34 (m, 1H), 4.41 – 4.32 (m, 1H), 4.24 – 4.15 (m, 1H), 3.96 – 3.84 (m, 4H), 3.44 – 3.32 (m, 4H), 2.46 – 2.35 (m, 1H), 2.29 – 2.19 (m, 1H).

164		LC-MS (Method L2): Rt = 3.94 min; m/z = 536 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.83 (s, 1H), 7.86 (dd, J = 9.8, 2.9 Hz, 1H), 7.51 (dd, J = 8.3, 2.7 Hz, 1H), 7.44 – 7.36 (m, 2H), 7.28 (d, J = 7.8 Hz, 1H), 7.23 – 7.18 (m, 1H), 7.14 (t, J = 8.9 Hz, 1H), 6.92 (td, J = 7.5, 1.1 Hz, 1H), 6.89 – 6.81 (m, 2H), 5.41 – 5.32 (m, 1H), 4.39 – 4.30 (m, 1H), 4.23 – 4.14 (m, 1H), 3.95 – 3.84 (m, 4H), 3.44 – 3.33 (m, 4H), 2.45 – 2.33 (m, 1H), 2.27 – 2.16 (m, 1H).
165		LC-MS (Method L2): Rt = 3.82 min; m/z = 536 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.83 (s, 1H), 7.87 (dd, J = 9.9, 2.8 Hz, 1H), 7.44 (dd, J = 8.3, 2.8 Hz, 1H), 7.34 – 7.26 (m, 3H), 7.24 – 7.18 (m, 1H), 7.10 (td, J = 8.2, 2.5 Hz, 1H), 6.92 (t, J = 7.5 Hz, 1H), 6.86 (d, J = 7.7 Hz, 1H), 6.80 (d, J = 5.9 Hz, 1H), 5.43 – 5.30 (m, 1H), 4.39 – 4.31 (m, 1H), 4.22 – 4.14 (m, 1H), 3.96 – 3.86 (m, 4H), 3.46 – 3.34 (m, J = 3.8 Hz, 4H), 2.45 – 2.35 (m, 1H), 2.27 – 2.17 (m, 1H).
166		LC-MS (Method L2): Rt = 3.95 min; m/z = 552/554 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.80 (s, 1H), 7.87 (dd, J = 9.8, 2.9 Hz, 1H), 7.55 (dd, J = 8.0, 1.6 Hz, 1H), 7.43 (dd, J = 8.2, 2.8 Hz, 1H), 7.33 – 7.17 (m, 4H), 6.94 – 6.77 (m, 3H), 5.41 – 5.30 (m, 1H), 4.37 – 4.31 (m, 1H), 4.21 – 4.14 (m, 1H), 3.95 – 3.85 (m, 4H), 3.45 – 3.33 (m, 4H), 2.44 – 2.34 (m, 1H), 2.25 – 2.16 (m, 1H).
167		LC-MS (Method L2): Rt = 3.68 min, m/z = 518 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.17 (d, J = 8.2 Hz, 1H), 8.66 (s, 1H), 8.32 (dd, J = 9.4, 6.2 Hz, 1H), 7.65 (t, J = 9.3 Hz, 1H), 7.56 - 7.47 (m, 3H), 7.43 - 7.34 (m, 2H), 7.21 - 7.14 (m, 1H), 6.97 - 6.89 (m, 1H), 6.80 (d, J = 8.2, 0.9 Hz, 1H), 5.30 - 5.22 (m, 1H), 4.33 - 4.19 (m, 2H), 3.88 (t, J = 4.6 Hz, 4H), 3.32 - 3.22 (m, 4H), 2.28 - 2.17 (m, 1H), 2.11 - 1.98 (m, 1H).
168		LC-MS (Method L2): Rt = 3.07 min, m/z = 478 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (d, J = 8.2 Hz, 1H), 8.59 (s, 1H), 8.33 - 8.25 (m, 1H), 7.60 (t, J = 9.3 Hz, 1H), 7.38 - 7.27 (m, 2H), 7.22 - 7.12 (m, 3H), 6.95 - 6.88 (m, 1H), 6.82 - 6.76 (m, 1H), 5.27 - 5.19 (m, 1H), 4.32 - 4.19 (m, 2H), 3.07 (s, 6H), 2.25 - 2.14 (m, 1H), 2.09 - 1.98 (m, 1H).
169		LC-MS (Method L2): Rt = 3.26 min, m/z = 494 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (d, J = 8.2 Hz, 1H), 8.60 (s, 1H), 8.33 - 8.26 (m, 1H), 7.61 (t, J = 9.3 Hz, 1H), 7.54 - 7.49 (m, 1H), 7.39 - 7.28 (m, 3H), 7.20 - 7.13 (m, 1H), 6.95 - 6.88 (m, 1H), 6.82 - 6.76 (m, 1H), 5.27 - 5.19 (m, 1H), 4.32 - 4.19 (m, 2H), 3.07 (s, 6H), 2.25 - 2.14 (m, 1H), 2.09 - 1.99 (m, 1H).
170		LC-MS (Method L2): Rt = 3.82 min, m/z = 536 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.17 (dd, J = 8.1, 3.6 Hz, 1H), 8.66 (d, J = 1.2 Hz, 1H), 8.37 (dd, J = 9.4, 6.3 Hz, 1H), 7.68 (t, J = 9.1 Hz, 1H), 7.63 - 7.49 (m, 2H), 7.46 - 7.34 (m, 2H), 7.17 (t, J = 7.7 Hz, 1H), 6.92 (t, J = 7.2 Hz, 1H), 6.80 (d, J = 8.2 Hz, 1H), 5.30 - 5.21 (m, 1H), 4.33 - 4.19 (m, 2H), 3.88 (t, J = 4.3 Hz, 4H), 3.32 - 3.23 (m, 4H), 2.21 (d, J = 3.1 Hz, 1H), 2.06 (d, J = 6.4 Hz, 1H).
171		LC-MS (Method L2): Rt = 3.23 min, m/z = 494 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (dd, J = 8.1, 4.3 Hz, 1H), 8.56 (d, J = 1.2 Hz, 1H), 8.34 (dd, J = 9.4, 6.3 Hz, 1H), 7.74 - 7.59 (m, 2H), 7.46 - 7.31 (m, 3H), 7.16 (t, J = 7.1 Hz, 1H), 6.91 (t, J = 7.5 Hz, 1H), 6.79 (d, J = 8.1 Hz, 1H), 5.28 - 5.18 (m, 1H), 4.32 - 4.18 (m, 2H), 3.08 (s, 6H), 2.19 (dd, J = 9.0, 4.8 Hz, 1H), 2.09 - 2.00 (m, 1H).
172		LC-MS (Method L2): Rt = 3.05 min, m/z = 494 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.07 (d, J = 7.4 Hz, 1H), 8.53 (d, J = 1.2 Hz, 1H), 8.31 (dd, J = 9.5, 6.3 Hz, 1H), 7.64 - 7.56 (m, 2H), 7.47 - 7.38 (m, 1H), 7.38 - 7.29 (m, 2H), 7.19 - 7.12 (m, 1H), 6.94 - 6.86 (m, 1H), 6.81 - 6.75 (m, 1H), 5.22 (q, J = 6.8, 6.3 Hz, 1H), 4.31 - 4.18 (m, 2H), 3.07 (s, 6H), 2.24 - 2.13 (m, 1H), 2.07 - 1.98 (m, 1H).

173		LC-MS (Method L2): Rt = 3.40 min; m/z = 478 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.91 (s, 1H), 7.75 (dd, J = 9.9, 2.9 Hz, 1H), 7.52 – 7.44 (m, 2H), 7.36 – 7.18 (m, 4H), 7.11 (d, J = 7.4 Hz, 1H), 6.93 (td, J = 7.5, 1.1 Hz, 1H), 6.87 (dd, J = 8.3, 1.0 Hz, 1H), 5.40 – 5.33 (m, 1H), 4.39 – 4.31 (m, 1H), 4.23 – 4.15 (m, 1H), 3.10 (s, 6H), 2.44 – 2.35 (m, 1H), 2.25 – 2.17 (m, 1H).
174		LC-MS (Method L2): Rt = 3.46 min; m/z = 476 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.93 (s, 1H), 7.75 (dd, J = 9.9, 2.9 Hz, 1H), 7.62 – 7.59 (m, 1H), 7.52 – 7.46 (m, 2H), 7.44 – 7.39 (m, 2H), 7.30 (d, J = 7.7 Hz, 1H), 7.24 – 7.18 (m, 1H), 7.12 (d, J = 7.5 Hz, 1H), 6.93 (td, J = 7.5, 1.2 Hz, 1H), 6.87 (dd, J = 8.3, 1.0 Hz, 1H), 5.41 – 5.34 (m, 1H), 4.39 – 4.31 (m, 1H), 4.23 – 4.16 (m, 1H), 3.10 (s, 6H), 2.44 – 2.35 (m, 1H), 2.25 – 2.17 (m, 1H).
175		LC-MS (Method L2): Rt = 3.59 min; m/z = 494 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.88 (s, 1H), 7.81 (dd, J = 10.0, 2.9 Hz, 1H), 7.51 – 7.45 (m, 2H), 7.34 – 7.27 (m, 2H), 7.23 – 7.17 (m, 2H), 7.04 (d, J = 7.6 Hz, 1H), 6.92 (td, J = 7.5, 1.2 Hz, 1H), 6.86 (dd, J = 8.2, 1.1 Hz, 1H), 5.40 – 5.33 (m, 1H), 4.38 – 4.31 (m, 1H), 4.22 – 4.15 (m, 1H), 3.11 (s, 6H), 2.43 – 2.34 (m, 1H), 2.24 – 2.16 (m, 1H).
176		LC-MS (Method L2): Rt = 3.40 min; m/z = 494 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.86 (s, 1H), 7.82 (dd, J = 10.0, 2.9 Hz, 1H), 7.42 (dd, J = 8.3, 2.9 Hz, 1H), 7.37 – 7.30 (m, 1H), 7.29 – 7.12 (m, 4H), 7.02 (s, 1H), 6.91 (td, J = 7.5, 1.1 Hz, 1H), 6.85 (dd, J = 8.3, 1.0 Hz, 1H), 5.40 – 5.32 (m, 1H), 4.37 – 4.30 (m, 1H), 4.22 – 4.14 (m, 1H), 3.12 (s, 6H), 2.42 – 2.33 (m, 1H), 2.23 – 2.15 (m, 1H).
177		LC-MS (Method L2): Rt = 3.51 min; m/z = 478 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.91 (s, 1H), 7.78 (dd, J = 9.9, 2.9 Hz, 1H), 7.48 (dd, J = 8.6, 2.9 Hz, 1H), 7.30 (d, J = 7.7 Hz, 1H), 7.24 – 7.13 (m, 3H), 7.04 (d, J = 7.4 Hz, 1H), 6.94 (td, J = 7.5, 1.2 Hz, 1H), 6.91 – 6.84 (m, 2H), 5.41 – 5.34 (m, 1H), 4.39 – 4.32 (m, 1H), 4.24 – 4.16 (m, 1H), 3.11 (s, 6H), 2.44 – 2.35 (m, 1H), 2.25 – 2.17 (m, 1H).
178		LC-MS (Method L2): Rt = 3.73 min; m/z = 494 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.90 (s, 1H), 7.77 (dd, J = 9.9, 2.9 Hz, 1H), 7.47 (dd, J = 8.6, 2.9 Hz, 1H), 7.40 (s, 1H), 7.32 – 7.24 (m, 2H), 7.24 – 7.18 (m, 1H), 7.15 (dt, J = 8.4, 2.1 Hz, 1H), 7.05 (d, J = 7.5 Hz, 1H), 6.93 (td, J = 7.5, 1.1 Hz, 1H), 6.86 (dd, J = 8.3, 0.9 Hz, 1H), 5.40 – 5.33 (m, 1H), 4.38 – 4.31 (m, 1H), 4.23 – 4.16 (m, 1H), 3.10 (s, 6H), 2.44 – 2.34 (m, 1H), 2.25 – 2.16 (m, 1H).
179		LC-MS (Method L2): Rt = 3.63 min; m/z = 494 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.88 (s, 1H), 7.80 (dd, J = 10.0, 2.9 Hz, 1H), 7.48 (dd, J = 8.3, 2.8 Hz, 1H), 7.44 – 7.35 (m, 2H), 7.28 (d, J = 7.8 Hz, 1H), 7.23 – 7.17 (m, 1H), 7.13 (t, J = 8.9 Hz, 1H), 7.04 (d, J = 7.4 Hz, 1H), 6.92 (td, J = 7.5, 1.1 Hz, 1H), 6.86 (dd, J = 8.3, 1.0 Hz, 1H), 5.39 – 5.33 (m, 1H), 4.38 – 4.30 (m, 1H), 4.22 – 4.14 (m, 1H), 3.11 (s, 6H), 2.43 – 2.34 (m, 1H), 2.24 – 2.16 (m, 1H).
180		LC-MS (Method L2): Rt = 3.34 min; m/z = 494 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.87 (s, 1H), 7.81 (dd, J = 10.0, 2.9 Hz, 1H), 7.41 (dd, J = 8.3, 2.9 Hz, 1H), 7.34 – 7.26 (m, 3H), 7.23 – 7.18 (m, 1H), 7.12 – 7.00 (m, 2H), 6.92 (td, J = 7.5, 1.2 Hz, 1H), 6.86 (dd, J = 8.3, 1.1 Hz, 1H), 5.40 – 5.33 (m, 1H), 4.38 – 4.30 (m, 1H), 4.22 – 4.14 (m, 1H), 3.12 (s, 6H), 2.43 – 2.34 (m, 1H), 2.24 – 2.15 (m, 1H).

181		LC-MS (Method L1): Rt = 1.37 min; MS (ESIpos): m/z = 550 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.14), 0.008 (1.84), 1.356 (0.66), 2.056 (0.64), 2.064 (0.68), 2.075 (0.73), 2.091 (1.03), 2.099 (0.87), 2.106 (0.63), 2.192 (0.43), 2.201 (0.68), 2.213 (0.94), 2.225 (0.91), 2.235 (0.85), 2.247 (0.57), 2.255 (0.46), 2.523 (1.40), 2.899 (3.69), 3.449 (0.46), 3.461 (0.72), 3.480 (2.72), 3.492 (5.13), 3.504 (4.92), 3.515 (2.44), 3.535 (0.65), 4.230 (0.50), 4.251 (1.50), 4.259 (1.25), 4.272 (2.17), 4.281 (2.06), 4.298 (1.28), 4.317 (0.47), 5.241 (0.65), 5.255 (1.41), 5.274 (1.39), 5.288 (0.61), 6.792 (2.63), 6.810 (2.75), 6.812 (2.85), 6.918 (1.30), 6.921 (1.35), 6.937 (2.66), 6.939 (2.66), 6.955 (1.62), 6.958 (1.57), 7.156 (1.35), 7.160 (1.44), 7.177 (2.18), 7.194 (1.07), 7.198 (1.05), 7.389 (2.31), 7.407 (2.12), 7.632 (5.83), 7.636 (16.00), 7.638 (8.92), 7.689 (1.90), 7.707 (2.69), 7.710 (2.47), 7.728 (2.42), 7.832 (3.00), 7.835 (3.26), 7.850 (2.42), 7.853 (2.35), 8.260 (2.52), 8.263 (2.63), 8.281 (2.36), 8.284 (2.26), 8.718 (9.84), 9.157 (2.51), 9.177 (2.41).
182	3,3	LC-MS (Method L1): Rt = 1.08 min; MS (ESIpos): m/z = 578 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.74), 0.008 (0.62), 1.407 (16.00), 2.086 (0.51), 2.523 (0.47), 4.258 (0.40), 4.268 (1.03), 4.283 (0.99), 4.289 (0.91), 4.297 (0.51), 4.305 (0.58), 6.787 (0.59), 6.806 (0.68), 6.893 (0.65), 7.167 (0.52), 7.328 (0.53), 7.347 (0.50), 7.578 (0.54), 7.599 (0.48), 7.611 (0.71), 7.615 (0.79), 7.626 (2.75), 7.631 (1.63), 7.769 (0.69), 7.787 (0.59), 8.210 (0.42), 8.334 (0.53), 8.355 (0.50), 8.579 (1.74), 9.051 (0.51), 9.072 (0.50).
183	6	LC-MS (Method L1): Rt = 1.49 min; MS (ESIpos): m/z = 592 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.431 (16.00), 3.042 (4.04), 3.948 (2.03), 4.284 (0.56), 6.792 (0.61), 6.811 (0.68), 6.911 (0.63), 7.173 (0.49), 7.354 (0.52), 7.373 (0.48), 7.644 (7.05), 7.683 (0.45), 7.701 (0.62), 7.722 (0.55), 7.837 (0.68), 7.840 (0.68), 7.855 (0.56), 7.858 (0.51), 8.350 (0.60), 8.353 (0.58), 8.371 (0.56), 8.374 (0.52), 8.763 (2.16), 9.234 (0.57), 9.254 (0.55).
184	3	LC-MS (Method L1): Rt = 0.95 min; MS (ESIpos): m/z = 506 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (1.32), 0.912 (7.39), 0.931 (16.00), 0.949 (7.79), 1.634 (0.73), 1.652 (2.85), 1.670 (5.25), 1.688 (5.08), 1.706 (2.51), 1.725 (0.52), 2.008 (0.45), 2.024 (0.86), 2.033 (1.06), 2.042 (1.11), 2.058 (1.52), 2.068 (1.52), 2.086 (3.21), 2.126 (0.70), 2.138 (1.27), 2.155 (1.51), 2.167 (1.10), 2.178 (0.76), 2.328 (0.44), 2.523 (2.24), 2.670 (0.48), 3.451 (1.52), 3.468 (3.30), 3.476 (3.00), 3.482 (2.99), 3.489 (3.03), 3.506 (1.25), 4.235 (0.77), 4.253 (2.65), 4.268 (4.11), 4.278 (3.48), 4.286 (2.21), 4.306 (0.49), 5.236 (1.01), 5.251 (2.08), 5.269 (1.99), 5.284 (0.85), 5.754 (0.58), 6.782 (3.55), 6.803 (3.93), 6.880 (1.99), 6.899 (3.97), 6.917 (2.28), 7.141 (1.96), 7.145 (1.96), 7.162 (3.10), 7.180 (1.49), 7.287 (3.39), 7.305 (3.06), 7.516 (2.25), 7.535 (3.39), 7.555 (2.58), 7.600 (3.94), 7.605 (3.48), 7.621 (14.17), 7.626 (9.44), 7.732 (4.27), 7.750 (3.54), 7.951 (2.25), 8.412 (3.35), 8.433 (3.11), 8.535 (9.75), 8.986 (3.00), 9.006 (2.85).
185	2	LC-MS (Method L1): Rt = 0.72 min; MS (ESIneg): m/z = 505 [M-H]-	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.108 (4.30), 1.783 (2.07), 1.917 (2.11), 1.930 (1.65), 2.075 (1.64), 2.086 (5.94), 2.156 (1.41), 2.171 (1.60), 2.185 (1.08), 2.328 (0.70), 2.366 (0.42), 2.670 (0.85), 2.709 (0.44), 2.752 (4.01), 2.770 (0.64), 2.789 (0.58), 2.994 (3.16), 3.009 (6.19), 3.024 (3.45), 3.168 (0.68), 3.417 (1.38), 3.527 (1.42), 3.731 (1.06), 4.266 (4.94), 5.247 (2.07), 5.260 (1.94), 5.754 (8.83), 6.786 (3.64), 6.806 (4.14), 6.897 (1.83), 6.916 (3.84), 6.934 (2.23), 7.150 (1.96), 7.167 (3.21), 7.186 (1.56), 7.323 (3.41), 7.341 (3.12), 7.540 (2.24), 7.559 (3.64), 7.579 (2.41), 7.611 (7.22), 7.617 (16.00), 7.746 (4.79), 7.763 (4.88), 8.346 (1.16), 8.400 (0.60), 8.421 (3.41), 8.442 (3.22), 8.513 (7.91), 8.538 (1.10), 9.052 (1.55), 9.069 (1.55).

186		LC-MS (Method L1): Rt = 0.80 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.48), 0.008 (3.60), 0.146 (0.48), 1.140 (6.02), 1.235 (0.55), 1.889 (1.18), 2.031 (2.12), 2.051 (2.52), 2.063 (2.18), 2.073 (1.69), 2.116 (2.61), 2.156 (1.44), 2.170 (1.66), 2.186 (0.98), 2.206 (0.83), 2.327 (1.00), 2.366 (0.43), 2.669 (1.05), 2.710 (0.52), 3.475 (2.09), 3.503 (2.40), 3.737 (1.58), 3.759 (1.14), 3.813 (0.91), 3.835 (1.75), 3.865 (2.04), 3.877 (2.60), 3.892 (1.74), 3.903 (1.61), 4.254 (3.26), 4.266 (5.15), 4.280 (3.06), 4.366 (2.18), 4.538 (0.55), 5.032 (2.78), 5.207 (0.85), 5.221 (1.83), 5.241 (1.89), 5.255 (0.85), 6.781 (3.54), 6.801 (4.00), 6.891 (1.71), 6.910 (3.70), 6.929 (2.12), 7.145 (1.81), 7.162 (2.90), 7.183 (1.41), 7.305 (3.14), 7.324 (2.84), 7.464 (2.18), 7.482 (3.14), 7.503 (2.58), 7.606 (4.72), 7.610 (4.81), 7.621 (16.00), 7.625 (9.59), 7.706 (3.90), 7.724 (3.35), 8.133 (13.65), 8.279 (3.24), 8.299 (3.04), 8.434 (10.50), 9.044 (3.03), 9.065 (2.98), 12.729 (0.68).
187		LC-MS (Method L1): Rt = 0.80 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.83), -0.008 (7.47), 0.008 (6.76), 0.146 (0.89), 1.235 (0.41), 1.260 (2.01), 1.335 (2.31), 1.901 (1.24), 2.005 (1.48), 2.017 (2.25), 2.028 (2.37), 2.040 (2.49), 2.049 (2.61), 2.085 (0.53), 2.149 (1.42), 2.167 (1.24), 2.185 (1.19), 2.200 (0.89), 2.327 (1.36), 2.366 (0.83), 2.523 (4.80), 2.670 (1.60), 2.710 (1.07), 3.501 (1.84), 3.527 (2.07), 3.732 (1.54), 3.780 (1.01), 3.800 (1.78), 3.821 (1.54), 3.852 (1.72), 3.862 (1.78), 3.879 (1.54), 3.889 (1.42), 4.258 (5.39), 4.270 (3.32), 4.374 (2.31), 5.029 (3.67), 5.037 (3.61), 5.197 (0.89), 5.212 (2.01), 5.231 (2.07), 5.246 (0.95), 5.753 (8.18), 6.782 (3.61), 6.803 (4.09), 6.895 (1.84), 6.913 (3.97), 6.932 (2.31), 7.147 (1.96), 7.165 (3.20), 7.182 (1.60), 7.310 (3.38), 7.328 (3.08), 7.463 (1.72), 7.483 (2.79), 7.503 (2.13), 7.609 (3.08), 7.621 (16.00), 7.625 (9.84), 7.709 (3.67), 7.725 (3.20), 8.132 (2.01), 8.276 (3.08), 8.297 (2.90), 8.428 (6.76), 9.044 (2.37), 9.065 (2.37), 12.724 (0.71).
188	4,5	LC-MS (Method L1): Rt = 1.18 min; MS (ESIneg): m/z = 514 [M-H]-	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.51), 0.008 (2.40), 1.778 (0.76), 1.789 (0.83), 1.806 (1.00), 1.999 (0.94), 2.012 (0.94), 2.020 (0.92), 2.034 (0.71), 2.327 (0.91), 2.670 (1.00), 4.034 (0.75), 4.055 (1.64), 4.076 (1.16), 4.161 (1.16), 4.171 (1.05), 4.179 (1.30), 4.198 (0.76), 5.017 (0.70), 5.031 (1.46), 5.050 (1.46), 5.065 (0.67), 5.754 (0.43), 6.746 (2.94), 6.766 (3.26), 6.848 (1.33), 6.868 (2.92), 6.885 (1.86), 7.049 (2.67), 7.066 (2.16), 7.127 (1.46), 7.148 (2.40), 7.165 (1.19), 7.419 (2.81), 7.438 (3.05), 7.721 (4.19), 7.724 (6.58), 7.730 (16.00), 7.734 (7.25), 7.816 (2.30), 7.835 (3.08), 7.856 (2.38), 8.049 (3.13), 8.052 (3.29), 8.067 (2.75), 8.136 (6.83), 8.138 (6.75), 8.649 (6.74), 8.652 (6.63), 9.105 (2.64), 9.125 (2.56), 9.233 (10.60).
189	5	LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 534 [M+H]+	1H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.12 - 9.22 (m, 2H), 8.35 (s, 2H), 8.03 (dd, 1H), 7.88 - 7.96 (m, 1H), 7.79 - 7.88 (m, 1H), 7.67 - 7.76 (m, 2H), 7.25 (d, 1H), 7.11 - 7.20 (m, 1H), 6.88 - 6.97 (m, 1H), 6.76 (d, 1H), 5.01 - 5.13 (m, 1H), 4.07 - 4.28 (m, 2H), 2.02 - 2.15 (m, 1H), 1.94 (dtd, 1H).
190		LC-MS (Method L1): Rt = 1.11 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.34), 0.008 (11.80), 0.146 (1.34), 1.234 (0.47), 2.050 (1.17), 2.058 (1.31), 2.072 (1.34), 2.085 (1.95), 2.210 (1.70), 2.222 (1.64), 2.231 (1.56), 2.245 (1.09), 2.327 (1.39), 2.366 (0.75), 2.523 (4.79), 2.669 (1.47), 2.710 (0.78), 3.060 (0.45), 3.162 (0.56), 3.174 (0.58), 3.249 (1.59), 3.269 (5.20), 3.280 (11.55), 3.291 (13.72), 3.864 (8.68), 3.875 (14.11), 3.886 (8.04), 4.223 (0.95), 4.244 (2.73), 4.252 (2.17), 4.265 (3.56), 4.293 (2.25), 4.312 (0.81), 5.245 (1.11), 5.259 (2.50), 5.277 (2.50), 5.292 (1.09), 5.754 (0.53), 6.788 (4.59), 6.809 (5.04), 6.917 (2.25), 6.933 (4.79), 6.952 (2.87), 7.157 (2.56), 7.175 (4.03), 7.192 (1.98), 7.377 (4.26), 7.395 (4.01), 7.484 (3.14), 7.506 (6.04), 7.528 (4.70), 7.586 (2.67), 7.591 (2.98), 7.598 (2.95), 7.603 (3.09), 7.612 (2.11), 7.619 (1.89), 7.625 (1.92), 7.673 (3.28), 7.691 (4.84), 7.712 (4.31), 7.796 (8.77), 7.815 (7.35), 8.253 (4.51), 8.256 (4.54), 8.274 (4.20), 8.419 (0.42), 8.679 (16.00), 9.157 (4.45), 9.177 (4.29).

191		LC-MS (Method L1): Rt = 1.14 min; MS (ESIpos): m/z = 536 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 3.284 (1.86), 3.296 (2.09), 3.310 (16.00), 3.864 (1.44), 3.875 (2.23), 3.886 (1.28), 4.236 (0.43), 4.260 (0.54), 5.248 (0.41), 6.782 (0.73), 6.802 (0.80), 6.924 (0.74), 6.941 (0.43), 7.168 (0.63), 7.364 (0.68), 7.383 (0.61), 7.593 (0.46), 7.617 (0.89), 7.641 (0.45), 7.675 (0.47), 7.688 (0.55), 7.695 (0.75), 7.706 (0.80), 7.714 (0.54), 7.726 (0.64), 7.774 (0.85), 7.790 (0.54), 8.295 (0.68), 8.313 (0.62), 8.626 (2.30), 9.156 (0.68), 9.176 (0.65).
192		LC-MS (Method L1): Rt = 1.25 min; MS (ESIpos): m/z = 552 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.73), 0.008 (0.67), 1.038 (0.70), 1.056 (1.42), 1.073 (0.73), 1.356 (16.00), 2.069 (0.41), 2.183 (2.23), 2.198 (0.40), 2.523 (0.65), 3.162 (5.24), 3.175 (5.43), 3.261 (1.01), 3.272 (2.30), 3.284 (2.43), 3.295 (1.34), 3.862 (1.80), 3.873 (3.10), 3.884 (1.73), 4.062 (0.46), 4.075 (1.30), 4.088 (1.26), 4.101 (0.43), 4.231 (0.62), 4.238 (0.48), 4.252 (0.64), 4.259 (0.79), 4.267 (0.64), 4.274 (0.50), 4.283 (0.53), 4.335 (0.42), 5.238 (0.57), 5.257 (0.58), 6.631 (0.75), 6.784 (1.09), 6.802 (1.21), 6.870 (1.34), 6.902 (0.56), 6.905 (0.54), 6.921 (1.16), 6.939 (0.71), 6.942 (0.64), 7.148 (0.56), 7.152 (0.59), 7.169 (0.92), 7.187 (0.45), 7.190 (0.45), 7.362 (0.95), 7.381 (0.90), 7.502 (2.90), 7.506 (3.06), 7.636 (0.78), 7.659 (1.54), 7.682 (0.86), 7.688 (1.02), 7.693 (1.74), 7.698 (0.87), 8.319 (0.77), 8.334 (0.82), 8.342 (0.81), 8.358 (0.73), 8.680 (4.09), 9.152 (1.05), 9.172 (1.01).
193		LC-MS (Method L6): Rt = 1.46 min; MS (ESIpos): m/z = 552 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.61), -0.008 (8.00), 0.008 (5.20), 0.146 (0.61), 1.903 (1.83), 2.018 (3.13), 2.029 (3.53), 2.040 (3.33), 2.050 (3.82), 2.156 (2.07), 2.170 (2.36), 2.185 (1.71), 2.327 (2.03), 2.366 (1.50), 2.518 (10.92), 2.523 (9.71), 2.669 (2.07), 2.710 (1.58), 3.472 (1.54), 3.499 (2.56), 3.523 (1.34), 3.736 (2.19), 3.833 (1.71), 3.863 (2.48), 3.876 (2.52), 3.892 (1.83), 4.257 (5.69), 4.266 (6.05), 4.370 (3.09), 5.029 (4.51), 5.220 (2.48), 5.754 (1.38), 6.783 (4.95), 6.802 (5.28), 6.894 (2.88), 6.913 (5.20), 6.931 (3.01), 7.146 (2.80), 7.164 (4.35), 7.184 (1.99), 7.307 (4.39), 7.326 (3.78), 7.461 (2.19), 7.480 (3.49), 7.500 (2.36), 7.721 (4.75), 7.739 (4.06), 7.789 (16.00), 7.805 (15.51), 8.275 (3.57), 8.297 (3.25), 8.439 (5.32), 9.042 (3.25), 9.063 (3.09).
194		LC-MS (Method L6): Rt = 1.37 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.150 (0.76), 1.243 (1.14), 1.862 (2.65), 1.904 (3.87), 2.034 (6.99), 2.142 (4.04), 2.157 (4.55), 2.327 (2.86), 2.365 (1.05), 2.668 (3.16), 2.689 (9.05), 2.709 (1.60), 2.889 (0.97), 3.508 (3.16), 3.741 (3.75), 3.873 (5.09), 4.249 (14.53), 4.384 (6.23), 5.049 (4.97), 5.203 (5.26), 5.754 (16.00), 6.770 (9.35), 6.791 (10.32), 6.876 (5.64), 6.895 (11.49), 6.912 (6.48), 7.135 (5.73), 7.153 (8.80), 7.172 (4.63), 7.286 (10.78), 7.305 (12.25), 7.422 (4.88), 7.494 (4.88), 7.537 (6.19), 7.663 (5.05), 8.133 (2.95), 8.331 (10.27), 9.031 (3.83).
195		LC-MS (Method L1): Rt = 0.75 min; MS (ESIpos): m/z = 536 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.44), -0.008 (12.33), 0.008 (10.95), 0.146 (1.32), 1.258 (0.72), 1.902 (4.39), 2.034 (9.32), 2.148 (5.11), 2.164 (5.71), 2.180 (4.39), 2.197 (3.67), 2.327 (4.99), 2.366 (2.71), 2.523 (12.27), 2.670 (4.75), 2.689 (1.26), 2.709 (1.98), 2.812 (0.78), 3.509 (4.03), 3.745 (4.09), 3.874 (7.82), 4.257 (16.00), 4.376 (6.92), 5.037 (7.10), 5.221 (6.32), 5.754 (14.80), 6.777 (11.31), 6.797 (12.27), 6.882 (7.64), 6.901 (15.28), 6.919 (8.84), 7.142 (6.86), 7.159 (10.83), 7.178 (5.23), 7.292 (12.75), 7.311 (11.49), 7.493 (5.29), 7.585 (5.23), 7.664 (9.26), 8.132 (2.05), 8.320 (6.26), 8.361 (10.23), 9.030 (4.45).
196		LC-MS (Method L1): Rt = 0.74 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.87), 1.913 (2.01), 2.048 (3.88), 2.170 (2.51), 2.327 (1.94), 2.523 (5.82), 2.669 (1.97), 3.516 (1.51), 3.868 (2.41), 4.265 (7.06), 4.377 (3.51), 5.044 (3.01), 5.223 (2.74), 5.754 (16.00), 6.784 (6.46), 6.803 (6.93), 6.892 (3.08), 6.910 (6.43), 6.928 (3.88), 7.147 (3.25), 7.164 (5.12), 7.183 (2.68), 7.301 (4.92), 7.320 (4.62), 7.492 (5.12), 7.567 (3.68), 7.579 (3.75), 7.684 (3.48), 7.701 (3.18), 7.779 (5.82), 7.784 (5.72), 7.798 (5.82), 7.803 (5.62), 8.131 (2.91), 8.260 (2.74), 8.409 (3.45), 9.059 (1.97).

197	LC-MS (Method L1): Rt = 0.93 min; MS (ESIpos): m/z = 494 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (0.53), 2.055 (0.47), 2.182 (0.43), 2.194 (0.43), 2.523 (1.20), 3.072 (16.00), 4.234 (0.76), 4.241 (0.67), 4.253 (1.11), 4.261 (1.14), 4.276 (0.61), 5.233 (0.66), 5.253 (0.62), 5.754 (0.79), 6.781 (1.22), 6.799 (1.31), 6.895 (0.67), 6.914 (1.23), 6.933 (0.72), 7.147 (0.66), 7.164 (0.99), 7.182 (0.48), 7.342 (1.07), 7.361 (0.96), 7.586 (0.87), 7.609 (1.65), 7.634 (1.59), 7.652 (1.37), 7.668 (1.04), 7.673 (1.40), 7.687 (1.16), 7.707 (0.85), 7.733 (1.36), 7.747 (0.90), 8.252 (1.19), 8.256 (1.15), 8.273 (1.10), 8.558 (4.01), 9.072 (1.07), 9.092 (0.99).
198	LC-MS (Method L1): Rt = 1.17 min; MS (ESIpos): m/z = 506 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.98), 0.008 (2.20), 1.031 (16.00), 1.046 (15.86), 2.114 (0.42), 2.123 (0.49), 2.130 (0.48), 2.180 (0.43), 2.207 (0.73), 2.231 (0.54), 2.290 (0.86), 2.524 (0.71), 2.599 (7.81), 2.716 (2.57), 2.767 (1.36), 2.782 (4.28), 3.063 (13.77), 3.096 (5.64), 3.118 (5.22), 3.128 (2.34), 3.758 (0.72), 3.774 (0.93), 3.789 (0.67), 4.223 (0.45), 4.234 (0.63), 4.240 (0.73), 4.263 (1.22), 4.268 (1.11), 4.291 (0.83), 4.347 (0.83), 4.356 (1.15), 4.374 (0.55), 4.384 (0.64), 6.029 (0.51), 6.045 (0.60), 6.054 (0.62), 6.070 (0.47), 6.750 (0.57), 6.770 (0.61), 6.816 (1.14), 6.836 (1.59), 6.854 (0.46), 6.942 (0.62), 6.952 (0.92), 6.970 (1.59), 6.989 (0.90), 7.088 (0.43), 7.162 (1.02), 7.181 (1.47), 7.200 (0.67), 7.303 (1.07), 7.322 (0.94), 7.359 (0.50), 7.378 (0.44), 7.584 (1.50), 7.588 (2.38), 7.600 (0.65), 7.604 (0.60), 7.623 (0.60), 7.641 (2.51), 7.645 (2.60), 7.653 (1.17), 7.674 (6.23), 7.678 (4.23), 7.684 (1.61), 7.760 (0.60), 7.763 (0.61), 7.778 (0.49), 7.781 (0.49), 7.810 (1.91), 7.828 (1.43), 8.233 (1.73), 8.252 (1.81), 8.270 (0.45), 8.621 (1.03), 8.626 (0.75), 8.649 (1.42), 8.685 (3.00).
199	LC-MS (Method L1): Rt = 1.47 min; MS (ESIpos): m/z = 554 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.524 (0.76), 1.830 (0.77), 1.842 (0.85), 2.669 (0.44), 3.368 (16.00), 3.946 (0.56), 3.970 (1.28), 3.993 (1.00), 4.034 (1.18), 4.049 (1.17), 4.939 (1.39), 4.958 (1.38), 5.753 (0.43), 6.593 (3.28), 6.613 (3.44), 6.720 (2.29), 6.740 (2.71), 6.751 (1.49), 6.769 (2.88), 6.792 (2.81), 6.811 (1.48), 6.997 (1.58), 7.015 (1.39), 7.099 (1.40), 7.123 (3.83), 7.142 (4.69), 7.163 (2.24), 7.676 (2.67), 7.680 (2.28), 7.686 (2.02), 7.707 (3.17), 7.716 (8.16), 7.721 (7.33), 7.909 (2.73), 7.925 (2.29), 7.963 (2.59), 7.984 (2.17), 8.892 (2.25), 8.912 (2.12), 8.993 (6.13).
200	LC-MS (Method L1): Rt = 1.14 min; MS (ESIpos): m/z = 552 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.45), -0.008 (4.14), 0.008 (3.74), 0.146 (0.49), 1.157 (4.28), 1.175 (8.62), 1.192 (4.37), 1.237 (1.13), 1.398 (6.32), 1.988 (16.00), 2.019 (1.27), 2.040 (1.53), 2.054 (1.76), 2.073 (1.64), 2.191 (1.72), 2.204 (1.64), 2.213 (1.69), 2.227 (1.15), 2.327 (1.34), 2.366 (0.92), 2.522 (4.51), 2.669 (1.41), 2.710 (0.92), 3.247 (1.22), 3.265 (2.51), 3.295 (9.16), 3.874 (12.08), 4.002 (1.25), 4.020 (3.83), 4.038 (3.76), 4.056 (1.29), 4.200 (0.85), 4.224 (2.40), 4.249 (3.43), 4.258 (2.82), 4.275 (2.47), 5.230 (2.35), 5.245 (2.44), 5.754 (7.59), 6.774 (5.36), 6.795 (5.92), 6.887 (2.61), 6.905 (5.47), 6.924 (3.27), 7.142 (2.89), 7.159 (4.46), 7.177 (2.21), 7.181 (2.21), 7.344 (6.79), 7.360 (6.16), 7.363 (7.33), 7.370 (3.55), 7.374 (2.84), 7.389 (3.59), 7.393 (3.43), 7.452 (2.96), 7.466 (3.38), 7.472 (4.89), 7.485 (5.24), 7.491 (2.68), 7.505 (2.61), 7.646 (3.76), 7.669 (6.51), 7.691 (3.88), 7.734 (6.13), 7.737 (6.30), 7.754 (5.36), 7.757 (5.12), 8.341 (3.74), 8.356 (3.99), 8.364 (3.95), 8.380 (3.64), 8.604 (9.75), 8.612 (10.24), 9.143 (2.98), 9.149 (3.15), 9.163 (2.98), 9.170 (2.96).

201		LC-MS (Method L1): Rt = 1.08 min; MS (ESIpos): m/z = 554 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.72), 0.008 (2.48), 2.030 (0.56), 2.039 (0.58), 2.051 (0.60), 2.066 (0.88), 2.073 (0.77), 2.086 (3.11), 2.181 (0.62), 2.193 (0.79), 2.205 (0.79), 2.215 (0.72), 2.227 (0.47), 2.327 (0.60), 2.332 (0.43), 2.523 (1.88), 2.559 (1.25), 2.578 (1.51), 2.596 (1.97), 2.614 (1.49), 2.634 (0.95), 2.651 (0.54), 2.665 (0.50), 2.669 (0.65), 2.674 (0.47), 3.710 (1.27), 3.720 (1.53), 3.728 (2.20), 3.737 (2.18), 3.744 (1.48), 3.755 (1.21), 3.845 (1.98), 3.877 (3.98), 3.909 (1.91), 4.223 (0.41), 4.244 (1.29), 4.252 (1.09), 4.264 (1.96), 4.272 (2.19), 4.287 (1.15), 4.306 (0.42), 5.237 (0.54), 5.251 (1.20), 5.271 (1.20), 5.285 (0.52), 5.754 (4.52), 6.792 (2.31), 6.810 (2.55), 6.812 (2.55), 6.904 (1.13), 6.907 (1.12), 6.923 (2.38), 6.942 (1.43), 6.944 (1.35), 7.156 (1.18), 7.160 (1.25), 7.177 (1.91), 7.195 (0.96), 7.199 (0.91), 7.355 (1.97), 7.373 (1.85), 7.638 (16.00), 7.657 (0.42), 7.664 (1.80), 7.682 (2.37), 7.685 (2.13), 7.703 (2.16), 7.834 (2.60), 7.837 (2.71), 7.852 (2.23), 7.855 (2.07), 8.237 (2.33), 8.240 (2.34), 8.258 (2.24), 8.261 (2.06), 8.688 (8.85), 9.217 (2.14), 9.237 (2.09).
202		LC-MS (Method L1): Rt = 1.04 min; MS (ESIpos): m/z = 533 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.84), -0.008 (8.37), 0.008 (8.34), 0.146 (0.90), 0.994 (0.52), 1.236 (1.34), 1.336 (0.57), 1.782 (1.25), 1.916 (1.25), 2.327 (1.74), 2.366 (1.09), 2.670 (1.88), 2.710 (1.09), 2.765 (2.18), 2.781 (4.28), 2.797 (2.15), 3.963 (0.87), 3.984 (2.07), 4.006 (1.34), 4.111 (1.55), 4.873 (1.80), 4.888 (3.60), 4.905 (2.43), 4.921 (1.58), 4.936 (1.88), 4.953 (1.31), 6.688 (3.46), 6.709 (3.87), 6.716 (1.80), 6.735 (3.46), 6.754 (2.51), 6.856 (3.41), 6.875 (2.53), 7.058 (1.66), 7.079 (2.70), 7.097 (1.53), 7.614 (11.50), 7.618 (16.00), 7.636 (4.99), 7.641 (5.42), 7.657 (1.20), 7.680 (1.61), 7.743 (1.77), 7.761 (4.12), 7.781 (3.76), 7.798 (4.58), 7.812 (2.21), 8.383 (2.67), 8.403 (2.70), 8.563 (2.67), 8.580 (2.43), 8.662 (0.57), 9.033 (11.99), 11.367 (0.60).
203		LC-MS (Method L4): Rt = 3.85 min; MS (ESIpos): m/z = 582 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (2.46), 2.064 (0.79), 2.071 (0.81), 2.084 (0.92), 2.099 (1.21), 2.206 (0.83), 2.218 (1.14), 2.230 (1.08), 2.240 (1.07), 2.252 (0.73), 2.327 (0.63), 2.522 (1.85), 2.669 (0.67), 3.484 (3.25), 3.654 (5.30), 3.666 (4.89), 4.223 (0.66), 4.244 (1.80), 4.251 (1.36), 4.265 (1.77), 4.272 (2.23), 4.282 (1.77), 4.297 (1.50), 4.316 (0.61), 5.240 (0.78), 5.254 (1.76), 5.273 (1.72), 5.287 (0.74), 5.754 (1.31), 6.794 (3.28), 6.814 (3.60), 6.920 (1.57), 6.937 (3.30), 6.955 (1.94), 7.160 (1.66), 7.163 (1.71), 7.181 (2.72), 7.198 (1.33), 7.392 (2.85), 7.409 (2.68), 7.635 (8.69), 7.639 (16.00), 7.647 (5.36), 7.652 (4.23), 7.707 (2.28), 7.725 (3.22), 7.746 (2.80), 7.872 (3.73), 7.887 (2.92), 8.399 (3.12), 8.417 (2.89), 8.770 (11.57), 9.239 (3.04), 9.260 (2.96).
204		LC-MS (Method L1): Rt = 0.83 min; MS (ESIpos): m/z = 508 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.150 (1.38), -0.008 (13.30), 0.008 (13.66), 0.146 (1.50), 1.235 (1.56), 2.049 (1.20), 2.076 (1.68), 2.206 (1.50), 2.217 (1.62), 2.226 (1.44), 2.322 (2.70), 2.327 (3.60), 2.331 (2.70), 2.366 (2.52), 2.522 (13.90), 2.664 (3.00), 2.669 (3.84), 2.674 (2.88), 2.709 (2.46), 3.218 (3.96), 3.241 (9.11), 3.262 (8.45), 3.273 (10.25), 3.285 (11.63), 3.858 (7.85), 3.870 (13.30), 3.881 (7.43), 4.223 (0.72), 4.243 (2.64), 4.251 (2.10), 4.264 (3.90), 4.273 (3.96), 4.289 (2.16), 4.381 (4.85), 4.403 (9.65), 4.425 (4.67), 5.240 (1.02), 5.255 (2.40), 5.275 (2.34), 5.288 (0.96), 5.753 (2.76), 6.784 (4.43), 6.802 (4.91), 6.871 (3.66), 6.890 (7.49), 6.909 (5.87), 6.923 (4.73), 6.942 (2.82), 7.109 (4.55), 7.127 (3.90), 7.151 (2.46), 7.168 (3.78), 7.186 (1.92), 7.237 (4.19), 7.256 (3.78), 7.363 (4.01), 7.382 (3.72), 7.618 (2.64), 7.636 (5.21), 7.657 (5.27), 7.674 (5.69), 7.678 (6.05), 7.692 (3.06), 7.696 (2.52), 8.202 (4.25), 8.206 (4.07), 8.223 (3.90), 8.227 (3.54), 8.583 (16.00), 9.155 (4.25), 9.176 (4.13).
205		LC-MS (Method L2):Rt = 3.94 min; m/z = 568/570 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.83 (s, 1H), 8.20 (d, J = 9.1 Hz, 1H), 7.67 – 7.63 (m, 1H), 7.56 (dd, J = 8.0, 1.5 Hz, 1H), 7.34 (td, J = 7.8, 2.5 Hz, 1H), 7.25 (d, J = 7.7 Hz, 1H), 7.23 – 7.12 (m, 2H), 6.94 – 6.80 (m, 3H), 5.39 – 5.31 (m, 1H), 4.38 – 4

206		LC-MS (Method L2): Rt = 4.15 min; m/z = 568/570 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.85 (s, 1H), 8.17 (d, J = 9.1 Hz, 1H), 7.64 (d, J = 9.1 Hz, 1H), 7.43 (t, J = 1.9 Hz, 1H), 7.30 – 7.17 (m, 4H), 6.92 (td, J = 7.5, 1.2 Hz, 1H), 6.86 (dd, J = 8.3, 1.0 Hz, 1H), 6.80 (d, J = 7.4 Hz, 1H), 5.40 – 5.33 (m, 1H)
207		LC-MS (Method L2): Rt = 3.41 min; m/z = 526/528 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.84 (d, J = 1.7 Hz, 1H), 8.14 (dd, J = 9.1, 1.4 Hz, 1H), 7.62 (d, J = 9.2 Hz, 1H), 7.55 (dd, J = 8.1, 1.5 Hz, 1H), 7.34 (td, J = 7.8, 2.2 Hz, 1H), 7.26 (d, 1H), 7.23 – 7.14 (m, 2H), 6.94 – 6.83 (m, 3H), 5.38 – 5.31 (m, 1H
208		LC-MS (Method L2): Rt = 3.61 min; m/z = 526/528 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.83 (s, 1H), 8.09 (d, J = 9.1 Hz, 1H), 7.59 (d, J = 9.1 Hz, 1H), 7.42 (s, 1H), 7.32 – 7.15 (m, 4H), 6.97 – 6.82 (m, 3H), 5.33 (q, J = 5.2 Hz, 1H), 4.38 – 4.28 (m, 1H), 4.22 – 4.13 (m, 1H), 3.12 (s, 6H), 2.42 – 2.32 (m, 1H
209		LC-MS (Method L2): Rt = 3.85 min; m/z = 552/554 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.78 (d, J = 1.7 Hz, 1H), 7.57 – 7.50 (m, 2H), 7.32 – 7.17 (m, 5H), 6.94 – 6.77 (m, 3H), 5.40 – 5.33 (m, 1H), 4.38 – 4.30 (m, 1H), 4.22 – 4.14 (m, 1H), 3.91 – 3.80 (m, 4H), 3.44 – 3.31 (m, 4H), 2.44 – 2.33 (m, 1H), 2.25 –
210		LC-MS (Method L2): Rt = 4.13 min; m/z = 552/554 (M+H)+	^{1}H-NMR (400 MHz, Chloroform-d) δ 8.81 (s, 1H), 7.61 (dd, J = 8.1, 5.3 Hz, 1H), 7.47 – 7.36 (m, 3H), 7.32 – 7.18 (m, 3H), 6.93 (td, J = 7.5, 1.1 Hz, 1H), 6.86 (dd, J = 8.3, 1.0 Hz, 1H), 6.81 (d, J = 7.5 Hz, 1H), 5.41 – 5.33 (m, 1H), 4.40 – 4.32 (m, 1H), 4.
211		LC-MS (Method L2): Rt = 4.39 min, m/z = 568/570 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.24 (d, J = 8.0 Hz, 1H), 8.73 (s, 1H), 8.20 (d, J = 2.1 Hz, 1H), 7.92 (d, J = 2.1 Hz, 1H), 7.68 (s, 3H), 7.39 (d, J = 7.6 Hz, 1H), 7.18 (t, J = 7.4 Hz, 1H), 6.93 (t, J = 7.2 Hz, 1H), 6.80 (d, J = 8.1 Hz, 1H), 5.25 (d, J = 7.1
212		LC-MS (Method L2): Rt = 4.12 min, m/z = 568/570 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.22 (dd, J = 8.0, 5.3 Hz, 1H), 8.62 (d, J = 3.1 Hz, 1H), 8.22 (d, J = 2.4 Hz, 1H), 7.77 (d, J = 2.3 Hz, 1H), 7.73 (dd, J = 8.0, 1.6 Hz, 1H), 7.46 (td, J = 7.8, 4.5 Hz, 1H), 7.41 – 7.33 (m, 2H), 7.16 (t, J = 7.0 Hz, 1H), 6.91 (
213		LC-MS (Method L2): Rt = 3.75 min, m/z = 526/528 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.13 (dd, J = 8.1, 5.1 Hz, 1H), 8.54 (d, J = 1.5 Hz, 1H), 8.22 (d, J = 2.4 Hz, 1H), 7.74 – 7.69 (m, 2H), 7.45 (td, J = 7.8, 4.4 Hz, 1H), 7.41 – 7.31 (m, 2H), 7.20 – 7.12 (m, 1H), 6.90 (t, J = 7.5 Hz, 1H), 6.78 (dd, J = 8.2, 1.0
214		LC-MS (Method L2): Rt = 3.27 min, m/z = 548 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.21 (dd, J = 8.1, 5.5 Hz, 1H), 8.54 (d, J = 3.0 Hz, 1H), 7.67 (dd, J = 8.0, 1.6 Hz, 1H), 7.52 (d, J = 7.3 Hz, 1H), 7.49 – 7.34 (m, 3H), 7.33 – 7.26 (m, 1H), 7.16 (t, J = 7.7 Hz, 1H), 6.91 (t, J = 7.4 Hz, 1H), 6.79 (d, J = 8.1
215		LC-MS (Method L2): Rt = 3.56 min, m/z = 548 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.21 (d, J = 8.2 Hz, 1H), 8.62 (s, 1H), 7.68 (d, J = 7.4 Hz, 1H), 7.63 – 7.55 (m, 3H), 7.49 – 7.37 (m, 2H), 7.21 – 7.14 (m, 1H), 6.97 – 6.90 (m, 1H), 6.83 – 6.77 (m, 1H), 5.31 – 5.23 (m, 1H), 4.33 – 4.20 (m, 2H), 3.87 – 3.78 (m

216		LC-MS (Method L1): Rt = 0.94 min; MS (ESIpos): m/z = 565 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.326 (0.43), 3.568 (16.00), 3.897 (2.36), 3.910 (6.78), 3.954 (0.55), 4.259 (0.56), 5.263 (0.41), 6.778 (0.76), 6.798 (0.79), 6.909 (0.76), 6.928 (0.43), 7.141 (0.43), 7.162 (0.66), 7.359 (0.68), 7.379 (0.61), 7.754 (0.48), 7.771 (0.70), 7.792 (0.53), 7.952 (0.81), 7.970 (0.69), 8.151 (1.35), 8.356 (0.70), 8.378 (0.67), 8.396 (1.42), 8.590 (2.23), 8.803 (2.18), 9.184 (0.66), 9.205 (0.63).
217		LC-MS (Method L2): Rt = 3.04 min, m/z = 506 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.12 (d, J = 8.2 Hz, 1H), 8.59 (s, 1H), 7.67 (d, J = 7.4 Hz, 1H), 7.62 - 7.56 (m, 3H), 7.45 - 7.35 (m, 2H), 7.21 - 7.14 (m, 1H), 6.97 - 6.89 (m, 1H), 6.80 (dd, J = 8.2, 1.0 Hz, 1H), 5.30 - 5.21 (m, 1H), 4.33 - 4.20 (m, 2H), 2.
218		LC-MS (Method L2): Rt = 3.03 min, m/z = 506 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) : δ 9.11 (dd, J = 7.9, 5.8 Hz, 1H), 8.49 (d, J = 1.8 Hz, 1H), 7.66 (dd, J = 8.0, 1.6 Hz, 1H), 7.50 (d, J = 7.3 Hz, 1H), 7.45 - 7.38 (m, 2H), 7.35 (d, J = 6.8 Hz, 1H), 7.33 - 7.26 (m, 1H), 7.16 (t, J = 7.7 Hz, 1H), 6.91 (t, J = 7.
219		LC-MS (Method L6): Rt = 1.28 min; MS (ESIpos): m/z = 476 [M+H]+	^{1}H-NMR (600 MHz, DICHLOROMETHANE-d2) δ [ppm]: 2.505 (11.27), 3.076 (9.00), 3.332 (16.00), 4.248 (0.52), 4.262 (0.80), 5.254 (0.50), 6.784 (0.99), 6.797 (1.22), 6.915 (0.81), 6.927 (0.45), 7.055 (0.40), 7.071 (0.64), 7.148 (0.45), 7.161 (0.75), 7.343 (0.79), 7.356 (0.75), 7.625 (0.76), 7.643 (1.22), 8.223 (0.76), 8.237 (0.72), 8.548 (1.64), 9.091 (0.69), 9.104 (0.67), 10.063 (0.80).
220		LC-MS (Method L6): Rt = 1.86 min; MS (ESIpos): m/z = 498 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.32), 0.008 (3.21), 1.236 (0.84), 1.817 (10.47), 1.834 (9.96), 2.029 (1.50), 2.037 (1.62), 2.048 (1.70), 2.064 (2.32), 2.071 (2.04), 2.198 (1.99), 2.210 (1.96), 2.219 (1.89), 2.231 (1.34), 2.327 (0.87), 2.366 (0.64), 2.669 (0.92), 2.710 (0.59), 3.607 (1.18), 3.634 (0.65), 3.880 (16.00), 4.208 (0.97), 4.230 (2.88), 4.257 (4.12), 4.266 (3.48), 4.273 (2.88), 4.282 (2.93), 4.294 (1.13), 4.300 (1.21), 5.224 (1.35), 5.239 (3.07), 5.258 (3.05), 5.273 (1.35), 6.779 (5.76), 6.799 (6.47), 6.894 (2.26), 6.913 (4.68), 6.932 (2.70), 6.998 (2.00), 7.017 (4.09), 7.036 (2.35), 7.146 (3.37), 7.165 (5.23), 7.182 (3.02), 7.199 (4.41), 7.222 (3.20), 7.274 (2.47), 7.352 (5.14), 7.371 (4.90), 7.465 (0.67), 7.486 (0.43), 7.610 (3.69), 7.627 (5.66), 7.676 (4.79), 7.696 (5.53), 7.714 (3.21), 8.095 (0.41), 8.114 (0.45), 8.262 (5.39), 8.283 (5.12), 8.578 (14.71), 9.146 (2.67).
221		LC-MS (Method L6): Rt = 2.11 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.072 (1.74), 2.203 (1.62), 2.327 (1.90), 2.366 (1.16), 2.669 (2.05), 2.710 (1.47), 3.286 (11.07), 3.877 (14.20), 4.237 (2.72), 4.262 (3.40), 5.249 (2.54), 5.268 (2.69), 6.781 (4.77), 6.802 (5.41), 6.903 (2.42), 6.921 (5.14), 6.940 (2.97), 7.149 (2.63), 7.168 (3.98), 7.185 (2.05), 7.320 (3.24), 7.343 (6.52), 7.365 (7.89), 7.381 (3.79), 7.480 (3.06), 7.487 (4.62), 7.496 (3.43), 7.502 (4.47), 7.510 (2.88), 7.520 (3.15), 7.532 (2.66), 7.543 (2.57), 7.686 (2.75), 7.704 (4.93), 7.725 (4.83), 7.767 (5.66), 7.782 (3.55), 8.292 (4.37), 8.310 (4.10), 8.624 (16.00), 9.156 (4.28), 9.176 (4.41).
222		LC-MS (Method L6): Rt = 2.07 min; MS (ESIpos): m/z = 520 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (1.64), 2.023 (0.54), 2.038 (1.00), 2.046 (1.02), 2.058 (1.08), 2.073 (1.49), 2.081 (1.28), 2.088 (0.94), 2.184 (0.70), 2.193 (1.09), 2.205 (1.44), 2.217 (1.35), 2.227 (1.31), 2.240 (0.90), 2.248 (0.69), 2.327 (0.51), 2.366 (0.43), 2.669 (0.49), 3.259 (1.78), 3.278 (5.13), 3.289 (11.26), 3.301 (15.43), 3.312 (16.00), 3.867 (7.04), 3.878 (11.75), 3.889 (6.69), 4.209 (0.69), 4.216 (0.81), 4.237 (2.18), 4.245 (1.75), 4.264 (2.74), 4.271 (2.61), 4.287 (2.00), 4.306 (0.79), 5.236 (0.95), 5.250 (2.07), 5.269 (2.07), 5.283 (0.94), 6.783 (3.72), 6.803 (4.15), 6.814 (0.48), 6.906 (1.85), 6.924 (3.92), 6.942 (2.32), 7.148 (1.95), 7.152 (2.07), 7.169 (3.35), 7.190 (2.50), 7.200 (1.81), 7.208 (1.77), 7.222 (1.73), 7.369 (3.48), 7.387 (3.23), 7.562 (0.70), 7.570 (0.83), 7.578 (0.92), 7.585 (1.40), 7.598 (1.38), 7.606 (1.34), 7.611 (1.38), 7.619 (0.86), 7.626 (0.75), 7.634 (0.68), 7.707 (2.41), 7.725 (3.96), 7.746 (3.74), 7.799 (4.59), 7.814 (2.97), 8.285 (0.81), 8.314 (3.61), 8.317 (3.68), 8.335 (3.42), 8.338 (3.29), 8.650 (12.72), 8.724 (0.73), 9.169 (3.62), 9.189 (3.54).

223	LC-MS (Method L1): Rt = 0.70 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.175 (0.49), 1.863 (1.82), 1.911 (2.02), 2.036 (3.68), 2.085 (1.72), 2.163 (2.23), 2.198 (1.58), 2.327 (1.01), 2.669 (1.08), 2.709 (0.62), 3.163 (3.07), 3.174 (3.15), 3.529 (1.52), 3.655 (0.88), 3.763 (1.37), 3.882 (2.44), 4.089 (0.62), 4.170 (3.56), 4.256 (6.88), 4.379 (3.32), 5.049 (3.25), 5.211 (2.58), 5.753 (9.32), 6.777 (6.14), 6.796 (6.47), 6.881 (3.02), 6.900 (6.29), 6.918 (4.00), 7.140 (3.30), 7.158 (5.04), 7.175 (2.77), 7.293 (5.66), 7.311 (5.73), 7.328 (2.80), 7.349 (2.01), 7.502 (5.11), 7.651 (2.66), 8.133 (16.00), 8.321 (3.22), 8.355 (6.29), 8.737 (1.30), 9.047 (1.75), 12.596 (0.49).
224	LC-MS (Method L1): Rt = 0.79 min; MS (ESIpos): m/z = 523 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.93), 0.146 (0.80), 2.056 (2.10), 2.203 (2.12), 2.327 (1.92), 2.366 (1.27), 2.670 (2.02), 2.709 (1.14), 3.893 (16.00), 4.229 (3.13), 4.249 (4.61), 4.256 (4.76), 4.495 (1.40), 5.241 (2.87), 5.258 (2.80), 6.770 (4.84), 6.790 (5.39), 6.878 (2.36), 6.896 (5.10), 6.914 (3.06), 7.134 (2.59), 7.152 (4.45), 7.171 (2.20), 7.333 (4.66), 7.352 (4.38), 7.507 (4.66), 7.525 (7.95), 7.550 (6.37), 7.569 (7.48), 7.588 (3.21), 7.691 (2.72), 7.709 (5.02), 7.730 (4.14), 7.788 (5.95), 7.804 (4.06), 8.195 (5.05), 8.214 (4.89), 8.287 (4.58), 8.308 (4.38), 8.483 (13.31), 9.143 (4.43), 9.164 (4.50), 9.188 (10.17).
225	LC-MS (Method L6): Rt = 2.04 min; MS (ESIpos): m/z = 498 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.049 (0.55), 2.058 (0.60), 2.069 (0.65), 2.084 (0.92), 2.092 (0.81), 2.200 (0.60), 2.210 (0.84), 2.222 (0.83), 2.231 (0.80), 2.244 (0.52), 2.387 (16.00), 2.670 (0.42), 3.246 (0.74), 3.266 (2.20), 3.278 (5.05), 3.290 (5.63), 3.652 (0.65), 3.863 (4.10), 3.874 (7.04), 3.885 (4.04), 4.225 (0.44), 4.246 (1.32), 4.253 (1.09), 4.267 (1.92), 4.276 (1.85), 4.293 (1.21), 4.312 (0.44), 5.246 (0.55), 5.260 (1.28), 5.279 (1.30), 5.293 (0.57), 5.754 (0.74), 6.788 (2.36), 6.809 (2.64), 6.915 (1.17), 6.933 (2.52), 6.952 (1.46), 7.048 (1.44), 7.072 (1.45), 7.156 (1.29), 7.175 (2.10), 7.191 (2.25), 7.222 (4.45), 7.376 (2.26), 7.395 (2.06), 7.659 (1.34), 7.678 (2.39), 7.698 (2.06), 7.758 (2.87), 7.776 (1.90), 8.243 (2.30), 8.264 (2.08), 8.668 (7.28), 9.157 (2.21), 9.178 (2.16).
226	LC-MS (Method L6): Rt = 2.10 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 3.279 (0.79), 3.291 (1.79), 3.312 (16.00), 3.868 (1.47), 3.879 (2.45), 3.889 (1.39), 4.237 (0.46), 4.258 (0.61), 4.286 (0.43), 5.249 (0.45), 5.268 (0.45), 5.754 (0.77), 6.781 (0.85), 6.801 (0.94), 6.904 (0.42), 6.922 (0.86), 6.941 (0.50), 7.149 (0.43), 7.167 (0.75), 7.304 (0.41), 7.324 (1.03), 7.344 (0.75), 7.366 (0.78), 7.385 (1.17), 7.400 (0.72), 7.644 (0.68), 7.695 (0.42), 7.713 (0.86), 7.734 (0.84), 7.754 (1.05), 7.769 (0.52), 8.300 (0.71), 8.318 (0.70), 8.629 (2.54), 9.157 (0.74), 9.177 (0.72).
227	LC-MS (Method L6): Rt = 2.02 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.030 (1.38), 2.038 (1.48), 2.053 (1.64), 2.064 (2.14), 2.072 (1.92), 2.187 (1.53), 2.199 (1.97), 2.210 (1.94), 2.220 (1.83), 2.233 (1.30), 2.669 (0.41), 3.254 (2.20), 3.287 (11.31), 3.876 (16.00), 4.213 (1.15), 4.234 (3.07), 4.241 (2.68), 4.255 (4.56), 4.264 (4.46), 4.281 (2.83), 4.300 (1.09), 5.229 (1.31), 5.244 (2.94), 5.262 (2.90), 5.277 (1.27), 5.753 (3.72), 6.777 (4.98), 6.798 (5.63), 6.896 (2.63), 6.914 (5.47), 6.933 (3.20), 7.144 (2.90), 7.163 (4.73), 7.182 (2.38), 7.244 (2.61), 7.265 (2.55), 7.289 (2.22), 7.297 (1.96), 7.311 (3.96), 7.318 (3.43), 7.332 (2.42), 7.340 (2.20), 7.355 (5.09), 7.374 (4.69), 7.573 (3.19), 7.586 (3.35), 7.595 (3.06), 7.608 (2.68), 7.666 (2.45), 7.683 (11.68), 7.703 (5.74), 7.721 (2.06), 8.279 (4.22), 8.283 (4.22), 8.299 (3.93), 8.303 (3.83), 8.598 (13.90), 9.158 (4.80), 9.178 (4.64).

228		LC-MS (Method L6): Rt = 2.11 min; MS (ESIpos): m/z = 530 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.050 (0.48), 2.057 (0.51), 2.071 (0.57), 2.085 (0.76), 2.092 (0.66), 2.199 (0.53), 2.210 (0.69), 2.221 (0.68), 2.231 (0.64), 2.244 (0.44), 3.245 (0.65), 3.265 (1.89), 3.276 (4.16), 3.288 (4.44), 3.822 (16.00), 3.844 (0.52), 3.864 (3.56), 3.874 (5.85), 3.884 (3.40), 4.246 (1.08), 4.253 (0.91), 4.267 (1.58), 4.276 (1.53), 4.293 (0.98), 5.244 (0.47), 5.258 (1.07), 5.277 (1.07), 5.291 (0.47), 5.754 (1.95), 6.788 (1.90), 6.809 (2.13), 6.916 (0.97), 6.935 (2.06), 6.954 (1.21), 7.062 (2.64), 7.094 (2.80), 7.156 (1.06), 7.175 (1.70), 7.197 (3.47), 7.378 (1.82), 7.397 (1.68), 7.662 (1.05), 7.682 (1.95), 7.701 (1.50), 7.782 (2.37), 7.799 (1.71), 8.251 (1.97), 8.272 (1.79), 8.677 (5.49), 9.160 (1.84), 9.180 (1.81).
229		LC-MS (Method L1): Rt = 0.76 min; MS (ESIpos): m/z = 443 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.69), -0.008 (5.65), 0.008 (5.56), 0.146 (0.66), 1.997 (0.61), 2.012 (1.19), 2.023 (1.58), 2.031 (1.41), 2.044 (2.52), 2.059 (2.38), 2.072 (0.97), 2.127 (0.89), 2.141 (2.46), 2.155 (2.88), 2.169 (1.49), 2.191 (1.36), 2.203 (0.61), 2.327 (1.22), 2.366 (1.05), 2.523 (3.99), 2.669 (1.30), 2.709 (1.13), 3.057 (15.92), 3.069 (16.00), 4.247 (5.37), 4.259 (8.78), 4.273 (5.09), 5.218 (1.36), 5.233 (3.02), 5.253 (3.02), 5.267 (1.38), 6.780 (5.48), 6.800 (6.06), 6.889 (2.85), 6.891 (2.82), 6.908 (6.03), 6.926 (3.63), 7.139 (2.88), 7.143 (3.02), 7.160 (4.73), 7.178 (2.35), 7.182 (2.30), 7.304 (5.04), 7.322 (4.71), 7.414 (1.99), 7.434 (5.79), 7.446 (4.98), 7.464 (7.53), 7.484 (3.74), 7.508 (4.98), 7.511 (9.38), 7.515 (6.42), 7.530 (7.11), 7.553 (3.24), 7.632 (8.14), 7.636 (4.76), 7.667 (5.87), 7.684 (4.76), 7.756 (1.49), 8.133 (6.12), 8.233 (1.00), 8.312 (4.40), 8.333 (4.21), 8.424 (15.67), 8.963 (3.43), 8.983 (3.35), 12.706 (0.72).
230		LC-MS (Method L6): Rt = 1.93 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.039 (0.49), 2.074 (0.74), 2.206 (0.68), 2.217 (0.65), 2.228 (0.62), 3.247 (0.58), 3.279 (4.26), 3.291 (4.54), 3.861 (3.48), 3.872 (5.83), 3.883 (3.38), 3.919 (16.00), 4.240 (1.05), 4.247 (0.85), 4.261 (1.44), 4.288 (0.95), 5.239 (0.43), 5.254 (1.04), 5.273 (1.05), 5.287 (0.48), 5.754 (5.28), 6.783 (2.11), 6.803 (2.33), 6.907 (0.98), 6.926 (2.11), 6.945 (1.22), 7.152 (1.05), 7.172 (2.27), 7.192 (1.76), 7.202 (1.25), 7.220 (1.17), 7.288 (1.26), 7.305 (1.27), 7.318 (1.25), 7.334 (1.22), 7.367 (1.77), 7.386 (1.63), 7.661 (0.93), 7.680 (2.04), 7.700 (1.95), 7.722 (2.44), 7.738 (1.14), 8.258 (1.70), 8.276 (1.55), 8.620 (6.28), 9.153 (1.82), 9.173 (1.77).
231		LC-MS (Method L6): Rt = 2.25 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.072 (0.90), 2.204 (0.83), 2.327 (0.69), 2.366 (0.42), 2.408 (16.00), 2.670 (0.67), 3.282 (5.02), 3.294 (5.70), 3.862 (3.95), 3.873 (6.80), 3.885 (3.85), 4.237 (1.27), 4.259 (1.58), 4.285 (1.15), 5.249 (1.24), 5.268 (1.26), 6.783 (2.54), 6.803 (2.69), 6.906 (1.22), 6.924 (2.41), 6.941 (1.48), 7.147 (1.32), 7.169 (1.98), 7.186 (1.00), 7.326 (2.64), 7.352 (2.75), 7.365 (2.13), 7.381 (1.93), 7.448 (3.44), 7.465 (3.40), 7.674 (1.50), 7.692 (2.59), 7.713 (2.56), 7.743 (2.91), 7.757 (1.61), 8.273 (2.14), 8.277 (2.20), 8.294 (2.00), 8.612 (8.94), 9.154 (2.17), 9.175 (2.13).
232		LC-MS (Method L6): Rt = 1.90 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.033 (0.68), 2.041 (0.74), 2.052 (0.79), 2.068 (1.07), 2.075 (0.94), 2.189 (0.70), 2.201 (0.97), 2.213 (0.96), 2.222 (0.91), 2.235 (0.63), 2.327 (0.60), 2.366 (0.45), 2.669 (0.68), 2.709 (0.48), 3.254 (0.88), 3.273 (2.55), 3.286 (5.77), 3.588 (15.32), 3.591 (16.00), 3.864 (4.82), 3.875 (8.30), 3.886 (4.64), 4.213 (0.57), 4.234 (1.64), 4.241 (1.30), 4.261 (2.03), 4.269 (1.72), 4.276 (1.38), 4.285 (1.39), 4.304 (0.57), 5.232 (0.65), 5.246 (1.48), 5.265 (1.51), 5.279 (0.66), 6.782 (2.77), 6.802 (3.06), 6.901 (1.38), 6.919 (2.88), 6.936 (1.69), 7.032 (0.93), 7.037 (0.97), 7.048 (1.14), 7.053 (2.04), 7.059 (1.39), 7.069 (1.33), 7.075 (1.25), 7.145 (1.39), 7.149 (1.51), 7.167 (2.40), 7.184 (2.10), 7.204 (1.50), 7.227 (1.53), 7.249 (0.88), 7.354 (2.50), 7.372 (2.32), 7.637 (0.62), 7.643 (1.31), 7.655 (4.76), 7.659 (6.97), 7.678 (3.56), 7.695 (1.24), 8.249 (2.35), 8.255 (2.38), 8.269 (2.16), 8.274 (2.15), 8.597 (9.66), 9.143 (2.61), 9.163 (2.55).

233		LC-MS (Method L2): Rt = 4.22 min, m/z = 602 (Cl2 pattern) (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.20 (d, J = 8.1 Hz, 1H), 8.71 (s, 1H), 8.46 (d, J = 8.9 Hz, 1H), 7.98 (d, J = 9.1 Hz, 1H), 7.70 (t, J = 1.9 Hz, 1H), 7.40 – 7.30 (m, 3H), 7.20 – 7.13 (m, 1H), 6.95 – 6.88 (m, 1H), 6.82 – 6.76 (m, 1H), 5.28 – 5.20 (m, 1H), 4.32
234		LC-MS (Method L1): Rt = 1.10min; MS (ESIpos): m/z = 502 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.59), -0.008 (5.31), 0.008 (4.81), 0.146 (0.56), 2.049 (1.06), 2.057 (1.15), 2.069 (1.17), 2.084 (1.68), 2.091 (1.48), 2.198 (1.12), 2.211 (1.57), 2.223 (1.45), 2.233 (1.45), 2.246 (0.95), 2.327 (1.17), 2.366 (1.12), 2.523 (3.97), 2.669 (1.34), 2.710 (1.17), 3.249 (1.26), 3.268 (4.20), 3.280 (9.93), 3.291 (10.83), 3.651 (1.90), 3.865 (7.83), 3.876 (13.26), 3.887 (7.52), 4.225 (0.87), 4.245 (2.52), 4.253 (1.99), 4.267 (3.33), 4.293 (2.21), 4.312 (0.81), 5.245 (1.03), 5.259 (2.35), 5.279 (2.38), 5.293 (1.06), 6.789 (4.36), 6.809 (4.90), 6.917 (2.18), 6.933 (4.64), 6.951 (2.80), 7.154 (2.49), 7.157 (2.57), 7.175 (4.00), 7.193 (1.99), 7.247 (1.76), 7.253 (1.29), 7.265 (1.59), 7.271 (3.41), 7.277 (2.49), 7.294 (1.87), 7.300 (1.45), 7.319 (4.84), 7.324 (5.48), 7.340 (6.01), 7.356 (1.23), 7.377 (4.17), 7.396 (3.86), 7.681 (3.13), 7.700 (4.62), 7.720 (4.20), 7.827 (4.95), 7.831 (5.20), 7.845 (4.06), 7.848 (3.92), 8.273 (4.31), 8.276 (4.39), 8.295 (4.11), 8.693 (16.00), 9.165 (4.20), 9.185 (4.11).
235		LC-MS (Method L1): Rt = 1.29min; MS (ESIpos): m/z = 568 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.091 (2.67), 2.220 (2.73), 2.327 (2.60), 2.367 (5.33), 2.668 (4.62), 2.710 (5.79), 3.882 (16.00), 4.244 (3.32), 4.266 (4.62), 5.255 (3.12), 6.789 (4.36), 6.809 (4.81), 6.915 (2.34), 6.934 (4.75), 6.952 (2.73), 7.155 (2.80), 7.174 (4.29), 7.195 (2.15), 7.381 (4.62), 7.399 (4.16), 7.706 (2.47), 7.724 (4.62), 7.743 (2.99), 7.886 (7.28), 7.903 (12.75), 7.985 (7.15), 8.302 (4.75), 8.323 (4.36), 8.693 (9.95), 9.174 (4.29), 9.194 (4.10).
236		LC-MS (Method L6): Rt = 1.38 min; MS (ESIpos): m/z = 462 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.92), 0.008 (2.76), 1.236 (1.50), 1.259 (1.23), 1.299 (0.85), 1.983 (0.59), 1.996 (1.10), 2.008 (1.36), 2.016 (1.23), 2.030 (2.09), 2.044 (1.95), 2.057 (0.80), 2.118 (0.75), 2.132 (2.09), 2.146 (2.34), 2.161 (1.32), 2.181 (1.28), 2.195 (0.53), 2.300 (1.82), 2.327 (0.64), 2.366 (0.61), 2.523 (2.31), 2.669 (0.73), 2.709 (0.69), 3.057 (12.33), 3.070 (12.39), 3.341 (0.78), 3.370 (0.41), 3.382 (0.48), 3.874 (0.57), 4.237 (4.47), 4.249 (7.39), 4.264 (4.32), 4.482 (1.02), 4.497 (1.07), 4.858 (10.93), 5.146 (0.64), 5.206 (1.12), 5.221 (2.49), 5.240 (2.47), 5.255 (1.12), 5.359 (0.43), 6.772 (4.55), 6.793 (4.96), 6.878 (2.39), 6.880 (2.39), 6.896 (4.95), 6.899 (4.90), 6.915 (2.97), 6.917 (2.87), 7.132 (2.42), 7.135 (2.57), 7.153 (4.02), 7.170 (2.01), 7.174 (1.96), 7.232 (0.48), 7.250 (0.41), 7.274 (1.85), 7.293 (8.65), 7.312 (7.85), 7.327 (1.21), 7.333 (1.21), 7.345 (3.29), 7.355 (13.29), 7.365 (4.96), 7.376 (1.77), 7.527 (1.53), 7.545 (2.97), 7.566 (2.27), 7.591 (1.64), 7.608 (2.84), 7.629 (4.71), 7.647 (2.65), 7.765 (1.79), 8.133 (0.54), 8.367 (16.00), 8.391 (3.06), 8.958 (2.52), 8.979 (2.52), 10.023 (0.51), 11.746 (5.38).
237		LC-MS (Method L6): Rt = 1.57 min; MS (ESIpos): m/z = 512 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.150 (0.77), 0.146 (0.83), 0.853 (0.66), 1.235 (5.81), 1.259 (3.13), 1.298 (2.19), 1.985 (1.63), 1.998 (1.98), 2.019 (2.99), 2.035 (2.68), 2.126 (2.85), 2.140 (3.27), 2.159 (2.19), 2.175 (1.95), 2.327 (1.98), 2.366 (1.29), 2.669 (2.37), 2.710 (1.57), 3.051 (15.79), 3.061 (16.00), 3.370 (1.57), 3.382 (1.70), 3.395 (1.15), 3.413 (0.73), 3.508 (0.97), 3.520 (1.18), 3.534 (0.94), 3.561 (1.11), 3.574 (1.22), 4.233 (6.02), 4.245 (10.37), 4.259 (6.33), 4.482 (2.37), 4.496 (2.33), 4.858 (9.39), 5.131 (0.66), 5.146 (1.29), 5.160 (0.63), 5.198 (1.74), 5.213 (3.69), 5.233 (3.76), 5.247 (1.77), 5.359 (1.22), 6.768 (7.10), 6.788 (7.93), 6.874 (3.27), 6.893 (7.03), 6.911 (4.24), 7.132 (3.58), 7.150 (5.95), 7.171 (2.85), 7.219 (0.56), 7.286 (6.26), 7.307 (11.55), 7.320 (3.51), 7.355 (11.93), 7.365 (3.90), 7.393 (4.45), 7.398 (4.56), 7.418 (4.73), 7.424 (4.42), 7.460 (0.94), 7.518 (4.42), 7.536 (7.55), 7.556 (7.23), 7.585 (8.59), 7.601 (5.11), 7.614 (3.20), 7.634 (2.19), 7.706 (1.01), 7.724 (1.50), 7.774 (2.57), 7.871 (11.10), 7.877 (10.96), 7.910 (2.57), 7.927 (2.23), 7.954 (0.59), 8.022 (0.70), 8.139 (1.18), 8.340 (15.06), 8.374 (5.91), 8.394 (5.57), 8.427 (0.73), 8.946 (4.28), 8.967 (4.28), 10.022 (3.72), 11.746 (4.21).

238	LC-MS (Method L1): Rt = 1.05 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.56), 0.008 (0.52), 2.523 (0.53), 3.277 (0.80), 3.290 (1.68), 3.310 (16.00), 3.333 (0.41), 3.867 (1.46), 3.877 (2.48), 3.889 (1.37), 4.232 (0.50), 4.253 (0.68), 4.264 (0.64), 4.271 (0.44), 4.280 (0.43), 5.241 (0.43), 5.260 (0.43), 6.777 (0.84), 6.798 (0.93), 6.912 (0.84), 6.930 (0.49), 7.141 (0.44), 7.145 (0.46), 7.162 (0.73), 7.354 (0.77), 7.371 (0.72), 7.447 (0.89), 7.456 (1.29), 7.468 (0.84), 7.475 (0.99), 7.668 (0.48), 7.680 (1.31), 7.685 (1.24), 7.690 (1.31), 7.709 (1.11), 7.727 (0.46), 8.286 (0.80), 8.291 (0.82), 8.306 (0.74), 8.311 (0.72), 8.589 (2.41), 9.154 (0.41).
239	LC-MS (Method L1): Rt = 1.18 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.278 (3.88), 3.284 (1.78), 3.297 (2.06), 3.310 (16.00), 3.875 (2.72), 4.236 (0.51), 4.258 (0.65), 4.285 (0.46), 5.248 (0.49), 5.267 (0.50), 6.782 (0.98), 6.801 (1.08), 6.902 (0.49), 6.921 (0.99), 6.939 (0.59), 7.150 (0.51), 7.168 (0.80), 7.186 (0.41), 7.264 (0.62), 7.271 (0.72), 7.279 (0.66), 7.286 (0.65), 7.367 (0.86), 7.385 (0.82), 7.442 (0.63), 7.452 (0.65), 7.673 (0.52), 7.691 (1.06), 7.711 (1.07), 7.732 (1.23), 7.746 (0.57), 8.279 (0.87), 8.299 (0.80), 8.624 (3.45), 9.154 (0.86), 9.175 (0.85).
240	LC-MS (Method L1): Rt = 1.19 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.50), 0.008 (0.44), 2.345 (4.63), 3.275 (0.72), 3.287 (1.65), 3.299 (1.87), 3.310 (16.00), 3.865 (1.37), 3.876 (2.36), 3.888 (1.31), 4.237 (0.45), 4.259 (0.60), 4.269 (0.56), 5.249 (0.43), 5.268 (0.43), 6.782 (0.83), 6.803 (0.90), 6.924 (0.83), 6.941 (0.49), 7.147 (0.41), 7.150 (0.43), 7.167 (0.71), 7.184 (0.80), 7.192 (0.61), 7.198 (0.56), 7.367 (0.70), 7.385 (0.66), 7.447 (0.53), 7.451 (0.52), 7.463 (0.55), 7.682 (0.43), 7.700 (0.93), 7.720 (1.01), 7.731 (1.02), 7.735 (1.15), 7.748 (0.49), 8.284 (0.71), 8.288 (0.72), 8.305 (0.69), 8.309 (0.65), 8.626 (3.04), 9.154 (0.75), 9.175 (0.74).
241	LC-MS (Method L1): Rt = 1.38 min; MS (ESIpos): m/z = 602 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.219 (16.00), 1.414 (0.57), 1.908 (0.65), 1.924 (0.64), 1.941 (0.52), 1.959 (0.45), 2.501 (12.69), 2.889 (0.42), 3.164 (0.96), 3.174 (0.90), 5.530 (0.45), 5.549 (0.44), 7.233 (0.64), 7.241 (0.67), 7.250 (1.06), 7.271 (0.78), 7.448 (0.44), 7.456 (0.48), 7.469 (0.40), 7.639 (5.38), 7.652 (0.69), 7.672 (0.56), 7.809 (0.75), 7.826 (0.60), 8.314 (0.64), 8.335 (0.58), 8.687 (2.17), 9.077 (0.63), 9.097 (0.60).
242	LC-MS (Method L6): Rt = 1.39 min; MS (ESIpos): m/z = 618 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.198 (16.00), 1.918 (0.63), 1.932 (0.85), 1.945 (0.51), 4.260 (0.44), 6.788 (0.61), 6.808 (0.69), 6.939 (0.64), 7.186 (0.52), 7.394 (0.55), 7.412 (0.51), 7.638 (5.73), 7.655 (0.62), 7.676 (0.53), 7.815 (0.70), 7.832 (0.56), 8.315 (0.60), 8.334 (0.55), 8.684 (2.06), 9.236 (0.58), 9.257 (0.57).
243	LC-MS (Method L6): Rt = 2.63 min; MS (ESIpos): m/z = 618 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.59), 0.008 (0.57), 1.194 (16.00), 1.209 (0.55), 2.041 (0.61), 2.056 (0.60), 2.067 (0.49), 2.086 (0.43), 4.279 (0.48), 4.293 (0.85), 4.305 (0.52), 6.785 (0.57), 6.804 (0.64), 6.881 (0.61), 7.163 (0.49), 7.292 (0.52), 7.310 (0.49), 7.643 (3.60), 7.659 (0.61), 7.680 (0.50), 7.819 (0.64), 7.834 (0.53), 8.352 (0.56), 8.371 (0.52), 8.689 (2.03), 9.172 (0.56), 9.192 (0.54).

244	LC-MS (Method L6): Rt = 1.27 min; MS (ESIpos): m/z = 498 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.63), 0.008 (2.13), 1.862 (1.03), 1.885 (0.89), 1.898 (0.91), 2.002 (0.76), 2.023 (1.37), 2.034 (1.59), 2.054 (1.51), 2.156 (0.85), 2.170 (1.04), 2.185 (0.86), 2.201 (0.61), 2.311 (0.43), 2.327 (0.46), 2.376 (16.00), 2.392 (2.37), 2.669 (0.43), 3.033 (0.41), 3.192 (0.48), 3.205 (0.71), 3.213 (0.64), 3.228 (0.83), 3.305 (2.36), 3.461 (0.98), 3.489 (1.75), 3.516 (0.92), 3.691 (0.53), 3.707 (1.16), 3.728 (0.79), 3.788 (0.70), 3.805 (0.71), 3.821 (0.86), 3.831 (1.06), 3.844 (1.78), 3.857 (1.54), 3.871 (1.20), 3.883 (0.74), 4.163 (3.03), 4.258 (2.73), 4.266 (3.03), 4.279 (1.47), 4.374 (1.56), 5.215 (0.85), 5.227 (1.09), 5.247 (0.91), 5.260 (0.41), 6.780 (2.43), 6.799 (2.76), 6.891 (1.22), 6.910 (2.68), 6.928 (1.78), 7.014 (1.49), 7.038 (1.51), 7.144 (1.33), 7.162 (2.39), 7.179 (2.31), 7.205 (5.13), 7.253 (0.67), 7.305 (2.22), 7.324 (2.00), 7.450 (1.52), 7.469 (2.29), 7.489 (1.84), 7.638 (2.80), 7.653 (2.35), 8.144 (10.55), 8.227 (2.36), 8.248 (2.20), 8.418 (4.54), 8.423 (4.98), 8.786 (1.00), 9.041 (1.92), 9.061 (1.88).
245	LC-MS (Method L6): Rt = 1.24 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.77), -0.008 (6.72), 0.008 (6.90), 0.146 (0.79), 1.055 (0.79), 1.862 (1.68), 1.885 (1.70), 1.895 (1.97), 2.006 (1.70), 2.027 (2.95), 2.040 (3.20), 2.060 (1.95), 2.072 (1.32), 2.085 (1.63), 2.145 (1.45), 2.159 (1.57), 2.175 (1.52), 2.327 (1.52), 2.365 (1.04), 2.669 (1.41), 2.709 (0.77), 2.976 (0.89), 3.005 (1.41), 3.073 (1.32), 3.083 (1.34), 3.113 (0.93), 3.164 (2.00), 3.177 (2.34), 3.187 (2.36), 3.200 (2.22), 3.304 (2.68), 3.466 (1.97), 3.496 (2.86), 3.524 (1.75), 3.695 (1.16), 3.719 (1.95), 3.737 (1.34), 3.788 (0.68), 3.810 (1.16), 3.828 (1.48), 3.848 (2.50), 3.864 (2.18), 3.874 (3.20), 3.889 (1.95), 3.900 (1.23), 3.937 (0.43), 4.163 (11.73), 4.255 (5.47), 4.374 (2.88), 5.226 (1.84), 5.266 (0.59), 6.772 (4.31), 6.791 (5.17), 6.809 (1.38), 6.879 (2.04), 6.899 (4.70), 6.916 (3.56), 6.935 (0.70), 7.016 (1.41), 7.032 (2.79), 7.048 (1.86), 7.084 (0.86), 7.105 (0.68), 7.137 (2.31), 7.156 (4.45), 7.177 (3.63), 7.204 (2.20), 7.225 (1.41), 7.242 (0.68), 7.287 (3.50), 7.306 (3.22), 7.342 (0.93), 7.359 (0.98), 7.448 (2.31), 7.466 (3.93), 7.487 (3.79), 7.526 (5.13), 7.541 (3.06), 7.688 (1.57), 7.696 (1.68), 7.705 (3.70), 8.204 (16.00), 8.276 (4.47), 8.297 (3.47), 8.360 (10.80), 8.716 (4.06), 9.014 (1.95), 9.027 (2.34), 9.035 (2.07), 9.047 (1.97), 9.155 (0.86), 9.176 (0.79).
246	LC-MS (Method L6): Rt = 1.21 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.15), 0.008 (1.23), 1.862 (0.77), 1.876 (0.55), 1.888 (0.61), 1.900 (0.68), 1.908 (0.60), 1.997 (0.55), 2.020 (0.91), 2.030 (1.23), 2.039 (0.98), 2.049 (0.99), 2.061 (0.58), 2.150 (0.56), 2.165 (0.68), 2.180 (0.59), 2.195 (0.42), 2.523 (0.68), 3.169 (1.12), 3.207 (0.44), 3.230 (0.51), 3.305 (0.99), 3.471 (0.58), 3.498 (1.19), 3.525 (0.73), 3.655 (0.44), 3.699 (0.41), 3.723 (0.82), 3.736 (0.56), 3.743 (0.59), 3.803 (0.57), 3.820 (0.55), 3.828 (0.57), 3.835 (0.56), 3.846 (1.52), 3.858 (1.38), 3.873 (0.89), 3.885 (1.01), 3.896 (0.64), 3.911 (16.00), 3.924 (2.42), 4.160 (2.23), 4.247 (1.69), 4.253 (2.01), 4.259 (1.98), 4.374 (1.08), 5.210 (0.63), 5.219 (0.73), 5.231 (0.77), 5.240 (0.56), 6.776 (1.78), 6.794 (1.90), 6.796 (1.93), 6.886 (0.87), 6.904 (1.89), 6.923 (1.25), 7.140 (1.08), 7.148 (1.24), 7.158 (1.75), 7.166 (1.29), 7.175 (1.95), 7.194 (1.17), 7.263 (1.08), 7.280 (1.12), 7.294 (2.16), 7.311 (1.67), 7.451 (1.14), 7.469 (1.65), 7.490 (1.47), 7.599 (1.95), 7.615 (1.51), 8.140 (6.92), 8.264 (1.70), 8.276 (0.41), 8.286 (1.58), 8.370 (4.09), 8.372 (3.69), 8.738 (0.72), 9.025 (1.07), 9.032 (0.96), 9.046 (1.07), 9.053
247	LC-MS (Method L6): Rt = 1.82 min; MS (ESIpos): m/z = 478 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.77), 0.008 (1.62), 1.754 (1.10), 3.086 (16.00), 4.249 (0.89), 4.257 (0.88), 5.230 (0.54), 6.777 (1.07), 6.797 (1.20), 6.890 (0.49), 6.908 (1.04), 6.926 (0.63), 7.143 (0.51), 7.160 (0.85), 7.178 (0.42), 7.339 (0.86), 7.357 (0.83), 7.586 (0.46), 7.600 (0.44), 7.669 (0.76), 7.686 (1.09), 7.708 (1.03), 7.788 (1.10), 7.803 (0.82), 8.233 (0.62), 8.303 (1.02), 8.321 (1.02), 8.550 (2.65), 9.066 (0.59), 9.088 (0.56).

248	3,41		^{1}H-NMR(399,9532 MHz, DMSO): δ= 8.8586 (3.81); 8.8384 (3.7); 8.7959 (0.89); 8.6133 (16); 8.3145 (0.54); 8.2003 (5.17); 8.1796 (6.09); 8.1605 (0.57); 8.1408 (0.42); 8.1194 (0.37); 7.7297 (2.81); 7.7117 (6.49); 7.6916 (5.56); 7.674 (8.15); 7.6572 (3.78); 7.5658 (3.63); 7.5485 (5.05); 7.5233 (0.53); 7.4659 (2.08); 7.4474 (5.9); 7.4352 (6.58); 7.4201 (10.6); 7.401 (7.64); 7.3696 (4.28); 7.1855 (0.44); 7.1677 (2.86); 7.1479 (5.7); 7.1292 (3.51); 6.9273 (3.58); 6.9086 (6.16); 6.8902 (3.03); 6.7978 (0.51); 6.7802 (7.27); 6.76 (6.4); 5.3045 (0.38); 5.2303 (1.66); 5.215 (3.56); 5.1967 (3.61); 5.1821 (1.57); 4.2872 (1.16); 4.2678 (3.46); 4.2545 (6.45); 4.2294 (3.77); 4.209 (1.09); 4.0558 (0.79); 4.0381 (2.17); 4.0204 (2.21); 4.0027 (0.72); 3.7036 (0.64); 3.4987 (41.77); 3.4769 (2.9); 3.3203 (34.08); 3.2937 (39.4); 3.2522 (2.31); 2.6698 (1.63); 2.5008 (284.9); 2.3275 (1.72); 2.162 (2.06); 2.1511 (2.35); 2.1408 (2.37); 2.0491 (2.34); 2.0417 (2.67); 2.0242 (2.02); 2.0072 (1.6); 1.9885 (9.27); 1.2351 (0.38); 1.1928 (2.3); 1.175 (4.51); 1.1572 (2.22); -0.0001 (28.96); -0.0051 (8.21)
249	3,99		^{1}H-NMR(399,9532 MHz, DMSO): δ= 8.8722 (2.6); 8.8534 (4.17); 8.8356 (2.45); 8.6283 (16); 8.3151 (0.4); 8.2158 (4.05); 8.1962 (4.44); 7.7428 (2.44); 7.7248 (7.39); 7.7193 (7); 7.7157 (6.57); 7.7049 (13.43); 7.6994 (14.58); 7.6871 (2.66); 7.4723 (2.01); 7.4623 (2.04); 7.453 (4.25); 7.4429 (3.96); 7.4331 (2.87); 7.4227 (5.23); 7.3996 (4.11); 7.3619 (3.39); 7.3461 (5.37); 7.3279 (2.31); 7.1671 (2.41); 7.1484 (5.12); 7.1288 (3.22); 6.9268 (2.74); 6.9082 (4.77); 6.8896 (2.27); 6.7797 (6.81); 6.7595 (6.15); 5.2265 (1.31); 5.2117 (3.11); 5.1938 (3.02); 5.1779 (1.3); 4.2866 (1.01); 4.2674 (3.19); 4.2527 (5.74); 4.245 (5.26); 4.2269 (3.27); 4.2067 (0.94); 4.0557 (0.4); 4.0377 (1.21); 4.0198 (1.19); 4.0022 (0.41); 3.4991 (33.03); 3.3194 (26.59); 3.2941 (42.87); 2.6699 (1.31); 2.6325 (1.42); 2.5047 (173.21); 2.5007 (220.51); 2.4968 (169.05); 2.3277 (1.28); 2.1552 (1.78); 2.1467 (1.98); 2.1354 (1.9); 2.0536 (1.58); 2.0461 (2.06); 2.0382 (2.41); 2.0293 (1.73); 2.0221 (1.72); 2.0124 (1.48); 2.0033 (1.41); 1.9882 (5.54); 1.3973 (0.39); 1.1925 (1.29); 1.1746 (2.48); 1.1569 (1.25); -0.0002 (29.01)
250	4,87		^{1}H-NMR(399,9532 MHz, DMSO): δ= 8.8638 (2.16); 8.8431 (2.2); 8.7403 (8.57); 8.3148 (0.35); 8.2096 (2.24); 8.2067 (2.37); 8.1883 (2.63); 8.1855 (2.59); 7.8776 (2.13); 7.8749 (2.29); 7.8598 (2.88); 7.8571 (2.85); 7.7436 (2.21); 7.7227 (2.59); 7.7045 (1.68); 7.6508 (16); 7.4465 (2.08); 7.4284 (2.26); 7.181 (0.97); 7.1773 (1.02); 7.16 (2.16); 7.1425 (1.33); 7.1389 (1.31); 6.9459 (1.54); 6.9275 (2.62); 6.9086 (1.24); 6.7901 (2.91); 6.7708 (2.62); 5.246 (0.57); 5.2307 (1.34); 5.2111 (1.31); 5.1962 (0.59); 4.2989 (0.4); 4.2923 (0.34); 4.2803 (1.25); 4.2648 (2.35); 4.2564 (2.18); 4.2462 (1.28); 4.238 (1.35); 4.2183 (0.41); 3.4928 (21.15); 3.3195 (28.27); 3.2832 (18.37); 2.6707 (0.76); 2.5055 (99.44); 2.5013 (134.25); 2.4971 (103.62); 2.3283 (0.8); 2.1902 (0.48); 2.1778 (0.73); 2.169 (0.84); 2.1575 (0.88); 2.1451 (0.68); 2.0765 (0.62); 2.0678 (0.83); 2.0606 (0.98); 2.0512 (0.71); 2.0439 (0.7); 2.034 (0.6); 2.0254 (0.58); 1.3977 (0.96); -0.0002 (18.38)
251		LC-MS (Method L4): Rt = 2.76 min; MS (ESIpos): m/z = 523 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 0.832 (0.78), 0.872 (0.63), 1.225 (1.56), 1.239 (2.99), 1.254 (2.68), 1.285 (0.49), 2.012 (5.28), 2.125 (0.61), 2.136 (1.21), 2.143 (1.50), 2.153 (1.46), 2.162 (2.19), 2.172 (2.02), 2.181 (0.79), 2.253 (0.83), 2.265 (1.86), 2.277 (2.20), 2.290 (1.59), 2.306 (1.15), 2.317 (0.53), 3.149 (1.15), 3.179 (10.27), 3.371 (1.35), 3.379 (2.47), 3.394 (3.63), 3.403 (5.57), 3.412 (3.40), 3.423 (3.54), 3.431 (5.99), 3.440 (3.84), 3.456 (2.58), 3.465 (1.35), 3.947 (9.47), 3.955 (15.45), 3.964 (8.40), 4.057 (0.45), 4.071 (1.28), 4.086 (1.30), 4.100 (0.49), 4.278 (4.64), 4.288 (6.97), 4.294 (4.07), 4.299 (4.02), 5.328 (1.19), 5.339 (2.69), 5.354 (2.69), 5.365 (1.19), 5.443 (0.90), 5.448 (1.32), 6.779 (4.78), 6.796 (5.27), 6.863 (2.26), 6.878 (4.67), 6.893 (2.69), 7.124 (2.45), 7.139 (3.94), 7.154 (2.07), 7.309 (4.10), 7.324 (3.86), 7.506 (4.42), 7.520 (5.68), 7.613 (3.66), 7.628 (5.26), 7.644 (3.03), 7.658 (2.51), 7.672 (4.37), 7.689 (3.02), 7.811 (6.72), 7.814 (7.13), 7.818 (4.61), 7.821 (6.00), 7.825 (7.74), 7.828 (6.36), 7.831 (5.94), 8.107 (5.62), 8.123 (5.32), 8.315 (4.53), 8.332 (4.30), 8.604 (16.00), 9.065 (6.90), 9.103 (2.34), 9.118 (2.15).

252	2,23		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.0791 (1.76); 9.0587 (1.8); 8.5559 (7.36); 8.1993 (1.5); 8.1925 (1.41); 8.1814 (1.62); 8.1744 (1.67); 7.6235 (0.75); 7.6058 (2.84); 7.5938 (3.05); 7.5875 (6.22); 7.5767 (0.85); 7.5518 (1.11); 7.5301 (1.53); 7.4508 (0.54); 7.4455 (0.73); 7.4326 (1.69); 7.4272 (2.02); 7.4216 (1.16); 7.4156 (2.28); 7.4084 (1.97); 7.4032 (1.72); 7.3998 (1.7); 7.385 (0.7); 7.3589 (1.41); 7.3368 (1.88); 7.3173 (1.39); 7.1739 (0.83); 7.1704 (0.86); 7.1527 (1.79); 7.1353 (1.12); 7.1318 (1.06); 6.9096 (1.27); 6.8915 (2.21); 6.8728 (1.02); 6.7927 (2.53); 6.7726 (2.28); 5.7542 (1.11); 5.2613 (0.49); 5.2466 (1.08); 5.2274 (1.08); 5.213 (0.48); 4.2679 (1.84); 4.2559 (3.15); 4.2415 (1.82); 3.3206 (48.83); 3.1342 (16); 3.0049 (0.62); 2.9974 (0.88); 2.9893 (1.13); 2.981 (0.87); 2.9732 (0.63); 2.9642 (0.34); 2.675 (0.38); 2.6705 (0.51); 2.6658 (0.38); 2.5232 (1.39); 2.5055 (63.06); 2.5011 (86.29); 2.4969 (64.79); 2.3323 (0.36); 2.3281 (0.5); 2.1894 (0.6); 2.1757 (0.69); 2.1696 (0.51); 2.156 (0.74); 2.1399 (0.74); 2.0304 (0.61); 2.0184 (0.69); 1.9969 (0.54); 1.9883 (0.86); 1.3979 (1.47); 0.6101 (1.75); 0.4165 (0.89); 0.0078 (0.39); -0.0001 (10.71); -0.0076 (0.41)
253	2,8		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.0796 (1.17); 9.0621 (1.2); 8.5624 (8.02); 8.2214 (0.93); 8.2105 (1.57); 8.1983 (1.03); 7.6978 (2.04); 7.694 (2.19); 7.6778 (2.53); 7.674 (2.5); 7.6177 (5.4); 7.6041 (4.04); 7.4523 (0.69); 7.4433 (0.72); 7.4327 (1.48); 7.4239 (1.42); 7.4131 (0.92); 7.4041 (0.85); 7.3455 (1.88); 7.329 (3.1); 7.3099 (1.5); 7.174 (0.81); 7.1702 (0.85); 7.1526 (1.69); 7.1353 (1.08); 7.1317 (1.05); 6.9092 (1.19); 6.8909 (2.03); 6.8721 (0.94); 6.793 (2.33); 6.791 (2.35); 6.7726 (2.13); 6.7706 (2.07); 5.2566 (0.41); 5.242 (0.94); 5.2229 (0.94); 5.2089 (0.4); 4.2665 (1.65); 4.2545 (2.8); 4.2402 (1.64); 3.3211 (41.34); 3.1368 (16); 3.0138 (0.45); 3.0047 (0.7); 2.9975 (0.96); 2.9893 (0.98); 2.9811 (0.72); 2.9735 (0.43); 2.6703 (0.39); 2.5235 (1.05); 2.51 (22.39); 2.5056 (47.11); 2.501 (65.73); 2.4966 (49.19); 2.4922 (23.62); 2.3279 (0.38); 2.1883 (0.57); 2.1742 (0.65); 2.1681 (0.49); 2.1546 (0.71); 2.1385 (0.72); 2.0349 (0.45); 2.0228 (0.65); 2.0115 (0.58); 2.0017 (0.49); 1.9882 (1.44); 1.9759 (0.32); 1.3975 (1.3); 1.175 (0.52); 0.6137 (1.77); 0.5976 (1.39); 0.4649 (0.32); 0.4414 (0.56); 0.4091 (1.27); 0.3695 (0.52); 0.0081 (0.44); -0.0002 (13.08); -0.0084 (0.42)
254	3,81		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.0974 (1.83); 9.0773 (1.86); 8.6752 (7.71); 8.3134 (0.64); 8.2118 (1.85); 8.2091 (1.97); 8.1907 (2.14); 8.1877 (2.13); 7.7947 (1.87); 7.7919 (1.98); 7.777 (2.41); 7.7741 (2.31); 7.6416 (5.47); 7.6376 (12.68); 7.632 (5.99); 7.6281 (3.45); 7.6155 (1.99); 7.6126 (2.16); 7.5945 (1.52); 7.3629 (1.74); 7.3442 (1.88); 7.1889 (0.84); 7.1854 (0.87); 7.1674 (1.81); 7.1502 (1.1); 7.147 (1.07); 6.9334 (1.31); 6.9152 (2.18); 6.8988 (1.01); 6.8964 (1.02); 6.8069 (2.45); 6.7867 (2.52); 5.2728 (0.51); 5.2582 (1.13); 5.2387 (1.12); 5.2248 (0.5); 4.281 (1.89); 4.2694 (3.1); 4.2546 (1.8); 3.3184 (46.33); 3.1217 (16); 3.0207 (0.68); 3.0129 (0.98); 3.0047 (1.28); 2.9963 (0.95); 2.9888 (0.68); 2.9802 (0.33); 2.6749 (0.85); 2.6706 (1.14); 2.6661 (0.85); 2.5101 (68.82); 2.5059 (137.4); 2.5014 (187.25); 2.4971 (140.59); 2.3327 (0.8); 2.3283 (1.08); 2.3241 (0.79); 2.2024 (0.56); 2.1881 (0.67); 2.1696 (0.74); 2.1535 (0.7); 2.0686 (0.34); 2.0557 (0.71); 2.0447 (0.85); 2.0308 (0.51); 2.0226 (0.61); 2.0084 (0.53); 1.398 (3.21); 0.6121 (2.33); 0.5962 (2.26); 0.4148 (1.1); 0.4089 (1.1); 0.3834 (1.16); 0.0079 (1.22); -0.0002 (28.51); -0.0084 (1.03)
255		LC-MS (Method L1): Rt = 1.21 min; MS (ESIpos): m/z = 576 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.40), -0.008 (3.66), 0.008 (2.37), 1.938 (0.67), 2.015 (1.79), 2.073 (1.20), 2.179 (0.64), 2.328 (0.62), 2.366 (0.70), 2.385 (0.71), 2.669 (0.51), 3.356 (0.75), 3.498 (16.00), 3.893 (0.87), 3.915 (0.80), 4.216 (0.97), 4.238 (0.76), 4.267 (0.81), 4.625 (0.99), 4.640 (1.04), 4.659 (0.92), 5.267 (0.86), 6.791 (1.73), 6.810 (1.94), 6.925 (0.82), 6.941 (1.72), 6.959 (1.12), 7.168 (0.89), 7.185 (1.41), 7.202 (0.70), 7.394 (1.48), 7.411 (1.37), 7.645 (11.29), 7.673 (1.76), 7.694 (1.53), 7.820 (1.92), 7.838 (1.61), 8.342 (1.64), 8.361 (1.56), 8.671 (6.40), 9.188 (1.55), 9.208 (1.60).

256		LC-MS (Method L2): Rt = 3.91 min, m/z = 560 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.12 (d, J = 8.1 Hz, 1H), 8.62 (s, 1H), 8.43 (d, J = 8.7 Hz, 1H), 7.93 (d, J = 9.1 Hz, 1H), 7.69 (t, J = 1.9 Hz, 1H), 7.37 – 7.29 (m, 3H), 7.20 – 7.13 (m, 1H), 6.94 – 6.87 (m, 1H), 6.79 (dd, J = 8.2, 1.0 Hz, 1H), 5.26 – 5.19 (m
257		LC-MS (Method L1): Rt = 0.71 min; MS (ESIpos): m/z = 502 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.43), 0.146 (0.47), 1.754 (0.43), 1.862 (3.00), 1.901 (2.89), 1.909 (2.71), 2.031 (4.75), 2.040 (4.61), 2.049 (5.14), 2.157 (2.74), 2.171 (3.27), 2.186 (2.55), 2.203 (1.78), 2.327 (0.93), 2.366 (0.74), 2.670 (0.93), 2.709 (0.69), 3.038 (0.45), 3.165 (1.51), 3.210 (0.53), 3.232 (0.51), 3.476 (2.42), 3.502 (4.70), 3.528 (2.55), 3.654 (0.43), 3.708 (1.60), 3.732 (3.42), 3.752 (2.34), 3.780 (1.22), 3.802 (2.18), 3.820 (2.17), 3.829 (2.57), 3.851 (3.64), 3.861 (4.91), 3.875 (4.51), 3.888 (3.51), 3.900 (2.05), 4.169 (4.22), 4.258 (8.38), 4.267 (9.23), 4.280 (4.38), 4.372 (4.77), 5.035 (5.52), 5.201 (1.06), 5.214 (2.86), 5.227 (3.55), 5.235 (3.58), 5.247 (2.92), 5.261 (1.17), 6.782 (7.98), 6.801 (8.91), 6.893 (3.82), 6.912 (8.02), 6.930 (4.96), 7.145 (4.32), 7.163 (6.95), 7.182 (3.56), 7.211 (2.94), 7.216 (2.31), 7.234 (5.55), 7.240 (4.20), 7.258 (3.02), 7.263 (2.33), 7.307 (16.00), 7.324 (15.84), 7.361 (1.03), 7.377 (1.64), 7.399 (0.96), 7.467 (4.96), 7.486 (7.17), 7.507 (5.81), 7.704 (8.95), 7.722 (7.93), 7.742 (0.47), 7.887 (0.48), 7.901 (0.42), 8.134 (12.65), 8.269 (7.33), 8.291 (7.25), 8.313 (0.63), 8.394 (1.77), 8.432 (13.03), 8.436 (13.82), 8.810 (1.36), 9.046 (5.84), 9.067 (5.58), 12.645 (0.58).
258		LC-MS (Method L6): Rt = 1.25 min; MS (ESIneg): m/z = 516 [M-H]-	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.99), 0.146 (1.21), 1.055 (1.10), 1.243 (0.89), 1.862 (1.56), 1.907 (1.99), 2.038 (4.22), 2.085 (2.63), 2.159 (2.66), 2.327 (2.09), 2.366 (1.38), 2.669 (2.27), 2.710 (1.45), 3.509 (1.42), 3.743 (1.67), 3.873 (4.19), 4.251 (8.12), 4.394 (3.19), 5.059 (2.13), 5.200 (3.33), 5.754 (16.00), 6.776 (5.14), 6.796 (5.68), 6.875 (3.87), 6.893 (7.49), 6.912 (4.43), 7.138 (3.69), 7.157 (5.46), 7.177 (3.37), 7.289 (6.17), 7.307 (5.53), 7.448 (3.87), 8.132 (3.30), 8.325 (3.87), 9.046 (1.53), 12.220 (0.64).
259		LC-MS (Method L6): Rt = 1.24 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.71), -0.008 (15.12), 0.008 (13.06), 0.146 (1.65), 1.038 (1.12), 1.055 (2.24), 1.073 (1.12), 1.236 (0.71), 1.862 (3.06), 1.908 (2.82), 2.039 (5.47), 2.085 (3.00), 2.146 (3.35), 2.160 (3.59), 2.180 (2.88), 2.195 (2.53), 2.327 (2.82), 2.332 (2.06), 2.366 (2.29), 2.523 (8.71), 2.669 (2.59), 2.690 (0.53), 2.709 (2.24), 3.509 (2.00), 3.744 (2.29), 3.874 (5.88), 4.238 (8.06), 4.253 (10.94), 4.388 (4.47), 5.054 (3.29), 5.205 (4.24), 5.218 (4.18), 5.754 (16.00), 6.774 (7.12), 6.795 (7.59), 6.878 (5.12), 6.896 (10.53), 6.915 (6.06), 7.139 (4.65), 7.157 (7.24), 7.177 (3.76), 7.235 (2.47), 7.290 (10.82), 7.309 (9.65), 7.501 (2.94), 7.561 (4.94), 8.132 (6.47), 8.337 (6.94), 9.043 (2.35), 12.703 (0.71).
260		LC-MS (Method L1): Rt = 0.72 min; MS (ESIpos): m/z = 500 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.898 (1.49), 1.907 (1.43), 2.003 (1.23), 2.023 (2.16), 2.034 (2.52), 2.054 (2.37), 2.156 (1.33), 2.170 (1.58), 2.186 (1.26), 2.202 (0.87), 3.169 (4.19), 3.191 (0.45), 3.203 (0.59), 3.213 (0.51), 3.226 (0.59), 3.305 (1.15), 3.472 (1.52), 3.498 (2.71), 3.524 (1.46), 3.696 (0.91), 3.720 (1.91), 3.741 (1.28), 3.776 (0.63), 3.798 (1.12), 3.817 (1.15), 3.826 (1.36), 3.841 (1.73), 3.853 (2.81), 3.867 (2.34), 3.881 (1.91), 3.893 (1.16), 4.168 (2.20), 4.258 (4.22), 4.266 (4.57), 4.376 (2.54), 5.217 (1.39), 5.228 (1.80), 5.248 (1.46), 5.753 (16.00), 6.780 (4.05), 6.800 (4.44), 6.892 (1.82), 6.910 (3.93), 6.929 (2.45), 7.143 (2.06), 7.162 (3.40), 7.181 (1.72), 7.306 (3.35), 7.325 (3.06), 7.417 (1.77), 7.436 (4.71), 7.450 (3.62), 7.469 (5.99), 7.487 (4.73), 7.503 (3.14), 7.521 (4.74), 7.540 (2.68), 7.635 (6.07), 7.659 (4.38), 7.677 (3.91), 8.153 (14.28), 8.247 (3.60), 8.268 (3.45), 8.421 (6.72), 8.425 (7.54), 8.792 (0.74), 9.041 (2.88), 9.062 (2.77).

261		LC-MS (Method L1): Rt = 0.75 min; MS (ESIpos): m/z = 530 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.36), 0.008 (1.23), 1.897 (0.69), 2.031 (1.04), 2.050 (1.12), 2.156 (0.59), 2.170 (0.71), 2.185 (0.60), 3.169 (0.99), 3.191 (0.41), 3.203 (0.54), 3.212 (0.50), 3.226 (0.59), 3.305 (1.07), 3.464 (0.73), 3.490 (1.25), 3.518 (0.67), 3.712 (0.82), 3.734 (0.57), 3.790 (0.55), 3.814 (16.00), 3.829 (3.10), 3.847 (1.23), 3.861 (1.14), 3.874 (1.02), 3.887 (0.52), 4.163 (2.59), 4.258 (1.91), 4.266 (2.12), 4.374 (1.12), 5.234 (0.76), 5.245 (0.63), 5.754 (0.64), 6.781 (1.81), 6.799 (2.04), 6.893 (0.86), 6.912 (1.84), 6.930 (1.24), 7.025 (1.53), 7.030 (2.93), 7.035 (1.95), 7.075 (2.47), 7.079 (2.80), 7.127 (0.40), 7.145 (0.92), 7.162 (1.62), 7.183 (2.94), 7.186 (3.43), 7.231 (0.46), 7.307 (1.49), 7.326 (1.37), 7.451 (1.09), 7.469 (1.61), 7.490 (1.32), 7.659 (1.99), 7.675 (1.69), 8.151 (5.55), 8.239 (1.63), 8.260 (1.58), 8.422 (3.41), 8.427 (3.75), 8.793 (0.92), 9.041 (1.50), 9.062 (1.45).
262		LC-MS (Method L6): Rt = 1.28 min; MS (ESIpos): m/z = 518 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.82), -0.008 (6.72), 0.008 (6.87), 0.146 (0.82), 0.889 (0.41), 1.236 (0.68), 1.862 (2.00), 1.904 (2.50), 2.036 (4.81), 2.057 (3.23), 2.073 (2.58), 2.148 (2.61), 2.162 (3.02), 2.178 (2.26), 2.196 (1.91), 2.327 (1.88), 2.366 (1.20), 2.523 (5.70), 2.669 (1.82), 2.709 (1.09), 3.524 (2.23), 3.755 (2.17), 3.818 (2.88), 3.885 (3.41), 4.175 (1.41), 4.243 (6.72), 4.256 (8.63), 4.379 (4.34), 5.041 (4.81), 5.211 (3.38), 5.224 (3.41), 5.754 (2.38), 6.775 (7.63), 6.794 (8.22), 6.883 (3.88), 6.899 (8.07), 6.918 (4.81), 7.139 (4.20), 7.156 (6.55), 7.174 (3.29), 7.295 (8.04), 7.312 (8.40), 7.326 (3.90), 7.367 (3.20), 7.383 (4.29), 7.400 (2.00), 7.487 (2.08), 7.506 (3.58), 7.525 (2.50), 7.634 (5.31), 8.133 (16.00), 8.325 (4.08), 8.360 (8.78), 9.040 (2.67), 9.057 (2.67), 12.699 (1.38).
263		LC-MS (Method L6): Rt = 2.33 min; MS (ESIpos): m/z = 576 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.65), 0.008 (1.52), 1.234 (0.49), 2.012 (0.66), 2.029 (0.92), 2.045 (0.89), 2.059 (1.10), 2.075 (1.44), 2.091 (1.89), 2.105 (1.51), 2.122 (0.75), 2.141 (0.59), 2.187 (0.65), 2.204 (0.65), 2.223 (0.59), 2.237 (0.50), 2.470 (0.58), 2.523 (1.48), 3.358 (0.47), 3.375 (0.74), 3.392 (0.84), 3.410 (0.50), 3.489 (16.00), 3.885 (0.41), 3.901 (0.97), 3.922 (0.95), 3.939 (0.41), 4.277 (1.55), 4.291 (2.65), 4.303 (1.60), 4.716 (1.07), 4.729 (1.23), 4.737 (1.20), 4.750 (1.01), 5.254 (0.41), 5.268 (0.92), 5.288 (0.94), 5.301 (0.42), 5.754 (8.22), 6.784 (1.67), 6.804 (1.85), 6.888 (0.85), 6.891 (0.84), 6.906 (1.80), 6.925 (1.08), 7.143 (0.86), 7.147 (0.92), 7.164 (1.44), 7.182 (0.72), 7.186 (0.72), 7.292 (1.53), 7.311 (1.42), 7.639 (1.85), 7.643 (3.39), 7.648 (8.87), 7.652 (4.00), 7.673 (1.82), 7.676 (1.64), 7.694 (1.64), 7.821 (2.01), 7.824 (2.06), 7.839 (1.67), 7.842 (1.59), 8.351 (1.69), 8.354 (1.71), 8.372 (1.62), 8.375 (1.52), 8.678 (6.32), 9.190 (1.68), 9.210 (1.63).
264		LC-MS (Method L1): Rt = 1.53 min; MS (ESIpos): m/z = 546 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.146 (0.40), 1.139 (16.00), 1.158 (15.94), 1.234 (0.94), 1.963 (2.29), 1.974 (2.70), 2.061 (3.26), 2.078 (3.19), 2.097 (1.79), 2.163 (1.02), 2.327 (0.81), 2.670 (0.80), 2.710 (0.44), 3.615 (2.37), 4.233 (1.49), 4.254 (2.33), 4.262 (2.43), 5.217 (1.48), 5.236 (1.45), 5.754 (5.93), 6.777 (2.79), 6.798 (3.23), 6.902 (1.43), 6.921 (2.91), 6.940 (1.74), 7.146 (1.44), 7.166 (2.27), 7.184 (1.15), 7.347 (2.34), 7.365 (2.28), 7.641 (4.23), 7.646 (4.54), 7.657 (14.09), 7.661 (8.47), 7.678 (2.81), 7.698 (2.23), 7.819 (3.12), 7.837 (2.42), 8.297 (2.64), 8.318 (2.50), 8.803 (9.16), 8.970 (2.59), 8.991 (2.51).
265		LC-MS (Method L1): Rt = 0.89 min; MS (ESIpos): m/z = 492 [M+H]+	1H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.00 (d, 1H), 8.51 (s, 1H), 8.41 (d, 1H), 8.14 (s, 1H), 7.82 (t, 1H), 7.70 - 7.76 (m, 1H), 7.58 - 7.64 (m, 3H), 7.53 (dd, 1H), 7.30 (d, 1H), 7.13 - 7.20 (m, 1H), 6.86 - 6.96 (m, 1H), 6.79 (d, 1H), 5.19 - 5.30 (m, 1H), 4.21 - 4.33 (m, 2H), 3.48 - 3.59 (m, 2H), 1.96 - 2.22 (m, 2H), 1.25 (t, 3H).

266	LC-MS (Method L1): Rt = 0.91 min; MS (ESIpos): m/z = 562 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: -0.007 (3.09), 0.006 (1.99), 1.907 (2.42), 2.028 (0.58), 2.033 (0.60), 2.044 (0.71), 2.056 (0.83), 2.166 (0.52), 2.175 (0.71), 2.185 (0.75), 2.193 (0.77), 2.204 (0.50), 2.358 (0.89), 2.361 (1.22), 2.365 (0.93), 2.369 (0.58), 2.392 (0.70), 2.407 (0.71), 2.514 (3.50), 2.518 (3.01), 2.522 (2.34), 2.631 (0.87), 2.635 (1.14), 2.639 (0.81), 3.866 (0.46), 3.878 (1.06), 3.895 (0.91), 4.183 (0.43), 4.188 (0.44), 4.205 (1.12), 4.224 (0.89), 4.229 (0.73), 4.243 (0.75), 4.250 (1.08), 4.262 (0.91), 4.277 (0.46), 4.638 (0.83), 4.649 (1.02), 4.654 (1.33), 4.665 (1.06), 5.254 (0.54), 5.264 (1.14), 5.280 (1.10), 5.291 (0.50), 6.786 (2.22), 6.788 (2.18), 6.802 (2.42), 6.804 (2.32), 6.919 (1.16), 6.921 (1.08), 6.933 (2.26), 6.935 (2.11), 6.948 (1.31), 6.950 (1.18), 7.169 (1.12), 7.172 (1.16), 7.186 (1.76), 7.200 (0.93), 7.203 (0.89), 7.388 (1.80), 7.403 (1.70), 7.629 (1.72), 7.634 (4.02), 7.637 (8.89), 7.639 (16.00), 7.642 (4.87), 7.652 (2.18), 7.654 (1.91), 7.669 (1.82), 7.806 (2.51), 7.809 (2.42), 7.821 (2.05), 7.823 (1.86), 8.303 (1.86), 8.320 (1.72), 8.680 (8.25), 12.586 (0.91).
267	LC-MS (Method L6): Rt = 1.85 min; MS (ESIpos): m/z = 530 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.068 (1.35), 2.198 (1.21), 2.210 (1.21), 2.220 (1.14), 3.278 (5.85), 3.289 (6.25), 3.311 (12.56), 3.604 (16.00), 4.215 (0.92), 4.237 (1.78), 4.265 (2.72), 5.246 (1.68), 5.263 (1.68), 5.753 (4.55), 6.780 (2.37), 6.800 (2.65), 6.899 (1.40), 6.917 (2.61), 6.935 (1.60), 7.114 (2.89), 7.136 (3.72), 7.164 (2.76), 7.181 (4.24), 7.186 (4.32), 7.355 (2.53), 7.374 (2.43), 7.410 (2.28), 7.415 (2.25), 7.432 (2.02), 7.437 (1.87), 7.527 (0.74), 7.547 (0.73), 7.582 (0.60), 7.629 (6.11), 7.647 (3.02), 7.665 (1.10), 8.224 (2.04), 8.238 (1.98), 8.571 (5.47), 9.139 (2.37), 9.159 (2.29).
268	LC-MS (Method L6): Rt = 1.68 min; MS (ESIpos): m/z = 514 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (1.66), 2.032 (1.12), 2.040 (1.20), 2.051 (1.31), 2.057 (1.32), 2.067 (1.86), 2.072 (1.94), 2.082 (1.19), 2.090 (0.84), 2.178 (0.94), 2.187 (1.30), 2.199 (1.63), 2.211 (1.54), 2.221 (1.49), 2.233 (0.98), 2.242 (0.78), 2.254 (0.49), 2.669 (0.48), 3.233 (0.95), 3.245 (1.65), 3.264 (4.14), 3.277 (8.27), 3.290 (9.38), 3.303 (8.05), 3.310 (8.12), 3.608 (4.08), 3.694 (1.02), 3.841 (0.90), 3.860 (7.34), 3.871 (12.70), 3.882 (7.04), 3.901 (0.86), 4.165 (0.48), 4.175 (0.48), 4.183 (0.53), 4.208 (0.81), 4.216 (1.03), 4.236 (2.56), 4.244 (2.08), 4.257 (3.61), 4.267 (3.55), 4.274 (2.38), 4.283 (2.35), 4.296 (0.92), 4.302 (0.93), 5.186 (0.41), 5.232 (1.10), 5.246 (2.38), 5.265 (2.35), 5.280 (1.03), 5.753 (0.98), 6.749 (0.48), 6.780 (4.50), 6.800 (5.03), 6.834 (0.58), 6.854 (0.72), 6.871 (0.52), 6.897 (2.22), 6.916 (4.62), 6.934 (2.69), 6.999 (3.38), 7.007 (3.89), 7.021 (3.65), 7.029 (3.73), 7.042 (0.46), 7.075 (2.55), 7.087 (2.73), 7.098 (4.07), 7.110 (4.00), 7.143 (2.39), 7.147 (2.50), 7.164 (4.00), 7.176 (2.61), 7.184 (4.22), 7.197 (3.38), 7.205 (3.28), 7.219 (1.66), 7.228 (1.63), 7.245 (0.65), 7.265 (0.49), 7.355 (3.98), 7.373 (3.68), 7.519 (0.46), 7.540 (0.43), 7.584 (0.65), 7.599 (0.48), 7.609 (0.82), 7.615 (2.02), 7.629 (9.79), 7.648 (5.53), 7.666 (1.75), 8.217 (3.69), 8.223 (3.68), 8.236 (3.32), 8.242 (3.35), 8.280 (0.46), 8.532 (1.30), 8.572 (16.00), 9.118 (0.49), 9.140 (4.50), 9.160 (4.10).

269	LC-MS (Method L1): Rt = 0.75 min; MS (ESIpos): m/z = 530 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.88), -0.008 (8.18), 0.008 (7.45), 0.146 (0.90), 1.862 (1.33), 1.901 (1.64), 2.006 (1.70), 2.026 (2.93), 2.039 (3.18), 2.058 (1.87), 2.071 (1.25), 2.144 (1.40), 2.158 (1.62), 2.174 (1.40), 2.192 (1.09), 2.327 (1.27), 2.366 (0.88), 2.669 (1.35), 2.709 (0.82), 2.988 (0.49), 3.018 (0.82), 3.080 (0.76), 3.090 (0.82), 3.120 (0.64), 3.168 (3.38), 3.189 (1.64), 3.199 (1.70), 3.212 (1.83), 3.304 (6.01), 3.458 (2.03), 3.487 (2.61), 3.517 (1.76), 3.654 (0.60), 3.683 (1.07), 3.692 (1.19), 3.715 (2.54), 3.728 (1.58), 3.736 (1.37), 3.767 (0.66), 3.789 (1.35), 3.807 (1.58), 3.831 (1.83), 3.847 (3.20), 3.861 (2.56), 3.874 (3.40), 3.888 (1.23), 4.152 (7.55), 4.252 (5.35), 4.377 (2.97), 5.035 (0.45), 5.209 (1.89), 5.225 (1.93), 5.264 (0.43), 6.772 (4.37), 6.790 (5.03), 6.809 (0.90), 6.878 (2.19), 6.897 (4.78), 6.916 (3.30), 6.935 (0.49), 7.094 (6.19), 7.116 (7.26), 7.135 (2.60), 7.153 (4.41), 7.161 (6.99), 7.168 (8.02), 7.214 (1.25), 7.221 (1.29), 7.289 (3.71), 7.307 (3.41), 7.341 (0.72), 7.361 (0.64), 7.384 (4.27), 7.390 (4.02), 7.406 (3.71), 7.412 (3.61), 7.421 (3.04), 7.440 (4.06), 7.450 (1.05), 7.460 (3.61), 7.501 (5.07), 7.504 (5.29), 7.518 (3.34), 7.659 (1.00), 7.677 (1.58), 8.177 (16.00), 8.233 (4.10), 8.254 (3.80), 8.331 (8.27), 8.335 (8.60), 8.688 (2.58), 9.014 (2.13), 9.024 (2.44), 9.035 (2.24), 9.045 (2.24), 9.145 (0.62), 9.165 (0.59).
270	LC-MS (Method L6): Rt = 1.17 min; MS (ESIpos): m/z = 514 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.06), 0.008 (2.02), 1.862 (0.52), 1.902 (0.65), 1.991 (0.45), 2.008 (0.70), 2.029 (1.17), 2.041 (1.33), 2.052 (0.81), 2.062 (0.77), 2.074 (0.49), 2.085 (0.95), 2.145 (0.64), 2.159 (0.70), 2.175 (0.54), 2.194 (0.46), 3.468 (0.59), 3.498 (0.87), 3.528 (0.48), 3.592 (16.00), 3.702 (0.50), 3.722 (0.73), 3.738 (0.54), 3.795 (0.43), 3.813 (0.59), 3.833 (0.70), 3.855 (1.29), 3.868 (0.86), 3.881 (0.82), 3.893 (0.49), 4.151 (0.44), 4.241 (1.65), 4.254 (2.29), 4.378 (1.10), 5.041 (0.99), 5.210 (0.85), 5.224 (0.81), 5.753 (5.11), 6.773 (1.87), 6.793 (2.06), 6.877 (0.94), 6.896 (1.98), 6.914 (1.21), 6.988 (0.94), 6.995 (1.10), 7.010 (0.97), 7.018 (1.04), 7.061 (0.93), 7.072 (1.01), 7.084 (1.51), 7.095 (1.44), 7.136 (1.03), 7.156 (2.10), 7.165 (0.92), 7.177 (1.39), 7.186 (1.11), 7.200 (0.54), 7.208 (0.52), 7.289 (1.68), 7.307 (1.53), 7.430 (0.89), 7.448 (1.57), 7.469 (1.45), 7.511 (1.95), 7.528 (1.16), 8.134 (5.18), 8.235 (1.56), 8.256 (1.45), 8.331 (2.76), 8.335 (3.59), 9.027 (0.68), 9.036 (0.99), 9.047 (0.75), 9.057 (0.91).
271	LC-MS (Method L1): Rt = 0.78 min; MS (ESIpos): m/z = 568 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.150 (0.71), -0.008 (7.12), 0.008 (7.07), 0.146 (0.81), 1.157 (4.10), 1.175 (8.25), 1.192 (4.07), 1.234 (4.37), 1.258 (1.96), 1.298 (1.33), 1.759 (1.96), 1.913 (1.69), 1.988 (16.00), 2.051 (3.21), 2.153 (1.72), 2.168 (1.96), 2.328 (1.18), 2.366 (0.83), 2.669 (1.15), 3.482 (1.52), 3.509 (3.31), 3.537 (1.72), 3.601 (1.72), 3.749 (2.23), 3.858 (2.43), 3.871 (2.40), 3.884 (2.97), 3.898 (2.04), 4.003 (1.13), 4.021 (3.58), 4.038 (3.51), 4.056 (1.20), 4.179 (2.43), 4.265 (5.40), 4.372 (2.70), 5.035 (4.93), 5.231 (2.18), 5.753 (0.91), 6.782 (5.20), 6.802 (5.72), 6.891 (2.33), 6.910 (5.06), 6.928 (3.21), 7.141 (2.50), 7.162 (4.22), 7.184 (2.11), 7.304 (4.32), 7.322 (4.02), 7.480 (3.31), 7.499 (4.47), 7.519 (3.68), 7.757 (5.37), 7.774 (4.66), 7.854 (7.12), 7.898 (7.95), 7.970 (7.83), 8.137 (1.03), 8.299 (3.12), 8.322 (3.07), 8.420 (9.50), 8.427 (9.79), 8.804 (0.96), 9.056 (3.41), 9.075 (3.53).

272		LC-MS (Method L1): Rt = 0.74 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.150 (0.66), -0.008 (6.04), 0.008 (5.39), 0.146 (0.68), 1.902 (1.46), 1.911 (1.34), 2.001 (1.38), 2.011 (1.72), 2.032 (2.75), 2.042 (2.15), 2.148 (1.40), 2.161 (1.58), 2.177 (1.24), 2.195 (0.96), 2.270 (16.00), 2.327 (0.88), 2.332 (0.72), 2.366 (0.84), 2.522 (2.61), 2.669 (0.86), 2.709 (0.78), 3.209 (0.40), 3.232 (0.44), 3.479 (1.26), 3.507 (2.19), 3.537 (1.20), 3.738 (1.70), 3.758 (1.16), 3.790 (0.56), 3.813 (1.00), 3.830 (1.10), 3.848 (1.30), 3.857 (1.48), 3.870 (2.75), 3.883 (2.11), 3.896 (1.78), 3.909 (1.08), 4.169 (2.17), 4.244 (3.65), 4.256 (4.49), 4.374 (2.29), 5.034 (3.53), 5.212 (1.76), 5.225 (1.74), 5.233 (1.40), 5.753 (11.87), 6.774 (3.91), 6.793 (4.33), 6.881 (2.01), 6.900 (4.21), 6.918 (2.63), 7.135 (2.07), 7.138 (2.15), 7.156 (3.47), 7.174 (1.84), 7.177 (1.76), 7.240 (1.90), 7.247 (2.25), 7.254 (2.13), 7.261 (2.07), 7.295 (3.59), 7.314 (3.31), 7.405 (2.07), 7.411 (2.15), 7.420 (2.31), 7.426 (2.01), 7.458 (2.45), 7.477 (3.53), 7.498 (3.05), 7.604 (4.17), 7.621 (3.31), 8.133 (5.33), 8.299 (3.03), 8.321 (2.85), 8.361 (7.30), 8.365 (8.02), 8.733 (0.70), 9.030 (2.93), 9.051 (2.79).
273		LC-MS (Method L6): Rt = 1.74 min; MS (ESIpos): m/z = 504 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.37), 0.008 (2.35), 0.551 (0.53), 0.566 (0.84), 0.576 (1.24), 0.588 (1.45), 0.599 (1.08), 0.611 (1.48), 0.622 (1.39), 0.632 (0.86), 0.646 (0.65), 0.774 (0.62), 0.784 (0.88), 0.791 (1.19), 0.801 (1.30), 0.811 (1.67), 0.817 (1.59), 0.828 (1.34), 0.846 (0.86), 0.855 (0.59), 1.157 (4.26), 1.175 (8.61), 1.193 (4.39), 1.988 (16.00), 2.033 (0.49), 2.041 (0.65), 2.051 (0.77), 2.059 (0.84), 2.067 (1.09), 2.075 (1.07), 2.086 (1.16), 2.108 (0.49), 2.129 (0.92), 2.141 (0.96), 2.150 (0.81), 2.163 (0.50), 2.176 (0.40), 2.523 (1.27), 3.074 (1.32), 3.081 (1.31), 4.003 (1.26), 4.021 (3.80), 4.038 (3.76), 4.056 (1.22), 4.229 (0.56), 4.237 (0.42), 4.248 (1.37), 4.257 (1.41), 4.268 (1.85), 4.276 (1.87), 4.288 (1.35), 4.296 (1.55), 4.316 (0.56), 5.210 (0.65), 5.225 (1.45), 5.244 (1.46), 5.259 (0.63), 6.783 (2.84), 6.804 (3.11), 6.881 (1.36), 6.884 (1.39), 6.900 (2.84), 6.902 (2.84), 6.918 (1.71), 6.921 (1.66), 7.139 (1.38), 7.143 (1.48), 7.160 (2.30), 7.178 (1.14), 7.182 (1.14), 7.290 (2.42), 7.309 (2.25), 7.495 (2.03), 7.513 (2.65), 7.515 (2.51), 7.534 (2.35), 7.593 (1.59), 7.598 (3.85), 7.602 (4.25), 7.614 (14.30), 7.618 (8.44), 7.726 (3.30), 7.742 (2.69), 7.744 (2.68), 8.497 (2.63), 8.581 (9.25), 8.625 (2.55), 8.644 (2.39), 8.925 (2.56), 8.945 (2.48).
274		LC-MS (Method L1): Rt = 0.87 min; MS (ESIpos): m/z = 562 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.88), 0.146 (0.84), 2.052 (4.40), 2.066 (4.83), 2.214 (1.52), 2.327 (1.69), 2.367 (1.09), 2.669 (1.57), 2.709 (0.86), 3.395 (1.87), 3.910 (1.80), 3.929 (1.91), 4.172 (0.60), 4.289 (4.76), 4.731 (1.76), 4.745 (2.27), 4.764 (1.74), 5.301 (1.84), 5.318 (1.95), 6.770 (3.24), 6.790 (3.65), 6.854 (1.59), 6.872 (3.37), 6.890 (2.08), 7.129 (1.78), 7.146 (2.92), 7.165 (1.59), 7.303 (3.15), 7.322 (2.98), 7.643 (16.00), 7.674 (2.68), 7.808 (3.99), 7.825 (3.00), 8.323 (3.22), 8.343 (2.92), 8.686 (8.56), 9.294 (0.92), 12.581 (0.51).
275		LC-MS (Method L6): Rt = 1.37 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.899 (0.93), 2.033 (1.88), 2.162 (1.12), 2.178 (0.96), 2.337 (16.00), 2.669 (0.47), 3.305 (4.05), 3.485 (0.97), 3.512 (1.74), 3.538 (0.94), 3.742 (1.19), 3.817 (0.74), 3.849 (0.94), 3.873 (2.10), 3.885 (1.33), 3.899 (1.41), 3.911 (0.81), 4.257 (3.03), 4.375 (1.62), 5.036 (0.83), 5.212 (1.24), 6.773 (2.99), 6.793 (3.25), 6.884 (1.29), 6.902 (2.92), 6.920 (1.71), 7.138 (1.51), 7.157 (4.16), 7.174 (3.09), 7.296 (2.55), 7.314 (2.22), 7.418 (2.01), 7.431 (2.00), 7.467 (1.65), 7.484 (2.51), 7.506 (2.14), 7.606 (3.17), 7.623 (2.58), 8.136 (11.05), 8.306 (2.13), 8.327 (1.99), 8.361 (5.15), 8.365 (5.57), 9.029 (2.00), 9.051 (1.92).
276		LC-MS (Method L6): Rt = 0.80 min; MS (ESIpos): m/z = 522 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 8.98 (d, 1H), 8.47 (s, 1H), 8.22 (br d, 1H), 8.03 (br s, 1H), 7.74 (d, 1H), 7.52 - 7.66 (m, 4H), 7.33 (d, 1H), 7.15 (t, 1H), 6.90 (t, 1H), 6.78 (d, 1H), 5.18 - 5.33 (m, 1H), 4.19 - 4.33 (m, 2H), 3.80 (br s, 2H), 1.99 - 2.23 (m, 2H).

277		LC-MS (Method L2): Rt = 2.86 min; m/z = 460 (M+H)+.	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (d, J = 8.2 Hz, 1H), 8.53 (s, 1H), 8.28 (m, 1H), 7.78 – 7.62 (m, 2H), 7.51 (m, 1H), 7.35 (d, J = 7.1 Hz, 1H), 7.25 – 7.11 (m, 3H), 6.91 (m, 1H), 6.83 – 6.75 (m, 1H), 5.24 (q, J = 5.8 Hz, 1H), 4.25 (dt, J = 7.8, 4.8 Hz, 2H)
278		LC-MS (Method L2): Rt = 3.64 min, m/z = 520 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.17 (d, J = 8.1 Hz, 1H), 8.64 (s, 1H), 8.40 (dd, J = 9.4, 6.3 Hz, 1H), 7.70 (t, J = 9.1 Hz, 1H), 7.65 – 7.55 (m, 1H), 7.36 (d, J = 6.8 Hz, 1H), 7.30 – 7.21 (m, 2H), 7.20 – 7.13 (m, 1H), 6.95 – 6.87 (m, 1H), 6.79 (dd, J = 8.2,
279		LC-MS (Method L3): Rt = 3.83 min, m/z = 478 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (d, J = 8.2 Hz, 1H), 8.55 (s, 1H), 8.37 (dd, J = 9.4, 6.3 Hz, 1H), 7.68 – 7.54 (m, 2H), 7.34 (d, J = 6.8 Hz, 1H), 7.30 – 7.20 (m, 2H), 7.20 – 7.12 (m, 1H), 6.94 – 6.87 (m, 1H), 6.79 (dd, J = 8.2, 1.1 Hz, 1H), 5.27 – 5.19 (
280		LC-MS (Method L1): Rt = 0.89 min; MS (ESIpos): m/z = 507 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.19 (d, 1H), 8.62 (s, 1H), 8.57 (s, 1H), 8.34 (dd, 1H), 7.81 - 7.90 (m, 2H), 7.75 (dd, 1H), 7.47 - 7.56 (m, 2H), 7.36 (d, 1H), 7.12 - 7.21 (m, 1H), 6.87 - 6.97 (m, 1H), 6.79 (d, 1H), 5.20 - 5.32 (m, 1H), 4.18 - 4.33 (m, 2H), 3.89 (t, 4H), 2.16 - 2.28 (m, 1H), 2.00 - 2.11 (m, 1H).
281		LC-MS (Method L6): Rt = 1.59 min; MS (ESIpos): m/z = 576 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.22), 0.008 (1.27), 2.023 (0.43), 2.058 (0.74), 2.065 (0.63), 2.129 (0.65), 2.148 (0.95), 2.159 (1.39), 2.178 (1.50), 2.197 (0.65), 2.259 (0.60), 2.271 (0.78), 2.289 (0.71), 2.322 (0.52), 2.327 (0.59), 2.523 (1.62), 2.670 (0.57), 3.336 (1.52), 3.354 (0.97), 3.632 (0.46), 3.644 (0.81), 3.656 (0.92), 3.663 (0.86), 3.688 (16.00), 3.711 (1.43), 3.729 (0.81), 3.736 (1.08), 3.764 (1.60), 3.783 (1.39), 3.798 (1.66), 3.815 (1.41), 3.823 (0.84), 3.840 (0.60), 4.236 (1.01), 4.248 (1.31), 4.259 (1.81), 4.273 (1.00), 5.212 (0.93), 5.232 (0.97), 5.245 (0.41), 5.754 (0.44), 6.784 (1.82), 6.804 (1.98), 6.899 (0.92), 6.915 (1.93), 6.934 (1.14), 7.149 (0.92), 7.153 (0.95), 7.170 (1.52), 7.187 (0.76), 7.334 (1.55), 7.352 (1.44), 7.548 (1.35), 7.566 (1.81), 7.569 (1.62), 7.587 (1.49), 7.625 (12.56), 7.756 (2.12), 7.771 (1.68), 7.774 (1.70), 8.265 (1.73), 8.287 (1.54), 8.530 (5.88), 9.104 (1.73), 9.124 (1.66).
282		LC-MS (Method L6): Rt = 1.57 min; MS (ESIpos): m/z = 576 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.90), 0.008 (1.01), 1.356 (0.76), 2.020 (0.41), 2.030 (0.40), 2.056 (0.64), 2.064 (0.53), 2.115 (0.57), 2.134 (0.66), 2.146 (0.97), 2.164 (1.20), 2.184 (0.89), 2.196 (0.51), 2.261 (0.56), 2.273 (0.71), 2.280 (0.50), 2.292 (0.68), 2.323 (0.44), 2.327 (0.41), 2.523 (1.03), 3.333 (1.42), 3.352 (0.88), 3.653 (0.41), 3.665 (0.84), 3.684 (16.00), 3.702 (0.75), 3.721 (1.33), 3.739 (0.72), 3.745 (0.78), 3.776 (2.18), 3.779 (2.21), 3.797 (2.25), 4.241 (0.94), 4.250 (1.38), 4.261 (1.78), 5.218 (0.84), 5.238 (0.83), 5.754 (1.01), 6.784 (1.63), 6.804 (1.77), 6.895 (0.78), 6.897 (0.81), 6.915 (1.64), 6.932 (0.96), 6.934 (0.96), 7.147 (0.79), 7.151 (0.87), 7.168 (1.32), 7.186 (0.66), 7.190 (0.67), 7.328 (1.35), 7.345 (1.25), 7.544 (1.16), 7.562 (1.51), 7.566 (1.48), 7.584 (1.38), 7.624 (12.39), 7.752 (1.74), 7.755 (1.89), 7.770 (1.51), 7.772 (1.51), 8.250 (1.50), 8.253 (1.57), 8.271 (1.41), 8.274 (1.38), 8.524 (5.96), 9.102 (1.54), 9.123 (1.50).
283		LC-MS (Method L6): Rt = 0.81 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.05 (d, 1H), 8.44 (s, 1H), 8.29 (d, 1H), 7.71 (d, 1H), 7.57 - 7.64 (m, 3H), 7.44 - 7.52 (m, 1H), 7.32 (d, 1H), 7.11 - 7.20 (m, 1H), 6.87 - 6.95 (m, 1H), 6.79 (d, 1H), 5.18 - 5.28 (m, 1H), 5.03 (d, 1H), 4.36 (br s, 1H), 4.27 (br t, 2H), 3.79 - 3.93 (m, 2H), 3.68 - 3.79 (m, 1H), 3.49 (br d, 1H), 2.12 - 2.24 (m, 1H), 1.97 - 2.10 (m, 2H), 1.89 (br d, 1H).
284		LC-MS (Method L6): Rt = 0.82 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.05 (d, 1H), 8.43 (s, 1H), 8.29 (d, 1H), 7.72 (d, 1H), 7.57 - 7.65 (m, 3H), 7.45 - 7.51 (m, 1H), 7.32 (d, 1H), 7.17 (t, 1H), 6.92 (t, 1H), 6.79 (d, 1H), 5.22 (br d, 1H), 5.03 (d, 1H), 4.37 (br s, 1H), 4.20 - 4.31 (m, 2H), 3.68 - 3.91 (m, 3H), 3.51 (br d, 1H), 2.18 (br dd, 1H), 2.03 (br dd, 2H), 1.91 (br s, 1H).

285	4,62		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.2548 (2.04); 9.2345 (2.1); 8.7855 (7.26); 8.3664 (2.02); 8.3479 (2.11); 8.3453 (2.18); 7.8787 (1.74); 7.8758 (1.94); 7.861 (2.47); 7.8581 (2.48); 7.7622 (1.94); 7.7414 (2.32); 7.7231 (1.43); 7.6547 (16); 7.377 (1.84); 7.3585 (1.98); 7.2033 (0.85); 7.1998 (0.91); 7.1823 (1.91); 7.1646 (1.15); 7.1615 (1.18); 6.9343 (1.34); 6.9157 (2.31); 6.8969 (1.1); 6.8176 (2.6); 6.7972 (2.33); 5.7568 (1.47); 5.3034 (0.53); 5.2897 (1.2); 5.2703 (1.21); 5.2561 (0.53); 4.2926 (1.27); 4.2792 (2.34); 4.2671 (1.8); 4.2581 (1.3); 4.2376 (0.33); 4.0706 (0.7); 4.0524 (2.63); 4.0345 (4.44); 4.0171 (4.89); 3.9996 (4.19); 3.9816 (2.38); 3.9627 (0.67); 3.6304 (3.62); 3.6065 (3.63); 3.3187 (31.43); 3.1462 (13.89); 2.6701 (0.58); 2.6659 (0.46); 2.5055 (77.14); 2.5012 (101.26); 2.4969 (75.96); 2.3321 (0.47); 2.3281 (0.61); 2.3241 (0.48); 2.2488 (0.44); 2.2418 (0.43); 2.2281 (0.71); 2.2163 (0.79); 2.2064 (0.75); 2.1941 (0.66); 2.1845 (0.36); 2.0978 (0.77); 2.0895 (0.89); 2.078 (0.63); 2.0643 (0.6); 2.0543 (0.57); 1.9886 (5.88); 1.3664 (0.32); 1.2071 (5.79); 1.1896 (12.06); 1.1762 (7.45); 1.1746 (7.59); 1.1724 (7.64); 1.1593 (11.84); 1.1417 (5.55); 0.0079 (0.56); -0.0002 (11.57)
286		LC-MS (Method L1): Rt = 0.71 min; MS (ESIpos): m/z = 547 [M+H]+	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 0.226 (1.29), 0.233 (4.30), 0.237 (4.63), 0.239 (4.52), 0.243 (4.88), 0.249 (1.40), 0.340 (1.52), 0.346 (4.07), 0.350 (4.50), 0.357 (4.85), 0.360 (3.44), 0.368 (1.04), 1.356 (1.85), 2.038 (0.54), 2.043 (0.74), 2.048 (0.90), 2.055 (1.09), 2.058 (1.29), 2.064 (1.93), 2.069 (2.31), 2.075 (2.90), 2.080 (1.94), 2.085 (1.35), 2.091 (0.59), 2.138 (0.52), 2.147 (0.75), 2.153 (0.91), 2.160 (1.03), 2.166 (0.97), 2.175 (0.71), 2.183 (0.72), 2.430 (0.61), 2.875 (2.56), 2.886 (5.07), 2.896 (2.59), 3.568 (1.55), 3.578 (3.52), 3.587 (3.45), 3.597 (1.35), 4.235 (0.44), 4.240 (0.64), 4.246 (0.51), 4.253 (1.67), 4.259 (1.50), 4.267 (2.05), 4.272 (2.07), 4.280 (1.42), 4.285 (1.84), 4.291 (0.49), 4.299 (0.60), 4.304 (0.43), 5.243 (0.77), 5.253 (1.54), 5.266 (1.49), 5.276 (0.69), 6.785 (2.94), 6.787 (3.06), 6.799 (3.15), 6.801 (3.19), 6.884 (1.60), 6.886 (1.58), 6.897 (3.02), 6.899 (2.96), 6.909 (1.78), 6.911 (1.69), 7.149 (1.45), 7.151 (1.48), 7.163 (2.43), 7.174 (1.26), 7.177 (1.19), 7.299 (2.47), 7.312 (2.33), 7.525 (2.41), 7.537 (2.93), 7.539 (2.68), 7.552 (2.48), 7.603 (2.71), 7.606 (5.93), 7.609 (4.64), 7.625 (16.00), 7.628 (11.38), 7.728 (0.51), 7.731 (0.49), 7.740 (3.43), 7.741 (3.45), 7.751 (2.98), 7.753 (2.90), 7.908 (1.67), 8.353 (2.70), 8.354 (2.72), 8.367 (2.61), 8.369 (2.48), 8.549 (9.74), 8.991 (2.87), 9.004 (2.73).
287		LC-MS (Method L1): Rt = 0.98 min; MS (ESIpos): m/z = 548 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.52), 0.146 (0.53), 1.883 (0.77), 1.896 (0.94), 1.912 (1.02), 1.927 (1.11), 1.943 (1.13), 1.961 (0.80), 1.971 (1.04), 1.990 (1.32), 2.009 (0.93), 2.061 (1.59), 2.074 (1.40), 2.084 (1.11), 2.098 (1.33), 2.109 (1.05), 2.191 (2.00), 2.202 (1.93), 2.226 (1.16), 2.240 (0.86), 2.327 (0.57), 2.366 (0.54), 2.669 (0.58), 2.710 (0.53), 3.225 (0.66), 3.239 (1.63), 3.252 (3.85), 3.266 (3.91), 3.279 (2.86), 3.800 (0.70), 3.818 (1.59), 3.838 (1.38), 3.857 (0.53), 4.279 (3.25), 4.293 (5.39), 4.304 (3.56), 4.768 (1.59), 4.782 (3.24), 4.795 (1.56), 5.260 (0.71), 5.274 (1.51), 5.293 (1.51), 5.308 (0.71), 6.778 (2.68), 6.798 (3.02), 6.875 (1.45), 6.893 (3.03), 6.912 (1.75), 7.138 (1.46), 7.156 (2.35), 7.176 (1.18), 7.292 (2.47), 7.310 (2.24), 7.600 (1.83), 7.621 (2.91), 7.638 (16.00), 7.787 (3.16), 7.804 (2.53), 8.227 (2.56), 8.249 (2.35), 8.638 (8.70), 9.180 (2.48), 9.201 (2.46).

288		LC-MS (Method L1): Rt = 0.99 min; MS (ESIpos): m/z = 548 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.41), -0.008 (3.63), 0.008 (3.20), 0.146 (0.42), 0.853 (0.41), 1.235 (1.98), 1.571 (1.78), 1.770 (0.57), 1.783 (0.70), 1.800 (0.80), 1.813 (0.68), 1.832 (0.43), 1.896 (0.87), 1.916 (1.53), 1.934 (1.55), 1.951 (0.86), 1.997 (0.58), 2.004 (0.58), 2.018 (0.64), 2.032 (0.84), 2.105 (0.65), 2.117 (0.95), 2.135 (0.76), 2.149 (0.82), 2.172 (0.84), 2.185 (0.78), 2.193 (0.74), 2.206 (0.55), 2.327 (0.80), 2.366 (0.49), 2.523 (2.44), 2.665 (0.62), 2.669 (0.80), 2.709 (0.47), 3.168 (2.40), 3.202 (3.42), 3.235 (0.84), 3.730 (0.53), 3.748 (1.27), 3.769 (1.21), 3.787 (0.48), 4.172 (0.78), 4.196 (1.49), 4.202 (1.69), 4.217 (1.98), 4.233 (1.24), 4.246 (1.34), 4.252 (1.02), 4.262 (1.06), 4.273 (0.58), 4.281 (0.53), 4.775 (0.76), 5.232 (0.50), 5.246 (1.11), 5.266 (1.12), 5.280 (0.50), 6.792 (2.30), 6.813 (2.51), 6.929 (1.14), 6.946 (2.23), 6.964 (1.27), 7.169 (1.12), 7.173 (1.19), 7.190 (1.80), 7.208 (0.87), 7.409 (1.87), 7.427 (1.76), 7.603 (1.59), 7.622 (2.28), 7.625 (2.41), 7.637 (16.00), 7.651 (0.76), 7.789 (2.46), 7.804 (1.99), 8.208 (1.97), 8.227 (1.82), 8.554 (0.70), 8.654 (8.22), 9.267 (1.92), 9.288 (1.85).
289		LC-MS (Method L4): Rt = 2.19 min; MS (ESIneg): m/z = 545 [M-H]-	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.41), 0.853 (0.82), 0.936 (14.10), 0.967 (12.05), 0.979 (4.08), 1.010 (0.93), 1.091 (4.11), 1.112 (3.92), 1.128 (1.36), 1.141 (1.26), 1.209 (11.78), 1.226 (11.85), 1.257 (0.62), 1.863 (0.62), 2.038 (2.45), 2.070 (3.11), 2.086 (2.26), 2.124 (1.91), 2.137 (1.96), 2.328 (0.85), 2.366 (0.73), 2.524 (1.17), 2.670 (0.58), 2.711 (3.09), 3.066 (0.92), 3.075 (0.86), 4.217 (1.18), 4.236 (2.48), 4.254 (2.47), 4.264 (2.19), 4.277 (2.14), 4.296 (2.20), 4.323 (1.05), 5.256 (1.20), 5.271 (2.47), 5.288 (2.36), 5.754 (6.01), 6.779 (4.19), 6.800 (4.70), 6.850 (1.07), 6.869 (3.08), 6.886 (3.51), 6.904 (1.82), 6.921 (0.41), 7.137 (2.50), 7.155 (4.01), 7.173 (2.04), 7.246 (2.37), 7.268 (3.62), 7.289 (1.98), 7.527 (2.12), 7.546 (3.59), 7.566 (2.59), 7.595 (5.35), 7.599 (4.71), 7.629 (16.00), 7.633 (13.65), 7.755 (4.31), 7.772 (3.86), 8.153 (1.08), 8.195 (5.33), 8.334 (0.71), 8.562 (0.74), 8.585 (0.69), 8.632 (2.97), 8.640 (2.11), 8.653 (2.92), 8.664 (5.42), 8.676 (5.87), 8.916 (1.70), 8.935 (3.21), 8.955 (1.84), 8.981 (0.70), 9.001 (0.72), 9.015 (0.69), 9.035 (0.60), 9.091 (0.68), 9.148 (0.75).
290		LC-MS (Method L6): Rt = 2.50 min; MS (ESIpos): m/z = 548 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.02), -0.008 (8.92), 0.008 (8.60), 0.146 (1.00), 1.135 (7.45), 1.150 (7.45), 2.092 (0.86), 2.210 (0.77), 2.222 (0.70), 2.232 (0.75), 2.327 (1.38), 2.366 (0.75), 2.522 (3.76), 2.669 (1.31), 2.709 (0.68), 3.011 (0.88), 3.040 (1.40), 3.065 (1.22), 3.171 (0.86), 3.203 (2.49), 3.237 (1.13), 3.271 (0.95), 3.882 (0.86), 3.904 (1.86), 3.928 (2.90), 4.252 (1.18), 4.260 (1.02), 4.272 (1.81), 4.281 (1.77), 4.297 (0.97), 5.264 (1.11), 5.285 (1.13), 5.754 (6.81), 6.791 (2.20), 6.811 (2.42), 6.898 (1.09), 6.916 (2.17), 6.932 (1.24), 7.158 (1.11), 7.175 (1.77), 7.193 (0.88), 7.373 (1.83), 7.390 (1.67), 7.639 (16.00), 7.682 (1.45), 7.700 (2.08), 7.720 (1.88), 7.832 (2.51), 7.847 (1.92), 8.269 (2.08), 8.287 (1.92), 8.703 (7.92), 9.162 (1.99), 9.182 (1.90).
291		LC-MS (Method L1): Rt = 0.74 min; MS (ESIneg): m/z = 549 [M-H]-	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 0.005 (0.51), 1.849 (0.72), 1.904 (0.43), 1.909 (0.44), 2.009 (0.42), 2.029 (0.63), 2.039 (0.75), 2.044 (0.67), 2.050 (0.81), 2.054 (0.88), 2.060 (0.72), 2.086 (1.13), 2.161 (0.42), 2.169 (0.75), 2.177 (0.71), 2.184 (0.86), 2.191 (0.78), 2.205 (0.57), 2.517 (0.75), 2.520 (0.73), 2.523 (0.59), 3.517 (0.55), 3.523 (0.43), 3.529 (0.50), 3.553 (0.60), 3.563 (1.79), 3.570 (1.96), 3.578 (0.98), 3.712 (0.61), 3.733 (0.80), 3.751 (0.73), 3.758 (0.72), 3.773 (0.86), 3.777 (1.00), 3.791 (1.38), 3.794 (1.30), 3.803 (1.20), 3.806 (1.23), 4.147 (0.64), 4.191 (0.42), 4.213 (0.68), 4.217 (0.52), 4.233 (0.62), 4.240 (1.21), 4.245 (0.85), 4.253 (2.20), 4.259 (2.32), 4.263 (2.48), 4.271 (1.51), 4.979 (0.68), 4.998 (0.65), 5.070 (0.63), 5.090 (0.60), 5.216 (0.57), 5.226 (1.21), 5.238 (1.18), 5.247 (0.54), 5.761 (0.76), 6.787 (2.54), 6.801 (2.68), 6.909 (1.25), 6.922 (2.41), 6.934 (1.36), 7.154 (1.22), 7.167 (1.95), 7.180 (1.02), 7.326 (1.05), 7.339 (1.97), 7.351 (1.01), 7.504 (1.06), 7.507 (1.14), 7.519 (2.23), 7.531 (1.20), 7.533 (1.22), 7.621 (16.00), 7.737 (2.63), 7.739 (2.75), 7.749 (2.42), 7.751 (2.42), 8.247 (1.17), 8.261 (2.15), 8.276 (1.14), 8.463 (4.46), 8.474 (4.71), 9.093 (1.35), 9.100 (1.40), 9.107 (1.41), 9.114 (1.26).

292		LC-MS (Method L1): Rt = 0.92 min; MS (ESIneg): m/z = 546 [M-H]-	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 0.005 (0.57), 1.860 (0.51), 1.871 (0.77), 1.882 (0.62), 1.890 (0.44), 1.909 (0.41), 1.923 (0.56), 1.930 (0.52), 1.934 (0.54), 1.940 (0.70), 1.946 (0.52), 1.954 (0.72), 1.961 (0.49), 1.974 (0.44), 2.035 (0.45), 2.040 (0.47), 2.049 (0.93), 2.060 (0.97), 2.069 (0.59), 2.080 (0.42), 2.086 (1.00), 2.383 (0.46), 2.386 (0.48), 2.389 (0.45), 2.475 (0.54), 2.482 (0.97), 2.517 (1.22), 2.520 (1.25), 2.523 (0.98), 2.846 (0.43), 2.859 (0.55), 2.871 (0.67), 2.888 (0.55), 2.973 (0.59), 2.988 (0.60), 3.000 (0.43), 3.307 (0.67), 3.386 (0.42), 3.399 (0.44), 3.808 (0.49), 3.822 (0.49), 3.904 (0.48), 3.918 (0.47), 4.649 (0.59), 4.659 (0.66), 4.663 (0.57), 4.672 (0.44), 4.757 (0.59), 4.766 (0.67), 4.771 (0.55), 4.779 (0.49), 5.535 (0.60), 5.547 (0.59), 5.578 (0.65), 5.591 (0.64), 5.761 (4.08), 7.186 (0.77), 7.198 (0.64), 7.207 (0.58), 7.219 (1.00), 7.233 (0.76), 7.237 (0.74), 7.239 (0.73), 7.244 (1.42), 7.248 (0.86), 7.251 (0.95), 7.254 (1.18), 7.258 (1.17), 7.275 (0.96), 7.286 (0.49), 7.362 (0.89), 7.374 (0.74), 7.450 (0.61), 7.453 (0.66), 7.464 (0.59), 7.623 (0.42), 7.636 (0.92), 7.639 (2.00), 7.644 (16.00), 7.646 (12.97), 7.651 (1.35), 7.654 (1.10), 7.657 (1.10), 7.659 (0.98), 7.665 (0.95), 7.671 (0.88), 7.806 (1.15), 7.809 (1.53), 7.812 (1.33), 7.818 (1.12), 7.821 (1.26), 7.824 (0.95), 8.291 (0.84), 8.293 (0.83), 8.305 (0.81), 8.308 (0.78), 8.314 (0.95), 8.316 (0.95), 8.328 (0.80), 8.330 (0.76), 8.697 (6.20).
293		LC-MS (Method L3): Rt = 4.24 min; m/z = 484/486 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.11 (d, J = 8.2 Hz, 1H), 8.61 (s, 1H), 8.22 (dd, J = 8.5, 1.4 Hz, 1H), 7.79 (dd, J = 7.1, 1.4 Hz, 1H), 7.64 (dd, J = 8.5, 7.1 Hz, 1H), 7.46 (d, J = 1.9 Hz, 1H), 7.36 (d, J = 6.8 Hz, 1H), 7.29 (d, J = 2.0 Hz, 1H), 7.21 – 7.14 (m, 1H), 6.97 – 6.88 (m, 1H), 6.80 (dd, J = 8.2, 1.1 Hz, 1H), 5.30 – 5.20 (m, 1H), 4.34 – 4.18 (m, 2H), 3.06 (s, 6H), 2.79 (s, 6H), 2.27 – 2.14 (m, 1H), 2.13 – 1.97 (m, 1H).
294		LC-MS (Method L3): Rt = 3.20 min; m/z = 501/503 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.10 (d, J = 8.2 Hz, 1H), 8.60 (s, 1H), 8.19 (dd, J = 8.5, 1.5 Hz, 1H), 7.72 (dd, J = 7.1, 1.5 Hz, 1H), 7.61 (dd, J = 8.4, 7.1 Hz, 1H), 7.36 (d, J = 6.7 Hz, 1H), 7.22 – 7.12 (m, 1H), 6.97 – 6.88 (m, 1H), 6.86 – 6.76 (m, 3H), 6.
295		LC-MS (Method L1): Rt = 0.74 min; MS (ESIpos): m/z = 532 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.900 (1.01), 1.909 (0.98), 2.019 (1.52), 2.030 (1.94), 2.148 (0.92), 2.162 (1.06), 2.178 (0.86), 2.194 (0.65), 2.399 (16.00), 3.169 (5.63), 3.232 (0.41), 3.305 (3.16), 3.314 (2.97), 3.479 (0.92), 3.506 (1.78), 3.533 (0.99), 3.711 (0.62), 3.734 (1.27), 3.755 (0.85), 3.789 (0.43), 3.811 (0.79), 3.829 (0.80), 3.845 (0.92), 3.856 (1.20), 3.866 (2.03), 3.879 (1.33), 3.894 (1.36), 3.905 (0.71), 4.165 (0.98), 4.256 (3.16), 4.374 (1.70), 5.034 (0.67), 5.214 (1.23), 5.226 (1.24), 6.773 (2.58), 6.793 (2.90), 6.882 (1.30), 6.901 (2.73), 6.919 (1.67), 7.135 (1.40), 7.156 (2.32), 7.174 (1.20), 7.296 (4.04), 7.311 (2.43), 7.323 (2.78), 7.424 (2.66), 7.441 (2.63), 7.460 (1.52), 7.478 (2.53), 7.499 (1.95), 7.614 (2.84), 7.632 (2.37), 8.137 (4.85), 8.291 (2.22), 8.313 (2.08), 8.357 (5.32), 9.028 (1.63), 9.032 (1.65), 9.048 (1.65).
296		LC-MS (Method L6): Rt = 1.34 min; MS (ESIpos): m/z = 424 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.98), 0.008 (2.08), 3.063 (16.00), 4.243 (0.55), 4.262 (0.79), 4.270 (0.88), 4.283 (0.48), 5.248 (0.49), 5.268 (0.51), 6.785 (1.01), 6.805 (1.09), 6.905 (0.49), 6.923 (0.99), 6.939 (0.58), 7.150 (0.51), 7.167 (0.80), 7.348 (0.87), 7.366 (0.87), 7.378 (1.07), 7.396 (0.89), 7.428 (1.31), 7.447 (2.17), 7.465 (0.96), 7.574 (2.11), 7.591 (1.75), 7.595 (1.21), 7.614 (0.67), 7.632 (1.09), 7.652 (1.07), 7.697 (1.20), 7.701 (1.29), 7.715 (0.80), 7.719 (0.73), 8.174 (1.00), 8.177 (1.02), 8.195 (0.93), 8.199 (0.88), 8.583 (3.79), 9.068 (0.83), 9.088 (0.78).

297		LC-MS (Method L1): Rt = 0.84 min; MS (ESIpos): m/z = 492 [M+H]+	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 0.005 (0.54), 1.175 (0.51), 1.233 (0.88), 1.945 (0.48), 1.959 (1.35), 1.966 (0.68), 1.973 (1.44), 1.980 (1.50), 1.987 (0.67), 1.990 (0.61), 1.994 (1.45), 2.008 (0.53), 2.086 (2.18), 2.451 (0.53), 2.457 (0.63), 2.464 (1.16), 2.470 (1.43), 2.477 (1.47), 2.485 (1.96), 2.517 (0.87), 2.520 (0.88), 2.524 (0.72), 2.822 (0.63), 2.835 (1.18), 2.849 (1.35), 2.862 (1.68), 2.875 (0.78), 2.969 (1.03), 2.975 (1.07), 2.984 (1.12), 2.989 (1.08), 2.995 (0.85), 3.001 (0.81), 3.010 (0.76), 3.016 (0.67), 3.588 (0.86), 3.598 (2.43), 3.602 (2.62), 3.608 (3.14), 3.617 (1.76), 3.632 (0.42), 3.652 (3.34), 3.661 (4.14), 3.669 (1.71), 4.909 (0.68), 5.519 (0.77), 5.533 (2.21), 5.546 (2.18), 5.559 (0.73), 7.191 (0.82), 7.203 (2.41), 7.213 (3.76), 7.216 (3.96), 7.225 (2.72), 7.227 (2.72), 7.237 (1.21), 7.262 (3.11), 7.273 (1.90), 7.357 (2.79), 7.369 (2.30), 7.526 (2.39), 7.538 (2.98), 7.540 (2.73), 7.552 (2.48), 7.608 (2.68), 7.611 (5.84), 7.614 (4.57), 7.628 (15.29), 7.632 (11.06), 7.741 (3.49), 7.743 (3.42), 7.753 (3.14), 7.755 (2.91), 8.061 (1.26), 8.137 (16.00), 8.392 (2.82), 8.394 (2.80), 8.407 (2.71), 8.573 (9.90), 8.877 (2.88), 8.891 (2.74).
298		LC-MS (Method L1): Rt = 0.94 min; MS (ESIpos): m/z = 506 [M+H]+	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 0.005 (0.41), 1.942 (0.52), 1.957 (1.44), 1.963 (0.74), 1.970 (1.55), 1.977 (1.60), 1.984 (0.73), 1.991 (1.56), 2.005 (0.56), 2.450 (0.57), 2.456 (0.67), 2.463 (1.22), 2.469 (1.51), 2.476 (1.48), 2.484 (1.77), 2.517 (0.76), 2.520 (0.73), 2.523 (0.57), 2.826 (0.69), 2.839 (1.33), 2.852 (1.51), 2.866 (1.87), 2.879 (0.87), 2.972 (1.15), 2.978 (1.19), 2.987 (1.24), 2.993 (1.19), 2.999 (0.94), 3.004 (0.89), 3.013 (0.85), 3.019 (0.75), 3.338 (3.68), 3.398 (0.51), 3.558 (0.53), 3.568 (2.60), 3.576 (6.35), 3.585 (4.12), 3.684 (1.95), 3.692 (4.19), 3.701 (3.62), 3.710 (1.33), 5.515 (0.84), 5.528 (2.43), 5.541 (2.41), 5.555 (0.80), 7.195 (0.86), 7.207 (2.64), 7.216 (3.91), 7.219 (4.26), 7.228 (2.98), 7.230 (2.98), 7.240 (1.27), 7.265 (3.39), 7.276 (2.07), 7.355 (2.95), 7.366 (2.41), 7.533 (1.96), 7.545 (2.81), 7.559 (2.13), 7.613 (4.94), 7.617 (4.00), 7.629 (16.00), 7.632 (10.79), 7.748 (3.54), 7.760 (3.14), 8.100 (1.02), 8.136 (6.62), 8.382 (2.78), 8.396 (2.64), 8.586 (8.69), 8.913 (2.35), 8.927 (2.27).
299		LC-MS (Method L6): Rt = 1.72 min; MS (ESIpos): m/z = 546 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 11.89 (d, 1H), 8.62 (s, 1H), 8.16 (d, 1H), 7.70 (d, 1H), 7.58 - 7.66 (m, 3H), 7.50 - 7.58 (m, 1H), 7.10 - 7.30 (m, 4H), 5.51 - 5.65 (m, 1H), 4.70 (br d, 1H), 3.95 (br d, 1H), 3.17 (br s, 1H), 2.76 - 2.99 (m, 2H), 2.30 - 2.43 (m, 3H), 1.88 - 2.08 (m, 4H).
300	2,6	LC-MS (Method L1): Rt = 1.14 min; MS (ESIpos): m/z = 546 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 2.060 (0.42), 2.066 (0.45), 2.075 (0.47), 2.088 (0.65), 2.094 (0.56), 2.183 (0.44), 2.193 (0.60), 2.203 (0.58), 2.210 (0.55), 2.443 (1.65), 2.460 (1.72), 3.126 (0.42), 3.139 (0.95), 3.155 (0.91), 3.168 (0.40), 3.453 (1.32), 3.468 (1.45), 3.473 (1.52), 3.487 (1.39), 3.880 (1.72), 3.887 (1.73), 3.902 (1.54), 3.909 (1.48), 4.231 (0.98), 4.237 (0.78), 4.247 (1.45), 4.254 (1.38), 4.268 (0.84), 4.653 (1.89), 4.662 (1.90), 5.254 (0.43), 5.266 (0.90), 5.281 (0.89), 6.781 (1.78), 6.797 (1.91), 6.891 (0.89), 6.906 (1.77), 6.921 (0.96), 7.149 (0.84), 7.152 (0.86), 7.166 (1.42), 7.180 (0.70), 7.389 (1.48), 7.403 (1.38), 7.651 (16.00), 7.694 (1.17), 7.708 (1.63), 7.725 (1.38), 7.846 (1.88), 7.859 (1.51), 8.297 (1.59), 8.313 (1.46), 8.833 (5.84), 9.232 (1.60), 9.248 (1.53).
301	3,3	LC-MS (Method L1): Rt = 1.21 min; MS (ESIpos): m/z = 576 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 0.006 (0.68), 2.065 (0.46), 2.072 (0.53), 2.084 (0.50), 2.093 (0.68), 2.099 (0.58), 2.106 (0.41), 2.204 (0.47), 2.213 (0.62), 2.222 (0.62), 2.230 (0.60), 2.518 (0.74), 3.356 (1.31), 3.379 (1.39), 3.420 (1.28), 3.443 (1.40), 3.759 (0.97), 3.785 (1.89), 3.799 (2.05), 3.813 (2.09), 3.819 (1.80), 4.030 (0.93), 4.054 (2.69), 4.066 (2.67), 4.084 (2.39), 4.108 (0.98), 4.252 (1.06), 4.258 (0.86), 4.268 (1.59), 4.275 (1.59), 4.288 (0.92), 5.257 (0.45), 5.269 (0.98), 5.284 (0.95), 5.295 (0.42), 6.789 (1.89), 6.805 (2.04), 6.916 (0.91), 6.931 (1.88), 6.946 (1.06), 7.155 (0.89), 7.158 (0.91), 7.172 (1.53), 7.186 (0.73), 7.396 (1.60), 7.410 (1.49), 7.641 (16.00), 7.674 (1.24), 7.688 (1.77), 7.705 (1.45), 7.813 (1.96), 7.815 (1.98), 7.827 (1.59), 8.614 (1.68), 8.631 (1.59), 8.696 (5.91), 9.169 (1.74), 9.186 (1.68).

302		LC-MS (Method L1): Rt = 1.32 min; MS (ESIpos): m/z = 560 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 0.006 (1.48), 1.977 (2.45), 1.985 (3.20), 2.061 (0.94), 2.067 (1.00), 2.073 (1.28), 2.089 (1.37), 2.094 (1.18), 2.101 (0.84), 2.107 (0.62), 2.196 (0.68), 2.205 (1.01), 2.212 (1.42), 2.222 (1.44), 2.230 (1.70), 2.240 (1.49), 2.252 (3.88), 2.271 (3.21), 2.292 (0.43), 2.361 (0.59), 2.518 (1.55), 2.522 (1.14), 2.635 (0.56), 2.976 (2.42), 2.998 (2.58), 3.014 (2.43), 3.037 (2.48), 3.530 (3.55), 3.548 (2.59), 3.554 (3.28), 4.225 (0.63), 4.230 (0.76), 4.247 (2.09), 4.253 (1.54), 4.264 (1.81), 4.271 (1.84), 4.281 (1.90), 4.287 (1.63), 4.294 (1.74), 4.303 (0.69), 4.309 (0.76), 4.316 (0.55), 4.414 (3.03), 5.247 (0.90), 5.259 (1.92), 5.274 (1.85), 5.285 (0.82), 6.790 (3.65), 6.806 (3.88), 6.922 (1.77), 6.936 (3.59), 6.951 (2.00), 7.158 (1.76), 7.160 (1.81), 7.174 (2.97), 7.188 (1.47), 7.191 (1.38), 7.393 (3.10), 7.408 (2.87), 7.625 (10.72), 7.629 (16.00), 7.639 (5.39), 7.643 (5.55), 7.646 (2.39), 7.726 (0.54), 7.729 (0.50), 7.740 (2.23), 7.755 (3.44), 7.771 (2.93), 7.838 (3.90), 7.840 (4.07), 7.852 (2.90), 8.405 (3.15), 8.420 (2.90), 8.693 (11.68), 9.142 (3.37), 9.159 (3.24).
303	3,94		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.1897 (3.07); 9.1697 (3.08); 8.6999 (11.32); 8.267 (3.04); 8.2457 (3.34); 8.0999 (0.52); 8.0853 (0.45); 7.842 (3.13); 7.8244 (4.12); 7.72 (2.82); 7.6994 (3.57); 7.681 (2.24); 7.4668 (0.34); 7.4303 (0.34); 7.3979 (2.99); 7.3791 (3.33); 7.3415 (5.08); 7.3244 (4.63); 7.3196 (4.47); 7.3043 (1.56); 7.299 (1.58); 7.2806 (2.03); 7.2747 (2.74); 7.2519 (1.45); 7.1994 (1.49); 7.1795 (3.11); 7.1614 (1.93); 6.936 (2.19); 6.9174 (3.63); 6.8989 (1.79); 6.8126 (4.03); 6.7941 (3.62); 6.5851 (0.63); 6.5692 (0.59); 5.2851 (0.87); 5.2712 (1.94); 5.2526 (2.07); 5.238 (0.95); 4.3128 (0.7); 4.296 (1.79); 4.2741 (2.81); 4.253 (1.76); 4.2464 (2.03); 4.2239 (0.71); 3.9767 (2.68); 3.968 (2.61); 3.3189 (223.97); 3.2442 (2.16); 3.2141 (4.55); 3.1853 (2.46); 2.959 (1.92); 2.9418 (6.23); 2.9307 (3.17); 2.9237 (3.11); 2.9044 (1.79); 2.8953 (1.74); 2.6699 (3.71); 2.5052 (502.23); 2.5009 (661.81); 2.4966 (520.68); 2.3275 (3.85); 2.266 (0.88); 2.2232 (1.38); 2.2135 (1.48); 2.2008 (1.46); 2.1924 (1.27); 2.0867 (1.57); 2.0741 (1.82); 1.2862 (0.38); 1.2687 (0.48); 1.1687 (2.99); 1.1489 (14.24); 1.1439 (16); 1.1337 (15.75); 1.1285 (15.3); 0.9796 (0.37); 0.1461 (0.77); -0.0001 (185.99); -0.1498 (0.83)
304	4,03		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.1774 (0.67); 9.1576 (0.76); 8.5944 (2.4); 8.2724 (1.07); 8.2562 (1.18); 7.9525 (2.49); 7.7608 (0.4); 7.7376 (0.43); 7.7214 (0.76); 7.705 (2.49); 7.689 (1.82); 7.6851 (2.8); 7.6687 (1.86); 7.6537 (0.93); 7.5047 (0.32); 7.4854 (0.91); 7.4653 (1.16); 7.4546 (0.67); 7.4446 (1.44); 7.4361 (1.53); 7.4247 (0.93); 7.4155 (0.83); 7.3794 (1.2); 7.3566 (1.16); 7.3429 (0.88); 7.3272 (1.2); 7.3088 (0.58); 7.1857 (0.62); 7.1676 (1.13); 7.1481 (0.72); 6.9174 (0.63); 6.8992 (0.95); 6.8804 (0.48); 6.8023 (1.65); 6.7815 (1.43); 5.2499 (0.69); 5.2313 (0.63); 4.2592 (0.98); 4.2328 (0.72); 3.9863 (0.92); 3.3191 (221.03); 3.2639 (0.83); 3.2244 (0.64); 3.1788 (0.44); 2.9416 (2.82); 2.9215 (1.53); 2.8905 (16); 2.7311 (14.48); 2.6702 (3.3); 2.5232 (7.65); 2.5054 (445.22); 2.5012 (567.66); 2.497 (406.38); 2.3321 (2.56); 2.3276 (3.26); 2.2056 (0.52); 2.1956 (0.59); 2.1834 (0.61); 2.0737 (0.9); 1.1689 (1.1); 1.1501 (5.7); 1.135 (5.9); 0.1463 (0.73); 0.0077 (6.72); -0.0003 (158.9); -0.1492 (0.77)

305	4,13		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.0348 (1.54); 9.027 (1.53); 9.0145 (1.71); 8.5999 (5.17); 8.5952 (4.9); 8.3156 (0.56); 8.2763 (2.51); 8.2726 (2.47); 8.2556 (2.81); 8.2518 (2.69); 7.761 (0.83); 7.7408 (1.05); 7.7366 (1.17); 7.7204 (1.9); 7.7118 (3.55); 7.7079 (3.89); 7.7027 (4.15); 7.6918 (4.33); 7.6878 (4.41); 7.6822 (4.39); 7.6687 (4.22); 7.6652 (4.79); 7.651 (2.14); 7.505 (0.9); 7.4854 (1.99); 7.4656 (2.95); 7.4594 (1.58); 7.4449 (3.55); 7.4401 (3.42); 7.4255 (3.77); 7.4152 (3.13); 7.3825 (1.69); 7.3796 (1.25); 7.3635 (1.11); 7.3418 (1.95); 7.3288 (2.47); 7.3136 (1.38); 7.2798 (1.9); 7.2633 (3.48); 7.2506 (1.55); 7.2324 (3.2); 7.2181 (3.48); 7.2031 (2.13); 7.1855 (0.81); 7.1649 (0.41); 7.1441 (0.33); 6.5786 (0.32); 5.5633 (0.47); 5.5512 (0.67); 5.5336 (1.2); 5.5215 (1.33); 5.5153 (1.19); 3.9808 (2.15); 3.6332 (0.34); 3.3942 (0.37); 3.3649 (0.63); 3.3197 (538.15); 3.2493 (2.06); 3.221 (1.81); 3.1926 (1); 3.1655 (0.46); 3.0162 (0.77); 2.9635 (3.49); 2.9414 (4.71); 2.9076 (2.72); 2.8901 (1.88); 2.8843 (2.04); 2.8632 (1.51); 2.8439 (1.23); 2.8236 (0.74); 2.761 (0.33); 2.7302 (1.28); 2.7155 (0.39); 2.6747 (4.3); 2.67 (5.87); 2.6656 (4.46); 2.6168 (0.41); 2.5905 (0.52); 2.5232 (16.08); 2.5054 (777.81); 2.501 (1009.77); 2.4966 (729.53); 2.4266 (0.57); 2.3322 (4.4); 2.3277 (5.87); 2.3234 (4.4); 2.2742 (0.35); 2.2675 (0.52); 2.2222 (0.32); 2.1718 (0.36); 2.105 (1.65); 2.0945 (1.09); 2.0739 (3); 1.9705 (0.53); 1.9506 (1.22); 1.9296 (1.19); 1.919 (1.2); 1.8967 (1.12); 1.8764 (0.43); 1.2914 (0.37); 1.2694 (0.4); 1.1687 (2.59); 1.1444 (16); 1.1291 (15.53); 1.0966 (0.51); 0.9654 (0.39); 0.1461 (1.27); 0.0078 (11.48); -0.0002 (299.28); -0.0082 (14.69); -0.1498 (1.31)
306	4,03		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.0457 (2.18); 9.0244 (2.21); 8.7059 (8.46); 8.3157 (0.33); 8.2677 (2.18); 8.2494 (2.31); 8.0868 (0.34); 7.8391 (2.16); 7.8242 (2.96); 7.7196 (2.12); 7.6988 (2.55); 7.6804 (1.63); 7.4555 (1.75); 7.4412 (2.02); 7.3429 (3.69); 7.3267 (3.62); 7.3056 (1.37); 7.2952 (1.61); 7.2766 (4); 7.26 (2.09); 7.2539 (1.54); 7.2464 (3.22); 7.2405 (3.62); 7.2316 (3.27); 7.2236 (2.72); 7.2048 (0.59); 7.1689 (0.57); 7.1519 (0.6); 7.1375 (0.42); 6.5782 (0.53); 5.5813 (0.59); 5.5623 (1.71); 5.5425 (1.78); 5.5244 (0.59); 3.9738 (1.83); 3.3197 (331.29); 3.2386 (1.55); 3.2294 (1.7); 3.2119 (1.9); 3.2003 (1.93); 3.0346 (0.53); 3.0265 (0.64); 3.0133 (0.66); 2.9954 (1.02); 2.9859 (1.13); 2.9726 (3.04); 2.9417 (5.18); 2.917 (2.47); 2.897 (1.7); 2.8769 (1.23); 2.8572 (0.9); 2.8366 (0.65); 2.7309 (0.37); 2.6701 (3.8); 2.5751 (0.52); 2.5672 (0.55); 2.5566 (1); 2.5452 (1.54); 2.5053 (506.49); 2.501 (657.35); 2.4967 (480.65); 2.355 (0.43); 2.3278 (3.92); 2.2456 (0.33); 2.2001 (0.4); 2.1674 (0.46); 2.0952 (0.44); 2.074 (1.44); 1.9927 (0.53); 1.9724 (1.13); 1.9617 (0.71); 1.9517 (1.18); 1.9397 (1.1); 1.9195 (1.05); 1.8986 (0.43); 1.2999 (0.38); 1.2692 (0.54); 1.1689 (3.6); 1.145 (16); 1.1296 (15.96); 1.1004 (0.93); 0.9694 (0.35); 0.1465 (0.88); 0.0077 (7.81); -0.0003 (197.85); -0.1495 (0.91)
307		LC-MS (Method L3): Rt = 4.12 min; m/z = 501/503 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.10 (d, J = 8.2 Hz, 1H), 8.58 (s, 1H), 8.19 (dd, J = 8.5, 1.4 Hz, 1H), 7.74 (dd, J = 7.1, 1.4 Hz, 1H), 7.63 (dd, J = 8.5, 7.1 Hz, 1H), 7.44 (d, J = 8.2 Hz, 1H), 7.40 – 7.31 (m, 2H), 7.24 – 7.13 (m, 2H), 6.97 – 6.88 (m, 1H), 6.
308		LC-MS (Method L3): Rt = 4.61 min; m/z = 535/537 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.10 (d, J = 8.2 Hz, 1H), 8.63 (s, 1H), 8.21 (dd, J = 8.5, 1.3 Hz, 1H), 7.78 (dd, J = 7.1, 1.3 Hz, 1H), 7.63 (s, 3H), 7.37 (d, J = 7.6 Hz, 1H), 7.22 – 7.13 (m, 1H), 6.97 – 6.90 (m, 1H), 6.80 (dd, J = 8.2, 0.9 Hz, 1H), 5.30 – 5.
309		LC-MS (Method L2): Rt = 3.08 min, m/z = 564 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.10 (d, J = 7.9 Hz, 1H), 8.49 (s, 1H), 8.31 (d, J = 9.4 Hz, 1H), 7.67 – 7.60 (m, 2H), 7.44 – 7.31 (m, 2H), 7.25 – 7.11 (m, 2H), 6.90 (t, J = 7.4 Hz, 1H), 6.78 (d, J = 8.2 Hz, 1H), 5.23 (q, J = 6.0 Hz, 1H), 4.31 – 4.18 (m, 2H),

310		LC-MS (Method L2): Rt = 3.26 min, m/z = 564/566 (Cl2 pattern) (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.20 (d, J = 8.1 Hz, 1H), 8.71 (s, 1H), 8.46 (d, J = 8.9 Hz, 1H), 7.98 (d, J = 9.1 Hz, 1H), 7.70 (t, J = 1.9 Hz, 1H), 7.40 – 7.30 (m, 3H), 7.20 – 7.13 (m, 1H), 6.95 – 6.88 (m, 1H), 6.82 – 6.76 (m, 1H), 5.28 – 5.20 (m, 1H), 4.32
311		LC-MS (Method L3): Rt = 4.51 min; m/z = 501/503 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.10 (d, J = 8.2 Hz, 1H), 8.61 (s, 1H), 8.17 (dd, J = 8.5, 1.4 Hz, 1H), 7.72 (dd, J = 7.1, 1.4 Hz, 1H), 7.67 – 7.58 (m, 2H), 7.51 (dd, J = 8.3, 2.1 Hz, 1H), 7.37 (d, J = 6.8 Hz, 1H), 7.23 (d, J = 8.4 Hz, 1H), 7.21 – 7.12 (m, 1H
312		LC-MS (Method L3): Rt = 4.72 min; m/z = 453 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.09 (d, J = 8.2 Hz, 1H), 8.57 (s, 1H), 8.15 (dd, J = 8.3, 1.6 Hz, 1H), 7.67 – 7.56 (m, 2H), 7.36 (d, J = 7.5 Hz, 1H), 7.21 – 7.10 (m, 2H), 6.96 – 6.89 (m, 1H), 6.83 – 6.77 (m, 1H), 6.75 – 6.68 (m, 2H), 6.58 – 6.52 (m, 1H), 5.6
313		LC-MS (Method L2): Rt = 3.43 min; m/z = 502 (M+H)+.	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.16 (d, J = 8.2 Hz, 1H), 8.60 (s, 1H), 8.32 (m, 1H), 7.81 – 7.68 (m, 2H), 7.58 – 7.47 (m, 1H), 7.37 (d, J = 7.1 Hz, 1H), 7.25 – 7.12 (m, 3H), 6.92 (m, 1H), 6.82 – 6.76 (m, 1H), 5.26 (q, J = 5.7 Hz, 1H), 4.26 (m, 2H), 3.88 (t,
314		LC-MS (Method L2): Rt = 4.05 min, m/z = 602 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.23 (dd, J = 8.1, 4.6 Hz, 1H), 8.69 (d, J = 4.0 Hz, 1H), 8.49 (d, J = 9.0 Hz, 1H), 8.01 (d, J = 9.0 Hz, 1H), 7.74 (dd, J = 8.1, 1.4 Hz, 1H), 7.56 – 7.41 (m, 1H), 7.40 – 7.23 (m, 2H), 7.17 (t, J = 7.7 Hz, 1H), 6.99 – 6.86 (m, 1
315		LC-MS (Method L2): Rt = 3.80 min, m/z = 560 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.14 (dd, J = 8.1, 4.3 Hz, 1H), 8.60 (d, J = 2.5 Hz, 1H), 8.45 (d, J = 8.5 Hz, 1H), 7.95 (d, J = 9.1 Hz, 1H), 7.72 (dd, J = 8.1, 1.5 Hz, 1H), 7.48 – 7.40 (m, 1H), 7.37 – 7.27 (m, 2H), 7.15 (t, J = 7.7 Hz, 1H), 6.93 – 6.87 (m, 1
316		LC-MS (Method L3): Rt = 4.65 min, m/z = 526/528 (M+H)	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.15 (d, J = 8.1 Hz, 1H), 8.65 (s, 1H), 8.20 (d, J = 2.4 Hz, 1H), 7.87 (d, J = 2.4 Hz, 1H), 7.67 (s, 3H), 7.36 (d, J = 6.7 Hz, 1H), 7.21 – 7.14 (m, 1H), 6.92 (td, J = 7.5, 1.2 Hz, 1H), 6.80 (dd, J = 8.2, 1.1 Hz, 1H), 5.28 – 5.2
317		LC-MS (Method L6): Rt = 1.40 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.21), -0.008 (16.00), 0.008 (10.22), 0.146 (1.17), 1.679 (1.28), 1.768 (1.70), 2.062 (1.06), 2.328 (2.24), 2.367 (1.03), 2.524 (9.61), 2.671 (2.06), 2.711 (1.03), 3.648 (2.70), 3.664 (3.87), 3.681 (2.16), 3.818 (1.95), 3.833 (2.52), 3.851 (2.87), 4.252 (2.94), 4.451 (2.59), 5.176 (1.63), 5.755 (3.23), 6.818 (1.81), 6.837 (1.70), 6.894 (1.31), 7.193 (1.60), 7.294 (1.38), 7.620 (3.48), 7.628 (4.43), 7.672 (1.77), 7.692 (1.42), 7.833 (2.98), 7.865 (1.63), 7.970 (6.14), 8.217 (1.67), 8.234 (1.67), 8.477 (2.98), 8.881 (10.47), 9.374 (0.85).

318	LC-MS (Method L1): Rt = 0.81 min; MS (ESIpos): m/z = 548 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.83), -0.008 (6.59), 0.146 (0.79), 1.156 (0.87), 1.175 (1.80), 1.192 (0.87), 1.235 (0.41), 1.660 (1.14), 1.679 (1.24), 1.690 (1.49), 1.710 (1.37), 1.903 (1.53), 1.988 (3.52), 1.999 (1.41), 2.012 (2.20), 2.028 (2.14), 2.048 (1.84), 2.058 (1.57), 2.165 (1.18), 2.181 (1.02), 2.197 (0.75), 2.327 (1.16), 2.366 (0.85), 2.393 (1.28), 2.411 (1.60), 2.428 (1.39), 2.669 (1.26), 2.709 (0.81), 3.162 (2.53), 3.175 (2.69), 3.381 (0.77), 3.408 (1.45), 3.421 (1.62), 3.440 (1.20), 3.467 (1.26), 3.483 (3.03), 3.494 (2.47), 3.510 (2.92), 3.528 (1.91), 3.676 (1.47), 3.697 (2.53), 3.716 (2.92), 3.724 (2.72), 3.742 (3.19), 3.768 (1.62), 4.020 (0.71), 4.038 (0.79), 4.073 (0.66), 4.087 (0.68), 4.172 (0.56), 4.254 (4.73), 4.264 (2.90), 4.717 (2.13), 4.729 (4.29), 4.742 (2.05), 5.193 (0.81), 5.207 (1.74), 5.226 (1.76), 5.240 (0.87), 5.754 (0.50), 6.777 (3.46), 6.797 (3.81), 6.896 (1.66), 6.913 (3.44), 6.931 (1.97), 7.144 (1.84), 7.161 (2.90), 7.180 (1.41), 7.319 (2.94), 7.338 (2.71), 7.477 (2.16), 7.496 (2.96), 7.517 (2.65), 7.606 (4.71), 7.610 (5.82), 7.619 (16.00), 7.623 (9.06), 7.711 (3.79), 7.727 (3.19), 7.873 (0.50), 8.267 (3.11), 8.288 (2.92), 8.442 (11.23), 9.024 (3.13), 9.044 (3.03).
319	LC-MS (Method L6): Rt = 1.94 min; MS (ESIpos): m/z = 500 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.062 (2.28), 2.197 (2.14), 2.209 (2.13), 2.218 (2.01), 2.327 (0.67), 2.670 (0.64), 3.876 (16.00), 4.213 (1.25), 4.234 (3.18), 4.254 (4.91), 4.262 (4.94), 5.244 (2.95), 5.261 (2.87), 6.776 (4.46), 6.796 (4.81), 6.893 (2.44), 6.911 (4.65), 6.930 (2.84), 7.142 (2.94), 7.161 (4.44), 7.179 (2.33), 7.351 (7.88), 7.369 (5.89), 7.391 (2.42), 7.416 (5.69), 7.423 (5.81), 7.435 (5.30), 7.454 (2.26), 7.537 (3.95), 7.553 (3.04), 7.629 (3.41), 7.645 (5.92), 7.671 (3.87), 7.691 (4.59), 7.709 (2.20), 8.265 (4.40), 8.285 (4.07), 8.575 (9.62), 9.149 (3.43), 9.168 (3.26).
320	LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 590 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: -0.006 (0.66), 0.006 (0.45), 0.992 (6.88), 1.006 (14.64), 1.020 (7.28), 1.175 (0.69), 1.914 (0.43), 1.921 (0.59), 1.928 (1.00), 1.935 (0.80), 1.941 (0.98), 1.949 (0.81), 1.963 (0.80), 1.975 (1.05), 1.988 (2.98), 1.999 (2.31), 2.015 (2.16), 2.027 (1.48), 2.044 (1.11), 2.050 (0.91), 2.056 (0.64), 2.169 (0.46), 2.176 (0.69), 2.186 (0.98), 2.196 (1.00), 2.204 (0.98), 2.214 (0.73), 2.221 (0.48), 2.363 (0.83), 2.379 (0.99), 2.392 (0.95), 2.407 (0.54), 2.519 (0.54), 3.335 (0.80), 3.347 (1.08), 3.351 (1.20), 3.361 (1.13), 3.375 (0.71), 3.865 (0.61), 3.878 (1.35), 3.895 (1.41), 3.903 (1.08), 3.911 (1.18), 3.917 (0.96), 3.925 (2.97), 3.936 (3.39), 3.939 (3.31), 3.950 (2.96), 3.957 (0.88), 3.964 (0.87), 3.972 (0.69), 4.173 (0.74), 4.201 (0.52), 4.206 (0.61), 4.223 (1.57), 4.229 (1.11), 4.240 (1.23), 4.246 (1.02), 4.259 (1.03), 4.266 (1.36), 4.272 (1.21), 4.279 (1.31), 4.288 (0.64), 4.294 (0.66), 4.301 (0.49), 4.604 (1.49), 4.615 (1.69), 4.621 (1.65), 4.631 (1.40), 5.243 (0.66), 5.254 (1.44), 5.270 (1.42), 5.281 (0.66), 5.754 (0.82), 6.792 (2.76), 6.807 (2.92), 6.809 (2.90), 6.925 (1.36), 6.927 (1.41), 6.940 (2.72), 6.942 (2.70), 6.955 (1.55), 6.957 (1.49), 7.168 (1.42), 7.171 (1.43), 7.185 (2.32), 7.199 (1.13), 7.201 (1.08), 7.397 (2.28), 7.411 (2.13), 7.636 (4.40), 7.639 (7.81), 7.642 (16.00), 7.645 (6.46), 7.653 (2.33), 7.667 (2.83), 7.670 (2.89), 7.684 (2.31), 7.725 (0.57), 7.729 (0.54), 7.819 (2.92), 7.822 (3.03), 7.834 (2.48), 7.836 (2.40), 8.343 (2.59), 8.345 (2.59), 8.360 (2.42), 8.362 (2.31), 8.680 (9.87), 9.196 (2.58), 9.212 (2.50).

321	3,37		^{1}H-NMR(399,953 MHz, CDCl3): δ= 9.1126 (4.72); 9.0958 (4.88); 9.0618 (1.78); 9.0408 (2.05); 8.1159 (0.51); 8.1073 (0.56); 8.0994 (0.58); 8.0917 (0.65); 8.0616 (0.48); 8.0511 (0.51); 8.0462 (0.52); 8.0366 (0.54); 7.9006 (1.45); 7.881 (1.8); 7.8347 (1.41); 7.8147 (2.11); 7.7661 (4.49); 7.761 (4.21); 7.7476 (6.54); 7.7434 (5.71); 7.7362 (3.9); 7.7155 (2.95); 7.6982 (1.01); 7.5821 (4.98); 7.5623 (5.73); 7.52 (0.37); 7.5044 (1.22); 7.4823 (1.25); 7.3467 (2.17); 7.3277 (5.49); 7.3079 (3.8); 7.2837 (3.47); 7.2612 (26.99); 7.2424 (6.4); 7.2359 (6.6); 7.2239 (5.17); 7.2163 (7.07); 7.1926 (3.1); 7.1696 (0.93); 6.9454 (1.11); 6.9262 (1.9); 6.9079 (0.91); 6.8815 (1.42); 6.8676 (6.02); 6.847 (7.37); 6.8332 (1.46); 6.8255 (2.03); 6.7513 (0.44); 6.7294 (0.44); 6.6499 (0.51); 6.6309 (0.48); 5.463 (0.52); 5.4511 (1.1); 5.4396 (1.55); 5.4277 (2.06); 5.4166 (1.59); 5.4055 (1.17); 5.3934 (0.57); 5.3772 (0.45); 5.3618 (0.93); 5.3447 (0.94); 5.3304 (0.42); 5.2987 (1.1); 4.345 (1.6); 4.327 (2.15); 4.3161 (2.64); 4.2918 (0.9); 4.284 (0.68); 4.2127 (0.88); 4.189 (2.02); 4.1633 (2.43); 4.1436 (2.4); 4.1261 (3.47); 4.1083 (3.64); 4.0904 (1.16); 3.2611 (13.51); 3.0936 (5.9); 3.0503 (16); 3.0032 (13.51); 2.9661 (13.47); 2.9245 (13.29); 2.3901 (0.54); 2.38 (0.86); 2.3661 (1.02); 2.3536 (1.63); 2.3427 (1.92); 2.3298 (1.66); 2.316 (1.68); 2.3065 (1.38); 2.2921 (0.68); 2.28 (0.49); 2.2702 (0.36); 2.1215 (1.79); 2.1092 (1.54); 2.1028 (1.49); 2.0868 (2); 2.0744 (1.46); 2.0598 (0.73); 2.041 (13.3); 1.5769 (18.97); 1.3654 (0.45); 1.3479 (0.92); 1.3301 (0.51); 1.2747 (3.51); 1.2568 (7.17); 1.239 (3.48); -0.0003 (15.15)
322		LC-MS (Method L6): Rt = 2.26 min; MS (ESIpos): m/z = 550 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.57), -0.008 (16.00), 0.008 (12.28), 0.146 (1.64), 1.049 (0.50), 2.087 (0.63), 2.327 (3.21), 2.366 (2.46), 2.523 (10.58), 2.669 (3.09), 2.710 (2.46), 3.611 (1.20), 3.879 (3.72), 4.269 (1.01), 5.259 (0.69), 6.787 (1.26), 6.807 (1.51), 6.915 (0.76), 6.932 (1.39), 6.950 (0.76), 7.153 (0.76), 7.174 (1.13), 7.374 (1.20), 7.391 (1.89), 7.410 (1.26), 7.583 (1.70), 7.596 (2.08), 7.615 (1.70), 7.627 (1.95), 7.687 (0.94), 7.706 (1.26), 7.726 (1.32), 7.806 (1.45), 7.822 (1.32), 8.270 (1.39), 8.291 (1.20), 8.660 (4.66), 9.158 (1.20), 9.180 (1.13).
323		LC-MS (Method L3): Rt = 2.90 min; m/z = 543/545 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.10 (d, J = 8.2 Hz, 1H), 8.60 (s, 1H), 8.19 (dd, J = 8.5, 1.3 Hz, 1H), 7.73 (dd, J = 7.1, 1.3 Hz, 1H), 7.62 (dd, J = 8.4, 7.2 Hz, 1H), 7.36 (d, J = 7.0 Hz, 1H), 7.22 – 7.12 (m, 1H), 7.09 – 6.97 (m, 3H), 6.97 – 6.87 (m, 1H), 6.
324		LC-MS (Method L2): Rt = 2.91 min; m/z = 501/503 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.08 (d, J = 8.2 Hz, 1H), 8.51 (s, 1H), 8.17 (dd, J = 8.2, 1.7 Hz, 1H), 7.67 – 7.50 (m, 2H), 7.34 (d, J = 7.1 Hz, 1H), 7.23 – 7.06 (m, 2H), 6.97 – 6.86 (m, 1H), 6.86 – 6.67 (m, 3H), 5.33 – 5.18 (m, 1H), 4.37 – 4.15 (m, 2H), 3.0
325		LC-MS (Method L2): Rt = 3.19 min; m/z = 519/521 (M+1)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.10 (d, J = 8.2 Hz, 1H), 8.63 (s, 1H), 8.20 (dd, J = 8.5, 1.3 Hz, 1H), 7.77 (dd, J = 7.1, 1.3 Hz, 1H), 7.63 (dd, J = 8.4, 7.2 Hz, 1H), 7.56 – 7.48 (m, 1H), 7.43 (dd, J = 13.3, 2.0 Hz, 1H), 7.37 (d, J = 6.9 Hz, 1H), 7.23 – 7.13 (m, 1H), 6.98 – 6.89 (m, 1H), 6.80 (dd, J = 8.2, 0.9 Hz, 1H), 5.31 – 5.20 (m, 1H), 4.35 – 4.18 (m, 2H), 3.06 (s, 6H), 2.86 (d, J = 2.3 Hz, 6H), 2.28 – 2.13 (m, 1H), 2.13 – 1.99 (m, 1H).
326		LC-MS (Method L2): Rt = 2.86 min, m/z = 522 (Cl2 pattern) (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.01 (d, J = 7.1 Hz, 1H), 8.42 (d, J = 1.6 Hz, 1H), 8.27 (d, J = 9.4 Hz, 1H), 7.66 – 7.55 (m, 2H), 7.43 – 7.30 (m, 2H), 7.23 – 7.12 (m, 2H), 6.89 (t, J = 7.4 Hz, 1H), 6.78 (d, J = 8.1 Hz, 1H), 5.21 (q, J = 5.9 Hz, 1H), 4.30 – 4

327		LC-MS (Method L2): Rt = 2.96 min, m/z = 522 (Cl2 pattern) (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.01 (d, J = 8.2 Hz, 1H), 8.49 (s, 1H), 8.25 (d, J = 9.5 Hz, 1H), 7.62 – 7.54 (m, 2H), 7.34 (d, J = 7.0 Hz, 1H), 7.30 (d, J = 1.9 Hz, 2H), 7.19 – 7.12 (m, 1H), 6.95 – 6.87 (m, 1H), 6.79 (d, J = 8.1 Hz, 1H), 5.27 – 5.18 (m, 1H),
328	3,3		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.1516 (1.99); 9.1309 (2.07); 8.6957 (7.38); 8.3158 (0.74); 8.1756 (2.08); 8.1554 (2.33); 7.8284 (2.07); 7.8125 (2.84); 7.6916 (1.99); 7.6725 (2.46); 7.6445 (16); 7.5625 (0.42); 7.5064 (0.53); 7.4855 (0.5); 7.4369 (0.53); 7.3832 (2.2); 7.3653 (2.36); 7.1937 (1.06); 7.1767 (2.08); 7.1581 (1.32); 6.948 (1.5); 6.9294 (2.46); 6.9118 (1.23); 6.8712 (0.85); 6.8097 (2.74); 6.79 (2.61); 6.6398 (0.41); 6.5791 (0.42); 5.2663 (0.57); 5.253 (1.33); 5.2338 (1.23); 5.2205 (0.6); 4.3072 (0.46); 4.2867 (1.27); 4.2736 (2.25); 4.2461 (1.37); 4.2259 (0.44); 3.5335 (1.43); 3.5183 (3.51); 3.503 (2.16); 3.374 (2.24); 3.3585 (3.93); 3.3413 (2.21); 3.32 (177.93); 3.1924 (2.23); 3.1748 (4.03); 3.1575 (2.36); 3.0637 (15.58); 2.6707 (3.2); 2.5016 (591.34); 2.3283 (3.36); 2.2181 (0.84); 2.2067 (0.96); 2.1977 (0.96); 2.1833 (1.83); 2.1627 (2.11); 2.1422 (4.09); 2.1222 (2.63); 2.0859 (5); 1.7864 (0.63); 1.7681 (1.98); 1.7497 (2.66); 1.7307 (1.77); 1.3554 (7.89); 1.2706 (0.49); 1.2335 (0.35); 1.1856 (0.35); 1.1692 (2.96); 0.1462 (1.19); 0 (271.12); -0.1493 (1.3)
329		LC-MS (Method L1): Rt = 0.80 min; MS (ESIpos): m/z = 548 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.68), 0.008 (0.56), 1.686 (0.43), 1.705 (0.40), 1.908 (16.00), 1.988 (0.70), 1.999 (0.46), 2.012 (0.70), 2.030 (0.70), 2.047 (0.66), 2.057 (0.44), 2.409 (0.49), 2.523 (0.51), 3.409 (0.50), 3.478 (0.83), 3.496 (0.94), 3.503 (0.93), 3.520 (0.72), 3.689 (0.90), 3.707 (1.31), 3.722 (1.18), 3.740 (0.74), 3.746 (0.64), 3.764 (0.47), 4.234 (0.64), 4.242 (0.95), 4.254 (1.33), 4.730 (0.48), 5.206 (0.55), 5.225 (0.56), 6.778 (1.01), 6.799 (1.13), 6.895 (0.51), 6.912 (1.07), 6.931 (0.64), 7.142 (0.52), 7.145 (0.56), 7.163 (0.88), 7.180 (0.43), 7.184 (0.43), 7.322 (0.91), 7.341 (0.85), 7.478 (0.75), 7.496 (0.99), 7.499 (0.92), 7.517 (0.89), 7.601 (0.47), 7.606 (1.15), 7.610 (1.62), 7.618 (4.75), 7.622 (2.49), 7.709 (1.15), 7.712 (1.18), 7.727 (1.01), 7.729 (0.98), 8.139 (0.93), 8.258 (0.90), 8.261 (0.90), 8.280 (0.91), 8.440 (3.42), 9.025 (1.00), 9.046 (0.98).
330		LC-MS (Method L6): Rt = 2.01 min; MS (ESIpos): m/z = 510 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.17), 0.008 (0.88), 2.021 (0.41), 2.030 (0.47), 2.036 (0.52), 2.073 (1.14), 2.169 (0.52), 2.181 (0.50), 2.191 (0.48), 2.523 (0.76), 3.082 (16.00), 4.220 (0.74), 4.226 (0.64), 4.240 (1.18), 4.249 (1.20), 4.265 (0.72), 5.213 (0.69), 5.229 (0.68), 5.754 (1.51), 6.772 (1.38), 6.792 (1.55), 6.878 (0.73), 6.896 (1.52), 6.915 (0.91), 7.134 (0.75), 7.138 (0.79), 7.155 (1.26), 7.173 (0.63), 7.176 (0.61), 7.322 (1.30), 7.337 (1.39), 7.352 (0.91), 7.356 (0.87), 7.363 (0.63), 7.366 (0.62), 7.382 (0.84), 7.386 (0.81), 7.446 (0.76), 7.459 (0.83), 7.466 (1.28), 7.479 (1.28), 7.485 (0.72), 7.499 (0.63), 7.592 (1.03), 7.615 (1.76), 7.638 (1.08), 7.726 (1.39), 7.730 (1.40), 7.746 (1.23), 7.750 (1.17), 8.310 (0.92), 8.325 (1.02), 8.333 (0.99), 8.349 (0.90), 8.523 (2.23), 8.527 (2.23), 9.057 (0.86), 9.061 (0.87), 9.077 (0.86).

331	3,14		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.1403 (1.94); 9.1288 (2); 9.1208 (2.32); 9.1103 (1.85); 8.6012 (10.54); 8.4715 (0.58); 8.3155 (1.57); 8.2143 (2.25); 8.1975 (2.56); 8.1729 (1.06); 7.7323 (2.07); 7.7127 (5.31); 7.6894 (10.46); 7.6737 (1.95); 7.4635 (1.67); 7.4521 (1.74); 7.4433 (2.94); 7.4332 (2.77); 7.4235 (2.08); 7.4143 (1.65); 7.3824 (1.86); 7.3618 (4.63); 7.3428 (4.44); 7.3225 (1.63); 7.1895 (1.81); 7.171 (3.64); 7.1535 (2.27); 6.9433 (2.6); 6.9255 (4.32); 6.9084 (2.02); 6.8059 (4.77); 6.7848 (4.45); 6.5782 (0.9); 5.2488 (1.97); 5.237 (2); 4.725 (1.91); 4.697 (7.04); 4.6722 (5.48); 4.6575 (5.6); 4.5955 (1.22); 4.5844 (1.61); 4.2921 (2.17); 4.2752 (3.94); 4.2675 (3.64); 4.2552 (2.23); 4.2471 (2.41); 4.2281 (0.89); 3.3183 (319.34); 3.2701 (0.87); 3.2496 (0.61); 3.1747 (0.71); 3.081 (16); 3.0759 (15.54); 2.9497 (1.08); 2.6703 (8.96); 2.5893 (0.63); 2.5051 (1239.6); 2.5012 (1583.24); 2.4971 (1204.24); 2.3276 (9.3); 2.2832 (0.88); 2.2475 (1.34); 2.2286 (1.72); 2.2205 (1.78); 2.1313 (0.96); 2.074 (5.92); 2.0168 (0.96); 1.2694 (0.87); 1.169 (4.47); 1.0034 (0.71); 0.9887 (0.75); 0.1463 (2.93); -0.0001 (642.47); -0.0792 (0.67); -0.1497 (3.13); -3.3083 (0.55)
332		LC-MS (Method L1): Rt = 0.84 min; MS (ESIpos): m/z = 562 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.57), 0.146 (0.52), 2.063 (1.66), 2.099 (1.25), 2.118 (1.43), 2.130 (1.93), 2.149 (2.41), 2.167 (1.95), 2.220 (1.77), 2.233 (1.79), 2.251 (1.61), 2.263 (1.00), 2.327 (1.50), 2.366 (0.82), 2.669 (1.50), 2.710 (0.73), 3.195 (1.82), 3.214 (2.75), 3.232 (2.11), 3.670 (1.75), 3.682 (1.88), 3.727 (1.27), 3.745 (3.54), 3.768 (4.92), 3.788 (5.88), 3.807 (3.11), 3.831 (1.00), 4.241 (3.47), 4.252 (4.68), 5.212 (2.04), 5.232 (2.04), 6.779 (3.36), 6.799 (3.81), 6.894 (1.72), 6.912 (3.65), 6.931 (2.13), 7.147 (1.88), 7.164 (3.13), 7.182 (1.54), 7.329 (3.36), 7.347 (3.06), 7.522 (2.18), 7.542 (3.36), 7.562 (2.63), 7.623 (16.00), 7.742 (3.99), 7.759 (3.43), 8.257 (3.50), 8.277 (3.29), 8.501 (9.67), 9.095 (3.34), 9.115 (3.29), 12.559 (0.52).
333		LC-MS (Method L6): Rt = 2:56 min; MS (ESIpos): m/z = 497 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: 2.092 (0.76), 3.286 (3.16), 4.171 (16.00), 4.267 (1.78), 5.273 (1.01), 6.793 (1.51), 6.817 (1.83), 6.912 (0.84), 6.931 (1.63), 6.949 (1.01), 7.160 (0.88), 7.182 (1.36), 7.359 (1.40), 7.378 (1.33), 7.703 (1.10), 7.723 (1.64), 7.741 (1.31), 7.843 (4.97), 7.859 (4.94), 7.903 (1.82), 7.917 (1.37), 8.294 (1.60), 8.297 (1.77), 8.315 (1.52), 8.816 (5.70), 9.194 (1.47), 9.213 (1.36).
334		LC-MS (Method L7): Rt = 2.60 min; MS (ESIpos): m/z = 477 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) delta [ppm]: -0.007 (4.15), 0.007 (3.67), 1.235 (1.26), 1.395 (7.56), 1.409 (16.00), 1.423 (7.72), 1.950 (1.18), 1.966 (1.28), 1.975 (1.34), 1.991 (1.30), 2.522 (1.98), 2.853 (1.24), 2.869 (1.51), 2.885 (1.92), 2.901 (0.85), 2.981 (1.03), 2.989 (1.09), 2.999 (1.11), 3.006 (1.07), 3.013 (0.81), 3.286 (5.84), 4.352 (1.51), 4.354 (1.53), 4.366 (4.56), 4.368 (4.83), 4.380 (4.46), 4.383 (4.79), 4.394 (1.38), 4.396 (1.51), 5.533 (0.78), 5.549 (2.29), 5.564 (2.27), 5.580 (0.78), 5.754 (0.91), 7.227 (2.02), 7.231 (3.49), 7.238 (4.46), 7.245 (4.52), 7.249 (3.34), 7.260 (1.11), 7.278 (2.99), 7.290 (1.65), 7.294 (1.20), 7.400 (2.19), 7.406 (2.33), 7.417 (2.00), 7.654 (2.35), 7.658 (5.35), 7.661 (4.98), 7.674 (15.77), 7.678 (10.55), 7.714 (2.52), 7.729 (3.39), 7.731 (3.32), 7.745 (2.97), 7.889 (3.47), 7.891 (3.80), 7.903 (3.01), 7.906 (3.03), 8.304 (3.32), 8.307 (3.57), 8.321 (3.16), 8.324 (3.16), 8.842 (11.93), 8.998 (2.83), 9.015 (2.77).

335	LC-MS (Method L1): Rt = 1.42 min; MS (ESIpos): m/z = 507 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.09), 0.008 (1.03), 1.300 (13.37), 1.315 (15.22), 1.320 (15.14), 1.335 (13.44), 2.077 (1.40), 2.086 (1.14), 2.175 (0.96), 2.188 (1.01), 2.198 (1.11), 2.211 (0.97), 3.287 (1.40), 4.251 (1.94), 4.260 (2.90), 4.271 (3.78), 4.279 (2.28), 4.285 (1.96), 4.831 (0.79), 4.847 (2.11), 4.862 (2.86), 4.877 (2.07), 4.892 (0.76), 5.271 (1.74), 5.291 (1.73), 5.754 (1.60), 6.792 (2.95), 6.795 (3.21), 6.812 (3.38), 6.815 (3.52), 6.905 (1.65), 6.908 (1.68), 6.923 (3.35), 6.926 (3.31), 6.942 (2.06), 6.945 (1.96), 7.159 (1.66), 7.163 (1.75), 7.180 (2.64), 7.197 (1.36), 7.202 (1.34), 7.352 (2.66), 7.356 (2.66), 7.371 (2.57), 7.375 (2.32), 7.648 (1.92), 7.653 (4.51), 7.658 (3.68), 7.680 (16.00), 7.685 (11.73), 7.701 (2.83), 7.719 (3.62), 7.722 (3.32), 7.740 (3.41), 7.880 (3.80), 7.884 (4.07), 7.898 (3.21), 7.902 (3.13), 8.304 (3.63), 8.308 (3.69), 8.325 (3.41), 8.329 (3.23), 8.844 (13.48), 9.131 (3.03), 9.152 (2.95).
336	LC-MS (Method L1): Rt = 1.47 min; MS (ESIpos): m/z = 491 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.40), 0.008 (3.27), 1.234 (1.59), 1.255 (13.29), 1.270 (13.33), 1.324 (13.22), 1.339 (13.35), 1.958 (1.08), 1.976 (1.27), 1.988 (1.33), 2.008 (1.28), 2.517 (2.28), 2.849 (1.21), 2.869 (1.58), 2.889 (2.03), 2.908 (0.90), 2.981 (1.12), 2.992 (1.19), 3.003 (1.21), 3.013 (1.12), 3.288 (2.34), 4.795 (0.80), 4.810 (2.09), 4.825 (2.87), 4.841 (2.06), 4.856 (0.77), 5.539 (2.27), 5.558 (2.27), 7.221 (2.05), 7.226 (3.83), 7.234 (4.60), 7.243 (5.51), 7.248 (3.90), 7.261 (1.41), 7.266 (1.19), 7.275 (3.08), 7.289 (1.56), 7.297 (1.00), 7.402 (2.18), 7.409 (2.34), 7.423 (1.93), 7.651 (2.03), 7.656 (4.64), 7.661 (3.85), 7.682 (16.00), 7.687 (11.77), 7.702 (2.80), 7.720 (3.59), 7.723 (3.36), 7.741 (3.39), 7.879 (3.80), 7.883 (4.13), 7.897 (3.21), 7.901 (3.15), 8.305 (3.55), 8.309 (3.70), 8.326 (3.40), 8.330 (3.18), 8.861 (12.80), 8.984 (2.98), 9.004 (2.89).
337	LC-MS (Method L1): Rt = 1.54 min; MS (ESIpos): m/z = 517 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.13), 0.008 (3.33), 1.233 (0.81), 1.599 (1.35), 1.607 (1.77), 1.618 (2.67), 1.624 (2.67), 1.655 (1.41), 1.671 (1.41), 1.685 (1.17), 1.707 (0.97), 1.760 (1.28), 1.773 (2.47), 1.785 (3.62), 1.791 (3.70), 1.799 (3.24), 1.804 (3.14), 1.813 (3.40), 1.818 (3.25), 1.824 (2.52), 1.829 (2.47), 1.852 (1.86), 1.861 (1.79), 1.873 (1.75), 1.952 (1.31), 1.963 (0.89), 1.970 (1.48), 1.982 (1.57), 1.990 (0.88), 2.002 (1.52), 2.021 (0.70), 2.517 (2.37), 2.845 (1.39), 2.865 (1.83), 2.885 (2.35), 2.905 (1.05), 2.979 (1.28), 2.989 (1.38), 3.001 (1.41), 3.011 (1.32), 3.018 (0.95), 3.029 (0.85), 3.040 (0.83), 3.288 (1.16), 5.212 (1.44), 5.218 (2.09), 5.224 (2.42), 5.229 (2.21), 5.236 (1.36), 5.518 (0.92), 5.537 (2.66), 5.556 (2.65), 5.575 (0.92), 5.754 (1.62), 7.218 (2.33), 7.223 (4.35), 7.231 (4.99), 7.240 (6.10), 7.245 (4.34), 7.258 (1.57), 7.263 (1.32), 7.272 (3.57), 7.287 (1.82), 7.294 (1.20), 7.412 (2.53), 7.419 (2.76), 7.433 (2.33), 7.647 (1.83), 7.652 (4.58), 7.657 (3.89), 7.676 (16.00), 7.680 (11.73), 7.694 (2.99), 7.712 (3.95), 7.715 (3.80), 7.733 (3.62), 7.868 (4.03), 7.871 (4.39), 7.885 (3.41), 7.889 (3.40), 8.250 (3.81), 8.254 (4.05), 8.271 (3.65), 8.274 (3.52), 8.818 (13.85), 9.049 (3.54), 9.069 (3.47).
338	LC-MS (Method L6): Rt = 2.62 min; MS (ESIpos): m/z = 523 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (1.69), 0.008 (1.48), 3.284 (16.00), 3.722 (1.56), 3.734 (2.60), 3.744 (1.75), 4.270 (1.58), 4.419 (0.92), 4.428 (1.44), 4.431 (1.39), 4.437 (1.43), 4.439 (1.46), 4.448 (0.90), 6.794 (1.04), 6.797 (1.09), 6.814 (1.20), 6.817 (1.20), 6.921 (1.21), 6.924 (1.15), 6.940 (0.75), 7.181 (0.92), 7.352 (0.93), 7.372 (0.91), 7.658 (1.44), 7.662 (1.50), 7.676 (5.94), 7.681 (3.69), 7.721 (0.99), 7.739 (1.31), 7.742 (1.17), 7.760 (1.24), 7.895 (1.40), 7.899 (1.44), 7.913 (1.18), 7.916 (1.10), 8.335 (1.30), 8.339 (1.31), 8.356 (1.25), 8.360 (1.14), 8.877 (4.74), 9.141 (1.07), 9.161 (1.04).

339		LC-MS (Method L6): Rt = 2.54 min; MS (ESIpos): m/z = 549 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.97), -0.008 (8.24), 0.008 (7.67), 0.146 (1.01), 1.147 (0.93), 1.750 (1.59), 1.915 (1.63), 2.075 (1.10), 2.204 (0.97), 2.366 (1.45), 2.669 (0.79), 2.710 (1.37), 3.287 (6.79), 3.337 (2.25), 3.366 (1.90), 3.390 (0.97), 3.865 (2.47), 3.895 (2.20), 4.253 (1.45), 4.282 (2.64), 4.748 (1.06), 4.758 (1.45), 5.272 (1.45), 5.292 (1.54), 6.795 (2.69), 6.798 (2.87), 6.815 (2.91), 6.818 (3.13), 6.910 (1.41), 6.913 (1.37), 6.929 (2.78), 6.932 (2.82), 6.948 (1.72), 6.951 (1.72), 7.165 (1.41), 7.169 (1.54), 7.189 (2.12), 7.208 (1.15), 7.387 (2.29), 7.407 (1.98), 7.652 (2.12), 7.657 (4.94), 7.661 (4.58), 7.678 (16.00), 7.683 (10.31), 7.725 (2.20), 7.742 (3.00), 7.746 (2.82), 7.764 (2.78), 7.894 (3.26), 7.898 (3.44), 7.912 (2.69), 7.916 (2.60), 8.366 (3.00), 8.370 (3.09), 8.387 (2.78), 8.391 (2.60), 8.852 (11.94), 9.170 (2.51), 9.191 (2.51).
340		LC-MS (Method L6): Rt = 2.35 min; MS (ESIpos): m/z = 509 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.233 (1.46), 2.060 (1.17), 2.072 (1.22), 2.096 (1.85), 2.106 (1.52), 2.180 (1.45), 2.200 (1.60), 2.216 (1.38), 2.232 (1.09), 2.710 (0.59), 3.289 (2.29), 3.770 (2.50), 3.782 (6.45), 3.794 (6.45), 3.807 (2.58), 4.251 (3.09), 4.260 (3.55), 4.268 (6.08), 4.280 (3.73), 4.310 (0.75), 4.322 (1.11), 4.337 (3.05), 4.348 (6.79), 4.359 (6.81), 4.370 (2.86), 4.385 (0.96), 5.066 (2.32), 5.079 (4.75), 5.093 (2.23), 5.263 (1.21), 5.277 (2.42), 5.296 (2.39), 5.311 (1.08), 5.753 (12.22), 6.792 (4.39), 6.812 (4.98), 6.902 (2.47), 6.920 (4.70), 6.939 (2.63), 7.160 (2.23), 7.179 (3.73), 7.198 (2.03), 7.349 (3.82), 7.366 (3.59), 7.603 (0.66), 7.608 (0.74), 7.648 (2.33), 7.653 (5.18), 7.658 (5.13), 7.674 (16.00), 7.679 (12.12), 7.703 (2.84), 7.723 (4.62), 7.742 (3.57), 7.885 (3.87), 7.888 (4.97), 7.903 (3.20), 7.906 (3.94), 8.442 (3.94), 8.445 (4.43), 8.463 (3.83), 8.466 (4.03), 8.845 (14.44), 9.174 (4.04), 9.194 (3.96).
341		LC-MS (Method L6): Rt = 2.64 min; MS (ESIpos): m/z = 493 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.356 (12.14), 1.405 (7.22), 1.423 (15.61), 1.441 (7.48), 2.073 (1.45), 2.082 (1.17), 2.091 (0.93), 2.183 (2.15), 2.192 (0.97), 2.203 (0.95), 3.568 (4.88), 4.247 (1.66), 4.256 (2.16), 4.268 (2.79), 4.274 (2.58), 4.283 (1.57), 4.359 (1.14), 4.366 (1.13), 4.377 (3.75), 4.383 (3.69), 4.394 (3.64), 4.401 (3.71), 4.412 (1.11), 4.418 (1.11), 5.274 (1.50), 5.294 (1.49), 6.793 (2.69), 6.796 (2.93), 6.814 (3.05), 6.817 (3.20), 6.871 (0.97), 6.908 (1.45), 6.911 (1.48), 6.927 (2.96), 6.930 (2.93), 6.946 (1.82), 6.949 (1.73), 7.160 (1.45), 7.165 (1.54), 7.182 (2.32), 7.199 (1.17), 7.203 (1.14), 7.352 (2.34), 7.372 (2.26), 7.376 (2.03), 7.650 (1.93), 7.655 (4.49), 7.659 (4.77), 7.672 (16.00), 7.677 (9.62), 7.709 (2.46), 7.727 (3.23), 7.730 (3.00), 7.748 (3.04), 7.888 (3.41), 7.891 (3.59), 7.905 (2.88), 7.909 (2.77), 8.301 (3.25), 8.305 (3.35), 8.322 (3.10), 8.326 (2.87), 8.833 (12.05), 9.137 (2.57), 9.158 (2.52).
342		LC-MS (Method L6): Rt = 3.11 min; MS (ESIpos): m/z = 533 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.951 (16.00), 1.175 (0.68), 1.783 (0.75), 1.802 (1.29), 1.820 (0.77), 1.988 (1.34), 4.409 (0.73), 4.414 (0.72), 7.655 (0.81), 7.659 (0.83), 7.670 (2.53), 7.675 (1.64), 7.720 (0.69), 7.878 (0.71), 8.816 (2.01).
343		LC-MS (Method L6): Rt = 2.84 min; MS (ESIpos): m/z = 557 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.37), 0.008 (1.76), 1.147 (1.15), 1.926 (1.02), 1.944 (1.15), 1.957 (1.15), 1.976 (1.22), 2.366 (1.63), 2.710 (1.69), 2.838 (0.95), 2.858 (1.29), 2.878 (1.69), 2.956 (0.88), 2.966 (1.02), 2.979 (1.02), 2.987 (1.02), 3.289 (3.66), 5.382 (7.73), 5.386 (8.00), 5.415 (0.75), 5.565 (2.03), 5.584 (1.97), 7.132 (0.88), 7.150 (2.37), 7.169 (1.69), 7.204 (1.97), 7.223 (4.00), 7.232 (2.03), 7.242 (1.97), 7.252 (1.29), 7.264 (3.53), 7.282 (1.69), 7.318 (2.24), 7.336 (4.81), 7.365 (1.76), 7.381 (2.98), 7.400 (2.92), 7.447 (1.15), 7.463 (1.76), 7.468 (1.97), 7.483 (2.10), 7.488 (1.29), 7.503 (1.08), 7.661 (1.56), 7.666 (3.80), 7.670 (4.95), 7.681 (16.00), 7.686 (9.15), 7.718 (2.51), 7.736 (3.19), 7.739 (3.12), 7.757 (3.05), 7.903 (3.39), 7.906 (3.80), 7.920 (2.92), 7.924 (2.98), 8.278 (3.12), 8.281 (3.46), 8.299 (3.05), 8.303 (2.98), 8.913 (11.73), 9.095 (2.71), 9.115 (2.71).

344	LC-MS (Method L6): Rt = 2.84 min; MS (ESIpos): m/z = 575 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.235 (1.30), 1.935 (1.60), 1.954 (1.98), 1.965 (2.10), 1.986 (1.91), 2.005 (0.73), 2.672 (0.79), 2.711 (0.59), 2.843 (1.62), 2.863 (2.27), 2.884 (2.82), 2.904 (1.36), 2.969 (1.94), 2.982 (1.99), 5.450 (1.65), 5.478 (7.32), 5.493 (7.42), 5.522 (1.77), 5.546 (1.27), 5.563 (3.23), 5.583 (3.15), 5.601 (1.18), 7.146 (1.70), 7.164 (4.06), 7.182 (3.27), 7.207 (2.49), 7.224 (4.59), 7.242 (2.89), 7.264 (6.36), 7.282 (5.13), 7.311 (1.84), 7.392 (5.56), 7.410 (6.38), 7.434 (2.03), 7.473 (1.31), 7.495 (2.55), 7.518 (2.46), 7.540 (1.11), 7.665 (7.07), 7.680 (16.00), 7.706 (2.83), 7.724 (4.62), 7.744 (2.99), 7.898 (4.83), 7.916 (4.01), 8.213 (4.51), 8.234 (4.18), 8.918 (9.86), 9.128 (3.96), 9.147 (3.86).
345	LC-MS (Method L6): Rt = 2.83 min; MS (ESIpos): m/z = 569 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.964 (0.76), 2.524 (1.70), 2.861 (0.81), 2.881 (1.06), 3.288 (1.25), 3.759 (16.00), 5.351 (4.36), 5.356 (4.34), 5.573 (1.21), 5.593 (1.19), 6.939 (1.06), 6.946 (1.14), 6.963 (1.25), 7.038 (1.56), 7.056 (4.26), 7.160 (1.59), 7.179 (1.19), 7.208 (0.94), 7.226 (1.85), 7.243 (1.17), 7.266 (2.21), 7.285 (1.11), 7.316 (1.26), 7.337 (1.99), 7.355 (1.09), 7.392 (1.78), 7.410 (1.52), 7.657 (1.23), 7.662 (2.51), 7.666 (2.55), 7.679 (7.30), 7.683 (4.89), 7.708 (1.19), 7.726 (1.75), 7.747 (1.41), 7.892 (1.85), 7.895 (1.92), 7.910 (1.52), 7.913 (1.46), 8.273 (1.73), 8.277 (1.74), 8.294 (1.66), 8.298 (1.55), 8.899 (5.35), 9.092 (1.61), 9.113 (1.58).
346	LC-MS (Method L6): Rt = 1.65 min; MS (ESIpos): m/z = 518 [M-HCl+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.897 (1.03), 3.371 (1.10), 3.386 (1.01), 5.457 (1.45), 5.543 (1.27), 5.562 (1.29), 7.232 (1.04), 7.237 (1.87), 7.245 (2.18), 7.254 (2.72), 7.258 (2.05), 7.284 (1.61), 7.298 (0.86), 7.431 (1.08), 7.438 (1.17), 7.452 (1.00), 7.670 (16.00), 7.720 (1.27), 7.738 (1.69), 7.741 (1.59), 7.759 (1.49), 7.918 (1.80), 7.921 (1.89), 7.936 (1.57), 7.939 (1.51), 8.494 (1.49), 8.515 (1.46), 8.867 (5.92), 9.235 (1.48), 9.255 (1.44).
347	LC-MS (METHOD L5): Rt = 1.39 min; MS (ESIpos): m/z = 549 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.166 (16.00), 2.055 (1.38), 2.069 (2.83), 2.084 (1.40), 2.873 (0.61), 2.889 (0.78), 3.108 (11.26), 4.418 (0.63), 4.433 (1.14), 4.447 (0.94), 4.460 (1.14), 4.474 (0.60), 5.544 (0.93), 5.560 (0.92), 7.215 (1.08), 7.226 (1.40), 7.230 (1.64), 7.243 (1.31), 7.257 (0.63), 7.273 (1.47), 7.287 (0.74), 7.417 (1.21), 7.432 (1.02), 7.647 (0.90), 7.651 (2.01), 7.654 (1.86), 7.670 (4.81), 7.674 (4.24), 7.701 (0.83), 7.717 (1.39), 7.732 (0.97), 7.875 (1.18), 7.877 (1.48), 7.889 (1.02), 7.891 (1.21), 8.314 (1.14), 8.316 (1.40), 8.331 (1.09), 8.333 (1.27), 8.809 (3.64), 9.077 (1.18), 9.093 (1.15).
348	LC-MS (Method L6): Rt = 3.09 min; MS (ESIpos): m/z = 531 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.235 (2.39), 1.331 (1.53), 1.554 (1.87), 1.570 (3.23), 1.583 (3.23), 1.587 (3.23), 1.810 (1.44), 1.948 (0.98), 1.967 (1.15), 1.978 (1.21), 1.998 (1.12), 2.327 (0.78), 2.366 (1.18), 2.391 (1.44), 2.410 (1.90), 2.429 (1.44), 2.523 (3.83), 2.670 (0.81), 2.710 (1.10), 2.849 (1.01), 2.868 (1.33), 2.889 (1.90), 2.976 (0.95), 2.987 (1.07), 2.999 (1.01), 3.008 (0.98), 3.563 (4.90), 4.171 (1.21), 4.188 (1.44), 4.194 (3.17), 4.212 (3.11), 4.218 (3.26), 4.236 (3.11), 4.241 (1.53), 4.260 (1.15), 5.535 (2.02), 5.554 (1.96), 7.214 (2.13), 7.226 (2.80), 7.230 (3.14), 7.243 (2.57), 7.247 (2.80), 7.261 (1.53), 7.265 (1.27), 7.275 (3.06), 7.292 (1.38), 7.408 (2.42), 7.425 (1.96), 7.652 (1.99), 7.657 (4.73), 7.662 (5.19), 7.673 (16.00), 7.678 (9.23), 7.714 (2.36), 7.732 (3.11), 7.735 (2.85), 7.753 (2.88), 7.882 (3.20), 7.885 (3.57), 7.900 (2.74), 7.903 (2.68), 8.304 (3.11), 8.308 (3.23), 8.325 (2.91), 8.329 (2.77), 8.812 (11.70), 9.046 (2.62), 9.066 (2.51).

349		LC-MS (METHOD L5): Rt = 1.37 min; MS (ESIpos): m/z = 490 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 0.997 (1.88), 1.009 (1.89), 1.256 (13.03), 1.268 (13.05), 1.324 (13.05), 1.337 (13.09), 1.963 (1.17), 1.978 (1.34), 1.987 (1.38), 2.004 (1.32), 2.514 (1.83), 2.523 (1.17), 2.852 (1.36), 2.868 (1.69), 2.884 (2.08), 2.900 (0.98), 2.986 (1.14), 2.995 (1.24), 3.004 (1.25), 3.012 (1.20), 3.018 (0.90), 3.027 (0.85), 4.801 (0.80), 4.813 (2.08), 4.825 (2.81), 4.837 (2.05), 4.850 (0.77), 5.526 (0.97), 5.541 (2.48), 5.557 (2.44), 5.571 (0.85), 7.222 (2.17), 7.227 (3.29), 7.233 (4.98), 7.241 (4.15), 7.245 (3.67), 7.256 (1.43), 7.260 (1.07), 7.274 (3.36), 7.287 (1.98), 7.291 (1.44), 7.404 (2.36), 7.408 (2.57), 7.420 (2.24), 7.649 (3.36), 7.652 (6.92), 7.656 (4.92), 7.681 (16.00), 7.685 (13.01), 7.704 (2.74), 7.718 (3.50), 7.720 (3.56), 7.735 (3.17), 7.878 (3.68), 7.881 (4.09), 7.892 (3.13), 7.895 (3.25), 8.306 (3.47), 8.309 (3.76), 8.323 (3.28), 8.326 (3.32), 8.861 (12.86), 8.984 (3.14), 9.001 (3.06).
350	5,06	LC-MS (Method L1): Rt = 1.35 min; MS (ESIpos): m/z = 477 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.303 (2.43), 1.322 (5.61), 1.341 (2.50), 3.252 (2.09), 3.271 (2.06), 4.250 (1.06), 4.259 (1.62), 4.268 (1.95), 4.275 (1.54), 4.284 (1.06), 5.305 (0.92), 5.325 (0.92), 6.783 (1.53), 6.785 (1.66), 6.803 (1.75), 6.806 (1.83), 6.911 (0.78), 6.914 (0.83), 6.930 (1.72), 6.932 (1.71), 6.948 (1.03), 6.951 (1.00), 7.149 (0.86), 7.153 (0.89), 7.170 (1.43), 7.350 (1.48), 7.370 (1.41), 7.652 (16.00), 7.752 (1.09), 7.770 (1.68), 7.791 (1.47), 7.871 (1.93), 7.874 (2.04), 7.889 (1.44), 7.892 (1.42), 8.319 (1.50), 8.322 (1.58), 8.340 (1.43), 8.343 (1.39), 8.839 (5.77), 9.102 (1.60), 9.123 (1.55).
351	5,1	LC-MS (Method L1): Rt = 1.36 min; MS (ESIpos): m/z = 471 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.10 (d, 1H), 8.81 (s, 1H), 8.30 (d, 1H), 8.28 (br d, 1H), 7.71 - 7.84 (m, 2H), 7.46 (t, 1H), 7.30 - 7.40 (m, 3H), 7.12 - 7.22 (m, 1H), 6.93 (td, 1H), 6.79 (dd, 1H), 5.24 - 5.37 (m, 1H), 4.19 - 4.33 (m, 2H), 3.26 (q, 3H), 2.64 - 2.74 (m, 2H), 2.16 - 2.27 (m, 1H), 2.01 - 2.12 (m, 1H), 1.32 (t, 3H), 1.23 (t, 3H).
352		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 443 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.08 (d, 1H), 8.82 (s, 1H), 8.25 (dd, 1H), 7.73 - 7.83 (m, 2H), 7.44 (s, 1H), 7.30 - 7.38 (m, 3H), 7.17 (t, 1H), 6.93 (t, 1H), 6.80 (d, 1H), 5.75 (s, 1H), 5.28 - 5.34 (m, 1H), 4.22 - 4.32 (m, 2H), 2.79 (s, 3H), 2.39 (s, 3H), 2.17 - 2.26 (m, 1H), 2.03 - 2.12 (m, 1H).
353		LC-MS (Method L1): Rt = 1.28 min; MS (ESIpos): m/z = 463 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (0.60), 2.086 (0.58), 2.094 (0.47), 2.203 (0.46), 2.214 (0.45), 2.225 (0.41), 2.794 (10.72), 4.248 (0.87), 4.271 (1.29), 4.276 (1.30), 4.286 (0.77), 5.299 (0.74), 5.318 (0.76), 5.754 (1.41), 6.787 (1.44), 6.808 (1.54), 6.911 (0.70), 6.928 (1.45), 6.946 (0.85), 7.150 (0.73), 7.154 (0.77), 7.171 (1.18), 7.189 (0.58), 7.353 (1.24), 7.372 (1.13), 7.656 (16.00), 7.754 (1.00), 7.772 (1.46), 7.793 (1.32), 7.884 (1.64), 7.886 (1.70), 7.901 (1.28), 7.904 (1.19), 8.285 (1.42), 8.288 (1.42), 8.306 (1.32), 8.309 (1.24), 8.844 (4.54), 9.082 (1.27), 9.103 (1.21).
354		LC-MS (Method L6): Rt = 2.46 min; MS (ESIneg): m/z = 558 [M-H]-	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.46), 0.008 (0.44), 1.175 (0.60), 1.187 (0.74), 1.193 (1.32), 1.205 (1.44), 1.211 (0.70), 1.223 (0.71), 2.073 (0.67), 2.523 (0.41), 3.168 (16.00), 4.201 (0.40), 4.218 (0.81), 4.227 (0.56), 4.236 (0.80), 4.245 (0.62), 6.804 (0.95), 6.826 (0.84), 7.683 (3.23), 7.897 (0.42), 8.001 (0.60), 8.018 (0.44), 9.111 (0.89), 9.124 (0.80).
355		LC-MS (Method L1): Rt = 1.25 min; MS (ESIpos): m/z = 488 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.59), 0.008 (2.29), 2.135 (0.68), 2.224 (0.56), 2.327 (1.51), 2.366 (1.57), 2.522 (5.91), 2.669 (1.22), 2.710 (0.80), 4.264 (1.54), 4.275 (1.87), 4.710 (5.79), 5.292 (0.89), 5.311 (0.86), 6.798 (1.54), 6.816 (1.69), 6.896 (0.83), 6.915 (1.63), 6.933 (0.95), 7.163 (0.83), 7.180 (1.34), 7.198 (0.65), 7.384 (1.40), 7.404 (1.25), 7.678 (16.00), 7.883 (1.10), 7.901 (1.66), 7.923 (1.51), 7.989 (2.02), 8.004 (1.40), 8.417 (1.57), 8.435 (1.45), 9.029 (5.19), 9.375 (1.45), 9.395 (1.34).

356		LC-MS (Method L1): Rt = 1.41 min; MS (ESIpos): m/z = 491 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 9.12 (d, 1H), 8.83 (s, 1H), 8.33 (d, 1H), 7.88 (d, 1H), 7.72 - 7.79 (m, 1H), 7.65 (s, 3H), 7.36 (d, 1H), 7.14 - 7.22 (m, 1H), 6.93 (t, 1H), 6.80 (d, 1H), 5.25 - 5.37 (m, 1H), 4.20 - 4.34 (m, 2H), 3.17 - 3.26 (m, 2H), 2.20 (td, 1H), 1.99 - 2.11 (m, 1H), 1.64 - 1.78 (m, 2H), 1.02 (t, 3H).
357		LC-MS (Method L1): Rt = 1.39 min; MS (ESIpos): m/z = 489 [M+H]+	^{1}H-NMR (400MHz, DMSO-d6): δ [ppm]= 8.89 - 9.00 (m, 2H), 8.04 (d, 1H), 7.90 (d, 1H), 7.72 - 7.80 (m, 1H), 7.67 (s, 3H), 7.28 - 7.39 (m, 1H), 7.16 (t, 1H), 6.92 (t, 1H), 6.78 (d, 1H), 5.54 (s, 1H), 5.19 - 5.29 (m, 1H), 5.03 (br s, 1H), 4.17 - 4.33 (m, 2H), 2.11 - 2.28 (m, 4H), 2.02 (br s, 1H).
358	4,9	LC-MS (Method L1): Rt = 1.34 min; MS (ESIpos): m/z = 489 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 0.640 (1.22), 0.650 (1.42), 0.658 (1.28), 0.668 (0.69), 0.681 (0.74), 0.691 (1.29), 0.698 (1.52), 0.709 (1.18), 1.173 (1.12), 1.186 (2.68), 1.200 (2.43), 1.203 (2.55), 1.216 (0.95), 2.067 (0.40), 2.073 (0.54), 2.079 (0.80), 2.085 (0.85), 2.095 (0.95), 2.107 (1.22), 2.112 (1.05), 2.118 (0.74), 2.124 (0.52), 2.201 (0.53), 2.208 (0.81), 2.218 (1.13), 2.228 (1.10), 2.235 (1.08), 2.246 (0.78), 2.253 (0.54), 2.409 (0.51), 2.420 (1.04), 2.426 (1.14), 2.437 (1.81), 2.449 (1.05), 2.455 (1.00), 2.466 (0.59), 4.230 (0.57), 4.235 (0.67), 4.252 (1.84), 4.258 (1.37), 4.269 (1.59), 4.275 (1.46), 4.280 (1.41), 4.287 (1.66), 4.293 (1.43), 4.300 (1.50), 4.310 (0.60), 4.315 (0.65), 4.322 (0.46), 5.280 (0.80), 5.291 (1.74), 5.307 (1.69), 5.318 (0.75), 6.783 (3.28), 6.799 (3.54), 6.905 (1.59), 6.920 (3.31), 6.934 (1.85), 7.148 (1.91), 7.165 (2.68), 7.179 (1.30), 7.367 (2.83), 7.382 (2.86), 7.648 (16.00), 7.770 (1.92), 7.784 (3.02), 7.801 (2.71), 7.869 (3.37), 7.871 (3.35), 7.884 (2.52), 8.601 (2.89), 8.618 (2.72), 8.787 (0.65), 8.816 (9.10), 9.011 (2.78), 9.027 (2.65).
359		LC-MS (Method L1): Rt = 1.38 min; MS (ESIpos): m/z = 491 [M+H]+	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: -0.007 (1.53), 0.006 (1.15), 1.527 (11.61), 1.542 (11.90), 1.554 (11.58), 1.568 (11.39), 2.024 (0.41), 2.037 (0.85), 2.044 (0.90), 2.052 (0.94), 2.057 (0.92), 2.065 (1.24), 2.071 (1.06), 2.078 (0.75), 2.084 (0.55), 2.177 (0.52), 2.184 (0.80), 2.194 (1.16), 2.204 (1.11), 2.211 (1.11), 2.221 (0.74), 2.518 (0.93), 2.522 (0.72), 3.841 (0.48), 3.855 (1.08), 3.869 (1.42), 3.883 (1.05), 3.898 (0.42), 4.218 (0.51), 4.224 (0.67), 4.240 (2.00), 4.247 (1.53), 4.257 (2.08), 4.262 (2.36), 4.268 (1.99), 4.274 (1.55), 4.281 (1.68), 4.290 (0.52), 4.297 (0.62), 4.303 (0.43), 5.264 (0.80), 5.276 (1.75), 5.292 (1.70), 5.303 (0.77), 6.784 (3.41), 6.798 (3.68), 6.916 (1.72), 6.918 (1.66), 6.930 (3.46), 6.945 (2.02), 7.151 (1.65), 7.154 (1.69), 7.168 (2.77), 7.182 (1.36), 7.185 (1.32), 7.353 (2.85), 7.368 (2.66), 7.616 (12.83), 7.620 (16.00), 7.643 (4.67), 7.647 (6.31), 7.651 (2.84), 7.720 (2.36), 7.735 (3.26), 7.738 (2.76), 7.752 (2.91), 7.840 (3.95), 7.842 (3.96), 7.854 (3.15), 7.856 (2.93), 8.446 (3.04), 8.461 (2.92), 8.757 (12.10), 9.108 (3.03), 9.125 (2.93).
360		LC-MS (Method L1): Rt = 1.12 min; MS (ESIpos): m/z = 506 [M+H]+	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 0.005 (1.55), 2.061 (0.52), 2.067 (0.77), 2.071 (0.86), 2.079 (0.95), 2.083 (0.89), 2.090 (1.10), 2.094 (0.95), 2.101 (0.63), 2.197 (0.52), 2.202 (0.70), 2.211 (1.08), 2.219 (1.07), 2.225 (1.08), 2.234 (0.81), 2.386 (0.48), 2.517 (1.21), 2.520 (1.17), 2.523 (0.96), 2.614 (0.48), 4.190 (1.43), 4.199 (0.87), 4.204 (1.08), 4.215 (5.45), 4.223 (1.99), 4.229 (4.83), 4.253 (1.43), 4.266 (1.08), 4.271 (1.32), 4.277 (1.21), 4.283 (1.51), 4.290 (0.72), 4.296 (0.76), 4.301 (0.61), 5.278 (0.77), 5.288 (1.58), 5.301 (1.57), 5.310 (0.71), 6.785 (3.04), 6.798 (3.20), 6.888 (1.54), 6.890 (1.54), 6.901 (3.04), 6.913 (1.75), 6.915 (1.67), 7.152 (1.45), 7.154 (1.49), 7.166 (2.44), 7.177 (1.22), 7.180 (1.20), 7.355 (2.91), 7.366 (4.77), 7.659 (8.30), 7.661 (16.00), 7.667 (5.88), 7.670 (4.36), 7.673 (1.81), 7.773 (2.24), 7.785 (2.96), 7.787 (2.70), 7.799 (2.65), 7.898 (3.37), 7.899 (3.46), 7.909 (2.76), 7.911 (2.71), 8.004 (2.52), 8.349 (2.84), 8.350 (2.88), 8.363 (2.68), 8.365 (2.58), 8.951 (10.28), 9.490 (2.95), 9.504 (2.84).

361		LC-MS (Method L1): Rt = 1.44 min; MS (ESIpos): m/z = 474 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.70), 0.008 (0.49), 1.398 (16.00), 1.988 (0.45), 2.519 (0.43), 6.790 (0.48), 6.849 (0.44), 6.851 (0.45), 6.870 (0.51), 6.872 (0.48), 6.966 (0.40), 7.673 (0.41), 7.696 (4.12), 7.933 (0.43), 7.951 (0.60), 7.953 (0.54), 7.972 (0.53), 8.054 (0.67), 8.057 (0.62), 8.071 (0.49), 8.075 (0.41), 9.279 (0.96), 9.311 (0.50).
362		LC-MS (Method L1): Rt = 1.25 min; MS (ESIpos): m/z = 509 [M+H]+	1H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (3.35), 0.008 (3.09), 1.942 (0.95), 1.962 (1.01), 1.973 (1.12), 1.994 (1.07), 2.877 (0.97), 2.897 (1.34), 3.072 (2.46), 3.089 (5.60), 3.105 (2.97), 3.287 (1.80), 3.448 (1.02), 3.452 (1.05), 3.463 (2.26), 3.469 (2.04), 3.479 (2.06), 3.483 (2.02), 3.500 (0.82), 4.961 (1.79), 4.975 (4.01), 4.989 (1.75), 5.573 (1.56), 5.593 (1.55), 5.754 (4.61), 7.226 (2.94), 7.234 (3.06), 7.240 (3.44), 7.248 (5.14), 7.258 (1.67), 7.266 (2.16), 7.276 (1.40), 7.279 (1.19), 7.511 (1.39), 7.523 (1.39), 7.533 (1.20), 7.657 (3.86), 7.659 (5.48), 7.663 (16.00), 7.667 (6.58), 7.670 (3.35), 7.673 (2.04), 7.676 (1.25), 7.683 (0.83), 7.839 (1.73), 7.857 (2.68), 7.860 (1.98), 7.879 (2.73), 7.927 (2.89), 7.931 (3.10), 7.945 (2.00), 7.949 (1.80), 8.630 (2.51), 8.634 (2.52), 8.651 (2.41), 8.655 (2.15), 8.879 (10.16), 9.027 (2.07), 9.048 (2.05).
363		LC-MS (Method L1): Rt = 1.37 min; MS (ESIpos): m/z = 558 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) delta [ppm]: -0.008 (2.58), 0.008 (2.57), 1.356 (1.00), 2.085 (16.00), 4.144 (1.13), 5.754 (1.90), 6.743 (1.76), 6.747 (2.04), 6.764 (1.98), 6.767 (2.24), 6.788 (1.04), 6.791 (1.01), 6.807 (2.03), 6.810 (1.93), 6.826 (1.26), 6.829 (1.15), 6.992 (1.32), 6.995 (2.52), 6.997 (1.59), 7.013 (1.50), 7.015 (2.62), 7.017 (1.66), 7.111 (0.95), 7.116 (1.01), 7.132 (1.62), 7.138 (1.65), 7.141 (1.44), 7.150 (2.04), 7.153 (2.12), 7.157 (1.66), 7.159 (1.41), 7.169 (1.40), 7.171 (1.37), 7.265 (1.54), 7.285 (1.54), 7.584 (1.21), 7.589 (1.25), 7.604 (1.61), 7.609 (1.64), 7.623 (1.04), 7.628 (1.04), 7.681 (0.99), 7.684 (1.64), 7.686 (2.60), 7.690 (5.09), 7.695 (12.74), 7.698 (4.45), 7.700 (3.56), 7.734 (1.72), 7.751 (2.14), 7.755 (2.02), 7.773 (2.10), 7.916 (2.37), 7.919 (2.53), 7.934 (2.01), 7.938 (1.93), 8.298 (1.27), 8.300 (1.54), 8.303 (1.59), 8.305 (1.45), 8.310 (1.37), 8.312 (1.59), 8.315 (1.49), 8.317 (1.32), 8.336 (2.29), 8.339 (2.36), 8.357 (2.07), 8.361 (1.99), 9.071 (8.31), 9.124 (1.92), 9.144 (1.88).
364		LC-MS (Method L1): Rt = 1.28 min; MS (ESIpos): m/z = 525 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.66), 0.008 (2.57), 2.119 (1.04), 2.128 (0.86), 2.366 (0.82), 2.710 (0.82), 3.060 (2.72), 3.077 (6.64), 3.093 (3.50), 3.287 (2.70), 3.438 (1.04), 3.454 (2.48), 3.468 (3.16), 3.481 (2.10), 3.497 (0.89), 4.254 (1.46), 4.263 (1.26), 4.273 (2.24), 4.282 (2.43), 4.297 (1.35), 4.946 (2.06), 4.960 (4.56), 4.974 (1.99), 5.291 (1.28), 5.310 (1.31), 6.781 (2.41), 6.784 (2.61), 6.802 (2.74), 6.805 (2.88), 6.910 (1.33), 6.913 (1.46), 6.928 (2.63), 6.932 (2.57), 6.947 (1.59), 6.950 (1.53), 7.151 (1.31), 7.156 (1.35), 7.173 (2.21), 7.190 (1.24), 7.194 (1.13), 7.448 (2.17), 7.465 (2.06), 7.627 (1.00), 7.632 (1.04), 7.658 (5.73), 7.662 (16.00), 7.666 (6.68), 7.669 (3.41), 7.675 (1.22), 7.838 (1.93), 7.856 (2.97), 7.859 (2.35), 7.877 (2.92), 7.929 (3.21), 7.932 (3.50), 7.946 (2.21), 7.950 (2.06), 8.624 (2.97), 8.627 (2.97), 8.645 (2.70), 8.649 (2.50), 8.881 (10.45), 9.155 (2.48), 9.175 (2.37).
365		LC-MS (Method L1): Rt = 1.32 min; MS (ESIpos): m/z = 507 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.150 (1.77), -0.008 (16.00), 0.008 (14.17), 0.146 (1.65), 1.236 (0.71), 2.104 (1.48), 2.217 (1.18), 2.327 (3.48), 2.366 (2.13), 2.523 (12.52), 2.669 (3.84), 2.709 (2.18), 4.249 (2.01), 4.269 (2.72), 4.297 (1.83), 5.284 (1.83), 5.303 (1.89), 5.754 (4.66), 6.784 (3.66), 6.804 (4.13), 6.917 (1.89), 6.932 (3.60), 6.951 (2.36), 7.155 (1.89), 7.173 (2.89), 7.193 (1.54), 7.357 (3.25), 7.362 (7.38), 7.366 (5.20), 7.394 (13.99), 7.398 (11.04), 7.430 (3.01), 7.447 (2.95), 7.814 (2.48), 7.832 (4.07), 7.853 (4.07), 7.892 (4.43), 7.896 (4.84), 7.910 (2.89), 8.550 (3.96), 8.554 (3.84), 8.571 (3.72), 8.575 (3.48), 8.841 (14.23), 9.114 (3.31), 9.135 (3.25).

366	4,79		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.129 (0.47); 9.1148 (0.47); 9.1094 (0.47); 8.7855 (1.25); 8.7775 (1.27); 8.6377 (0.78); 8.6169 (0.83); 7.8685 (0.52); 7.8505 (0.85); 7.8295 (0.79); 7.7781 (1.03); 7.7634 (0.65); 7.7608 (0.66); 7.7301 (0.69); 7.7265 (0.81); 7.7101 (0.84); 7.7068 (0.92); 7.4773 (0.34); 7.4638 (0.65); 7.4576 (0.71); 7.4446 (0.66); 7.4301 (0.75); 7.4129 (0.41); 7.3928 (0.56); 7.3822 (0.55); 7.3662 (0.35); 7.1798 (0.35); 7.1614 (0.7); 7.1419 (0.43); 6.9335 (0.47); 6.915 (0.8); 6.8966 (0.39); 6.7926 (0.94); 6.7722 (0.84); 5.2907 (0.43); 5.2723 (0.45); 4.2863 (0.4); 4.2718 (0.77); 4.263 (0.76); 4.2526 (0.49); 4.2448 (0.48); 3.3189 (19.02); 3.0568 (0.38); 3.0385 (1.18); 3.0201 (1.27); 3.0017 (0.5); 2.5053 (32.31); 2.501 (45.79); 2.4969 (38.72); 1.3977 (16); 1.1703 (1.73); 1.1519 (3.55); 1.1335 (1.74); 0.0074 (1.2); -0.0002 (26.74)
367	5,48		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.1306 (2.01); 9.1101 (2.05); 8.8861 (7.98); 8.6364 (2); 8.6333 (2.17); 8.6154 (2.23); 8.6122 (2.26); 7.9429 (1.75); 7.9397 (1.94); 7.925 (2.69); 7.9218 (2.64); 7.8638 (2.19); 7.8429 (2.42); 7.8248 (1.46); 7.6937 (0.7); 7.6622 (16); 7.458 (1.87); 7.4401 (1.96); 7.1926 (0.85); 7.1892 (0.9); 7.1715 (1.84); 7.1543 (1.13); 7.1505 (1.13); 6.948 (1.34); 6.9295 (2.26); 6.9106 (1.06); 6.8025 (2.51); 6.7834 (2.23); 6.5799 (0.36); 5.7548 (2.41); 5.3226 (0.52); 5.3079 (1.15); 5.2891 (1.14); 5.2746 (0.5); 4.3171 (0.37); 4.2984 (1.12); 4.2828 (2.04); 4.2742 (1.92); 4.2638 (1.11); 4.2555 (1.22); 4.2357 (0.36); 3.3221 (28.56); 3.0452 (1.38); 3.0269 (4.39); 3.0085 (4.61); 2.9901 (1.55); 2.9503 (2.63); 2.5062 (35.71); 2.5018 (49.01); 2.4975 (37.88); 2.2455 (0.37); 2.2396 (0.4); 2.2253 (0.63); 2.2154 (0.69); 2.2039 (0.74); 2.1923 (0.58); 2.183 (0.34); 2.1277 (0.35); 2.1193 (0.52); 2.1122 (0.71); 2.1045 (0.86); 2.0944 (0.61); 2.0876 (0.59); 2.078 (0.53); 2.0688 (0.48); 1.397 (6.52); 1.2337 (0.54); 1.1701 (1.44); 1.1529 (5.39); 1.1345 (11.03); 1.1161 (5.17); 0.0078 (2.03); -0.0002 (46.62)
368	3,76		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.4079 (0.91); 9.3936 (0.81); 9.3876 (0.93); 9.348 (0.54); 9.3284 (1.17); 9.3084 (0.7); 9.2139 (0.51); 9.2004 (1.18); 9.1877 (1.26); 9.1743 (0.63); 9.1376 (0.37); 9.124 (0.46); 9.1127 (0.45); 9.0815 (0.48); 9.069 (0.72); 9.0563 (0.54); 8.9299 (4.95); 8.9181 (2.18); 8.3146 (0.48); 7.8564 (6.67); 7.8446 (5.81); 7.8246 (0.32); 7.7421 (2.74); 7.7383 (2.93); 7.7222 (3.38); 7.7184 (3.39); 7.4976 (0.59); 7.4918 (1.24); 7.4783 (1.38); 7.4723 (2.72); 7.4633 (1.1); 7.4588 (1.07); 7.4523 (1.75); 7.4438 (0.68); 7.429 (1.04); 7.4219 (1.82); 7.4179 (1.54); 7.4031 (1.84); 7.399 (1.97); 7.3891 (1.42); 7.3854 (1.42); 7.38 (0.92); 7.3699 (1.26); 7.3497 (0.86); 7.3415 (0.86); 7.1887 (1.08); 7.1706 (2.27); 7.1526 (1.33); 6.9372 (1.41); 6.9184 (2.37); 6.8998 (1.11); 6.8025 (2.56); 6.782 (2.28); 5.7548 (16); 5.244 (0.78); 5.2248 (1.32); 4.3011 (0.47); 4.2715 (1.25); 4.2597 (1.64); 4.2386 (1.15); 4.2313 (1.34); 4.2105 (1.16); 4.19 (0.42); 4.0556 (0.74); 4.0378 (2.3); 4.02 (2.33); 4.0022 (0.78); 3.6324 (0.57); 3.6282 (0.47); 3.6193 (0.65); 3.6135 (1.07); 3.6005 (1.04); 3.595 (0.97); 3.5876 (0.71); 3.5816 (1.03); 3.569 (0.62); 3.5629 (0.59); 3.4779 (0.67); 3.3947 (0.75); 3.3771 (0.89); 3.3607 (0.77); 3.3457 (1.02); 3.3189 (76.03); 3.3011 (0.56); 3.2956 (0.52); 3.2762 (0.74); 2.6748 (0.91); 2.6703 (1.21); 2.6656 (0.94); 2.5235 (3.02); 2.5099 (69.23); 2.5056 (147.9); 2.501 (208.96); 2.4966 (158.74); 2.4924 (78.18); 2.3323 (0.85); 2.328 (1.2); 2.3235 (0.9); 2.2195 (0.41); 2.2066 (0.59); 2.1969 (0.68); 2.1869 (0.78); 2.1765 (0.84); 2.1662 (0.77); 2.1545 (0.61); 2.0945 (0.63); 2.085 (0.73); 2.0685 (0.72); 2.0511 (0.6); 1.9884 (9.96); 1.3946 (1.94); 1.3881 (1.89); 1.376 (4.14); 1.3695 (3.96); 1.3626 (3.1); 1.3577 (2.54); 1.3506 (2.19); 1.344 (5.38); 1.3253 (2.43); 1.1927 (2.64); 1.1749 (5.28); 1.1571 (2.56); 0.008 (1.98); -0.0001 (61.25); -0.0084 (2.3)

369	3,94		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.2003 (2.67); 9.1806 (3.23); 9.167 (2.01); 9.0322 (8.51); 9.019 (6.5); 8.9438 (4.48); 8.9221 (4.91); 8.3143 (2.06); 7.9838 (3.69); 7.9659 (6.23); 7.9442 (6.22); 7.9065 (7.21); 7.889 (4.28); 7.7531 (5.21); 7.7495 (5.57); 7.7332 (6.28); 7.7295 (6.44); 7.508 (2.22); 7.4958 (2.14); 7.4886 (4.93); 7.4766 (4.41); 7.4689 (3.41); 7.4566 (5.08); 7.432 (6.44); 7.4078 (3.86); 7.3882 (1.78); 7.1782 (1.86); 7.1588 (3.64); 7.1396 (2.31); 6.9267 (1.91); 6.9158 (2); 6.908 (3.3); 6.8978 (2.95); 6.8915 (1.75); 6.8809 (1.36); 6.789 (5.67); 6.7684 (5.12); 5.7544 (10.27); 5.214 (1.39); 5.2001 (2.98); 5.1805 (2.91); 5.1675 (1.28); 4.305 (1.02); 4.2955 (1.49); 4.2776 (2.26); 4.2627 (2.39); 4.2546 (1.65); 4.2028 (1.82); 4.1938 (1.6); 4.1816 (2.42); 4.1738 (2.22); 4.1539 (1.1); 4.0375 (0.53); 4.0197 (0.62); 3.9026 (0.65); 3.7185 (0.69); 3.7005 (2.39); 3.6828 (6.64); 3.6642 (7.29); 3.6477 (3.14); 3.631 (1.2); 3.6135 (0.55); 3.5953 (0.33); 3.3784 (0.72); 3.3184 (262.18); 2.675 (3.55); 2.6703 (4.96); 2.666 (3.64); 2.5236 (12.22); 2.5055 (584.02); 2.5011 (819.49); 2.4967 (626.86); 2.3325 (3.45); 2.3279 (4.64); 2.3235 (3.47); 2.1791 (1.23); 2.1677 (1.59); 2.1578 (1.93); 2.1464 (2.45); 2.133 (2.65); 2.1234 (2.57); 2.0956 (1.25); 2.0828 (0.81); 1.9882 (2.46); 1.3887 (0.5); 1.3197 (7.73); 1.3046 (14.27); 1.301 (16); 1.2858 (7.08); 1.2826 (7.64); 1.2589 (1.64); 1.2352 (4.77); 1.193 (1.14); 1.1751 (1.98); 1.1573 (1.17); 1.1406 (0.7); 1.1176 (0.38); 1.0977 (0.35); 0.8541 (0.85); 0.8372 (0.72); 0.768 (0.51); 0.7585 (0.6); 0.7287 (0.37); 0.1458 (0.91); 0.0079 (6.73); -0.0002 (210.64); -0.0083 (8.7); -0.1499 (0.88)
370	4,44		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.3994 (1.2); 9.3782 (2.63); 9.3572 (1.64); 9.1706 (1.25); 9.1482 (2.41); 9.1234 (1.62); 9.0407 (6.79); 9.0256 (5.14); 8.0137 (2.95); 7.9958 (3.69); 7.8636 (2.22); 7.8447 (3.05); 7.824 (1.78); 7.6865 (2.25); 7.6816 (5.53); 7.6774 (5.78); 7.6659 (16); 7.6613 (10.26); 7.4424 (1.15); 7.4242 (1.23); 7.3796 (1.54); 7.3615 (1.65); 7.1997 (1.27); 7.1795 (2.54); 7.1609 (1.67); 6.9491 (1.99); 6.9307 (3.38); 6.9119 (1.61); 6.8111 (3.75); 6.7907 (3.34); 5.7549 (6.05); 5.2713 (0.45); 5.2578 (1.23); 5.239 (1.43); 5.2251 (1.09); 5.2116 (0.34); 4.3107 (0.44); 4.3029 (0.54); 4.2848 (1.37); 4.2718 (2.3); 4.2635 (1.9); 4.2523 (1.39); 4.2444 (1.58); 4.2328 (0.73); 4.2244 (1.04); 4.217 (0.53); 4.2041 (0.33); 3.6141 (0.78); 3.6102 (0.99); 3.5958 (1.19); 3.5918 (1.15); 3.5813 (1.08); 3.5775 (1.52); 3.5627 (1.01); 3.5591 (1.28); 3.5409 (0.4); 3.3918 (1.1); 3.3729 (1.38); 3.3592 (1.03); 3.353 (1.23); 3.3401 (1.19); 3.3338 (1.2); 3.3202 (28.4); 3.3014 (0.76); 2.675 (0.44); 2.6707 (0.61); 2.6662 (0.47); 2.5235 (1.63); 2.5058 (73.82); 2.5014 (103.74); 2.497 (80.59); 2.493 (41.24); 2.3326 (0.43); 2.3281 (0.59); 2.3239 (0.48); 2.2328 (0.49); 2.2203 (0.71); 2.2113 (0.74); 2.1984 (1.03); 2.1872 (0.95); 2.1772 (0.91); 2.165 (0.61); 2.155 (0.35); 2.1416 (0.36); 2.1271 (0.7); 2.1187 (0.84); 2.1035 (0.67); 2.0935 (0.67); 2.0842 (0.76); 2.0783 (0.75); 2.0684 (0.55); 2.0605 (0.45); 2.0507 (0.37); 2.0437 (0.32); 1.3819 (3.75); 1.3633 (8.24); 1.3575 (3.82); 1.3445 (4.22); 1.3387 (6.43); 1.3199 (2.77); 1.2332 (0.72); 1.1754 (0.4); -0.0002 (0.66)

371	4,54		^{1}H-NMR(399,9532 MHz, DMSO): δ= 9.1895 (3.04); 9.1694 (3.1); 9.1296 (0.37); 9.1153 (10.56); 8.9396 (3.14); 8.9368 (3.35); 8.9178 (3.51); 8.915 (3.51); 8.3143 (0.49); 8.0499 (2.68); 8.0473 (2.89); 8.0321 (4.35); 8.0293 (4.1); 7.9727 (3.41); 7.9543 (2.73); 7.951 (3.52); 7.9328 (2.34); 7.7006 (3.22); 7.6959 (6.75); 7.6912 (4.54); 7.655 (16); 7.6503 (13.06); 7.4831 (2.66); 7.4649 (2.85); 7.1902 (1.31); 7.1863 (1.38); 7.1687 (2.79); 7.1515 (1.77); 7.1478 (1.69); 6.9385 (2.04); 6.9201 (3.47); 6.9036 (1.63); 6.9012 (1.66); 6.7982 (3.87); 6.779 (3.55); 5.7544 (1.92); 5.2344 (0.76); 5.2216 (1.73); 5.2018 (1.72); 5.1876 (0.75); 4.3164 (0.62); 4.3031 (0.84); 4.2899 (1.38); 4.2793 (1.29); 4.2738 (1.51); 4.2653 (1.02); 4.2225 (0.99); 4.2147 (1.33); 4.2016 (1.16); 4.1939 (1.75); 4.1864 (0.87); 4.1743 (0.72); 4.1658 (0.65); 3.7057 (0.34); 3.6883 (1.22); 3.6828 (1.08); 3.6702 (3.31); 3.6645 (3.08); 3.6516 (3.37); 3.6461 (3.16); 3.6329 (1.16); 3.6285 (1.24); 3.3193 (68.59); 2.675 (0.88); 2.6705 (1.18); 2.6659 (0.87); 2.5236 (3.14); 2.5101 (69.48); 2.5058 (144.19); 2.5013 (199.43); 2.4969 (149.23); 2.4928 (72.67); 2.3326 (0.83); 2.3282 (1.16); 2.3238 (0.81); 2.2169 (0.37); 2.204 (0.5); 2.1912 (0.95); 2.1785 (1.25); 2.1702 (1.47); 2.1564 (1.69); 2.1486 (1.83); 2.14 (1.59); 2.126 (0.94); 2.1147 (0.54); 2.1053 (0.46); 1.3515 (0.39); 1.3055 (7.28); 1.2869 (15.83); 1.2685 (7.21); 1.2352 (4.31); 1.17 (0.64); 1.1521 (0.57); 0.8536 (0.58); 0.835 (0.32); -0.0002 (1.18)
372	4,08		^{1}H-NMR(399,9532 MHz, DMSO): δ= 12.3602 (1.81); 9.1502 (2.55); 9.1301 (2.52); 8.892 (9.63); 8.8835 (0.49); 8.6271 (2.4); 8.624 (2.53); 8.6058 (2.71); 8.6028 (2.68); 7.9529 (2.14); 7.9502 (2.26); 7.9352 (3.25); 7.9323 (3.12); 7.9076 (0.43); 7.8737 (2.65); 7.8528 (2.81); 7.8346 (1.74); 7.6694 (8.23); 7.6663 (16); 7.4556 (2.26); 7.4372 (2.36); 7.1902 (1.1); 7.1719 (2.32); 7.1546 (1.4); 7.151 (1.4); 6.9475 (1.65); 6.9287 (2.79); 6.91 (1.31); 6.8025 (3.17); 6.7815 (2.81); 5.3004 (0.68); 5.2866 (1.49); 5.2669 (1.46); 5.2527 (0.64); 4.3167 (0.34); 4.3082 (0.53); 4.2896 (1.41); 4.2737 (2.43); 4.2645 (2.36); 4.2534 (1.28); 4.245 (1.54); 4.2252 (0.51); 4.2177 (0.4); 4.0377 (0.33); 4.0198 (0.37); 3.3181 (128.86); 3.1629 (2.73); 3.145 (6.07); 3.1272 (3.01); 2.89 (0.57); 2.7306 (0.51); 2.6743 (2.28); 2.6697 (3.09); 2.6658 (2.38); 2.615 (0.4); 2.597 (0.4); 2.5228 (8.93); 2.5052 (404.28); 2.5009 (529.51); 2.4965 (389.18); 2.477 (6.31); 2.332 (2.29); 2.3276 (3.04); 2.323 (2.27); 2.2559 (0.33); 2.2437 (0.53); 2.2366 (0.54); 2.2221 (0.88); 2.2127 (1.01); 2.2005 (0.98); 2.1892 (0.78); 2.1288 (0.69); 2.1204 (0.93); 2.1136 (1.11); 2.1049 (0.78); 2.0969 (0.76); 2.0877 (0.7); 2.0787 (0.66); 1.9883 (1.45); 1.2344 (0.51); 1.1925 (0.48); 1.1741 (0.82); 1.1569 (0.42); 1.1054 (0.4); 0.0077 (1.78); -0.0003 (53.99); -0.008 (2.53)
373		LC-MS (Method L1): R_t = 1.39 min; MS (ESIpos): m/z = 479 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 4.172 (16.00), 4.245 (0.90), 4.254 (1.07), 4.269 (1.49), 4.273 (1.51), 4.283 (0.86), 5.274 (0.83), 5.293 (0.83), 5.754 (12.35), 6.793 (1.40), 6.796 (1.53), 6.814 (1.59), 6.816 (1.66), 6.909 (0.74), 6.912 (0.74), 6.928 (1.55), 6.930 (1.54), 6.946 (0.93), 6.949 (0.91), 7.159 (0.76), 7.163 (0.82), 7.180 (1.29), 7.363 (1.33), 7.380 (1.25), 7.650 (0.88), 7.655 (2.07), 7.659 (2.33), 7.670 (7.40), 7.675 (4.39), 7.702 (1.20), 7.720 (1.66), 7.723 (1.57), 7.741 (1.47), 7.886 (1.69), 7.890 (1.80), 7.904 (1.44), 7.908 (1.42), 8.296 (1.61), 8.299 (1.63), 8.317 (1.54), 8.320 (1.45), 8.811 (5.57), 9.192 (1.36), 9.212 (1.34).

384	1.66		384: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9731(0.6);8.9623(0.6);8.9531(0.6);8.9419(0.5);8.4859(0.4);8.3740(0.7);8.3670(0.7);8.3565(0.8);8.3495(0.8);8.3209(2.7);7.7618(0.4);7.7477(0.4);7.7333(0.5);7.7203(0.4);7.6684(1.2);7.6517(1.2);7.6483(1.4);7.5524(0.5);7.5423(3.3);7.5361(1.8);7.5245(1.4);7.5070(0.4);7.4333(0.4);7.4228(0.5);7.4138(0.9);7.4033(0.8);7.3941(0.6);7.3837(0.5);7.3046(1.3);7.2862(1.8);7.2711(0.5);7.1678(0.5);7.1476(1.1);7.1280(0.6);6.9086(0.8);6.8899(1.2);6.8713(0.6);6.7857(1.6);6.7654(1.3);5.2479(0.3);5.2338(0.7);5.2140(0.7);4.2573(1.1);4.2441(1.8);4.2314(1.1);3.3217(36.1);3.0620(2.2);3.0560(2.8);3.0504(2.7);3.0439(2.5);3.0278(0.6);2.5049(33.4);2.5007(44.2);2.4965(34.0);2.1736(0.3);2.1521(0.4);2.1380(0.6);2.1241(0.5);2.0312(0.5);2.0163(0.6);2.0038(0.3);1.9947(0.4);1.9884(0.4);1.3971(16.0);-0.0002(19.8)
385	1.55		385: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9954(0.7);8.9747(0.7);8.4127(0.8);8.3889(3.2);7.8025(0.5);7.7890(0.5);7.6892(0.8);7.6729(1.1);7.5759(0.9);7.5701(0.4);7.5551(1.2);7.5367(0.7);7.3163(0.7);7.2977(0.8);7.1731(0.7);7.1561(1.1);7.1385(0.6);6.9188(0.5);6.9014(0.9);6.8835(0.4);6.7948(1.0);6.7745(1.0);5.2426(0.5);5.2229(0.5);4.2655(0.8);4.2517(1.4);4.2391(0.8);3.3230(12.3);3.0662(2.8);3.0538(2.8);2.5055(17.4);2.5013(22.6);2.4970(17.0);2.1478(0.4);2.1343(0.4);2.0450(0.3);2.0307(0.4);1.9884(0.9);1.3974(16.0);1.1746(0.4);0.0078(0.5);-0.0002(12.0)
395	1.93		395: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9826(3.1);8.9620(3.2);8.4484(2.1);8.4334(2.3);8.4245(2.4);8.4103(12.6);8.3268(0.6);7.9292(1.8);7.9165(1.8);7.6580(3.8);7.6532(7.4);7.6484(4.2);7.5327(2.4);7.5095(4.5);7.4864(2.4);7.4628(11.2);7.4594(10.8);7.3192(0.3);7.3065(2.9);7.2879(3.1);7.1773(1.4);7.1738(1.4);7.1563(2.9);7.1388(1.9);7.1353(1.8);6.9190(2.0);6.9164(2.2);6.9001(3.6);6.8979(3.8);6.8819(1.8);6.8792(1.8);6.7961(4.0);6.7940(4.1);6.7757(3.7);6.7735(3.6);5.7559(16.0);5.2477(0.8);5.2330(1.9);5.2134(1.9);5.1997(0.9);4.2618(3.1);4.2486(5.4);4.2356(3.4);4.0379(0.4);4.0202(0.4);3.3218(86.0);3.0661(11.7);3.0536(11.8);2.6749(0.6);2.6705(0.8);2.6660(0.6);2.5238(2.8);2.5103(50.5);2.5060(102.1);2.5015(134.9);2.4970(97.8);2.4927(47.7);2.3328(0.6);2.3282(0.8);2.3237(0.6);2.1916(0.4);2.1780(0.9);2.1627(1.0);2.1574(0.9);2.1424(1.6);2.1289(1.5);2.1149(0.6);2.0549(0.5);2.0425(1.3);2.0280(1.5);2.0205(0.8);2.0150(0.9);2.0069(1.1);1.9887(2.2);1.3973(10.5);1.3516(0.5);1.2587(0.4);1.2492(0.3);1.2333(0.9);1.1926(0.5);1.1748(1.0);1.1570(0.5);0.0080(1.2);-0.0001(34.0);-0.0084(1.3)
427	3.81		427: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.8749(4.5);8.8543(4.6);8.6918(16.0);8.2529(4.8);8.2338(5.1);8.2316(5.1);7.8425(4.2);7.8272(6.1);7.7693(4.8);7.7486(5.2);7.7304(3.1);7.6505(0.9);7.6422(1.0);7.6350(1.2);7.6273(1.9);7.6235(2.0);7.6142(1.9);7.6064(1.9);7.6016(1.9);7.5948(1.2);7.5866(1.0);7.5788(0.8);7.4334(4.3);7.4147(4.7);7.2421(2.4);7.2322(2.4);7.2202(2.3);7.1731(2.1);7.1554(4.4);7.1378(2.7);6.9373(3.2);6.9188(5.5);6.9002(2.6);6.7863(6.0);6.7657(5.5);5.2365(1.2);5.2204(2.8);5.2018(2.8);5.1875(1.3);4.2935(0.8);4.2753(2.7);4.2587(4.8);4.2499(4.6);4.2384(2.6);4.2310(2.9);4.2102(0.9);4.0554(0.4);4.0378(0.9);4.0205(0.9);3.4979(41.4);3.4611(0.3);3.3196(127.6);3.2906(37.1);3.2593(0.4);3.2518(0.4);2.6711(1.5);2.6075(0.4);2.5052(201.2);2.5014(249.4);2.3279(1.4);2.1701(1.6);2.1600(1.7);2.1500(1.9);2.1376(1.4);2.1280(0.8);2.0556(1.8);2.0483(2.1);2.0386(1.5);2.0298(1.5);2.0223(1.3);2.0126(1.2);1.9885(3.7);1.3978(3.7);1.2364(0.7);1.1922(0.9);1.1746(1.9);1.1566(1.0);-0.0002(4.5)
445	2.13		445: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.4154(0.6);8.4123(0.6);7.6823(0.4);7.6786(0.4);7.6571(0.4);7.6475(0.4);7.6400(0.9);6.7637(0.4);5.7524(16.0);4.0645(0.6);3.8724(0.6);3.3200(2.8);2.5052(4.9);2.5008(6.3);2.4963(4.5);2.3205(0.4);1.9880(0.7);1.1752(0.4);-0.0002(4.8)

452	3.94		452: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.7209(3.6);8.7000(4.0);8.6897(16.0);8.2701(3.6);8.2667(4.0);8.2490(4.3);8.2456(4.2);7.8441(3.0);7.8409(3.3);7.8265(5.0);7.8233(4.6);7.7697(4.4);7.7515(3.6);7.7486(4.4);7.7308(2.8);7.6522(0.7);7.6444(0.8);7.6369(0.9);7.6300(1.4);7.6246(1.4);7.6163(1.4);7.6081(1.3);7.6034(1.4);7.5958(0.9);7.5887(0.8);7.5810(0.6);7.4927(0.3);7.4814(2.2);7.4729(2.9);7.4605(2.8);7.2674(1.3);7.2549(3.5);7.2449(6.3);7.2328(9.0);7.2219(8.0);7.2162(3.8);7.2103(4.7);7.1981(0.5);5.7572(10.3);5.5284(1.0);5.5088(2.9);5.4887(2.9);5.4687(1.0);3.4923(37.5);3.3247(16.2);3.3105(0.7);3.2922(32.1);2.9922(0.7);2.9841(0.8);2.9705(0.9);2.9620(1.0);2.9529(1.6);2.9448(1.6);2.9309(1.6);2.9228(1.4);2.8834(1.1);2.8630(2.4);2.8426(1.8);2.8234(1.2);2.8026(0.7);2.5231(1.6);2.5094(15.9);2.5051(32.4);2.5007(41.5);2.4962(30.3);2.4728(1.7);2.4643(1.4);2.4530(0.8);2.4449(0.6);1.9656(0.7);1.9440(1.9);1.9342(0.8);1.9232(1.9);1.9127(1.8);1.9014(0.8);1.8918(1.7);1.8700(0.6)
481	3,33		481: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.8434(0.4);9.1777(1.2);9.1644(1.4);9.1583(1.5);9.1461(1.1);8.9656(0.6);8.5679(0.4);8.5578(0.4);8.3141(0.4);8.2906(0.3);8.2685(0.4);8.2490(2.2);8.2440(2.2);8.2295(2.4);8.2244(2.4);8.0111(0.7);7.9895(0.6);7.9522(1.0);7.6897(2.8);7.6861(2.8);7.6697(3.4);7.6661(3.2);7.6383(1.3);7.6206(3.6);7.6005(6.3);7.5945(4.4);7.5819(1.4);7.5774(0.8);7.5191(0.4);7.5077(0.4);7.4986(0.4);7.4872(0.4);7.4510(1.0);7.4428(0.9);7.4319(1.9);7.4236(1.7);7.4122(1.2);7.4041(1.0);7.3352(2.6);7.3166(3.0);7.3077(2.3);7.2883(0.9);7.1880(1.2);7.1703(2.4);7.1527(1.5);6.9365(1.3);6.9169(2.1);6.8982(1.0);6.8079(3.2);6.7875(2.9);5.7540(7.8);5.2734(1.3);4.3307(0.6);4.3220(0.9);4.3038(1.1);4.2928(1.5);4.2828(0.9);4.2350(1.1);4.2103(1.5);4.1831(0.6);4.1709(0.8);4.0380(0.6);4.0202(0.6);3.8597(5.5);3.8494(7.9);3.8384(5.6);3.5677(1.0);3.3182(55.2);3.2947(0.7);3.2627(6.5);2.8904(6.9);2.7313(6.1);2.6743(0.9);2.6700(1.2);2.6657(0.9);2.6238(0.6);2.5054(151.3);2.5010(194.0);2.4966(144.4);2.4305(16.0);2.3321(0.9);2.3276(1.2);2.3234(0.8);2.2815(0.4);2.2703(0.6);2.2584(0.6);2.2457(1.0);2.2346(1.0);2.2223(0.8);2.2102(0.7);2.0907(1.1);2.0764(0.8);2.0611(0.8);1.9881(2.2);1.9643(2.5);1.9078(0.7);1.2982(0.8);1.2586(1.2);1.2354(1.8);1.1925(0.7);1.1749(1.3);1.1570(0.7);1.0448(0.8);1.0296(0.9);0.8533(0.5);0.8367(0.4);-0.0002(20.1)
482	4,36		482: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.2312(1.6);9.2113(1.7);8.8635(0.8);8.8560(0.7);8.6870(4.9);8.6846(4.8);8.4211(0.4);8.4187(0.4);8.4001(0.5);8.3976(0.5);8.3288(2.1);8.3253(2.2);8.3085(2.4);8.3046(2.3);7.9518(2.0);7.9399(0.4);7.9219(0.6);7.9013(0.5);7.8692(0.6);7.8658(0.7);7.8512(0.4);7.8481(0.4);7.7575(1.4);7.7398(3.3);7.7265(0.8);7.7194(3.5);7.7134(3.1);7.7092(5.0);7.7044(3.8);7.6931(3.6);7.6900(4.4);7.4756(0.6);7.4676(0.9);7.4573(1.2);7.4481(1.9);7.4380(1.7);7.4285(1.2);7.4184(1.1);7.4106(0.4);7.4063(0.5);7.3859(0.6);7.3624(3.5);7.3434(4.0);7.3282(1.0);7.1883(1.2);7.1679(2.6);7.1496(1.6);6.9420(0.4);6.9215(1.7);6.9027(2.5);6.8841(1.1);6.8042(3.6);6.7838(3.2);6.4934(0.6);6.3542(1.2);6.2153(0.6);5.2813(0.6);5.2666(1.4);5.2495(1.3);5.2341(0.6);4.3072(0.4);4.2994(0.6);4.2811(1.5);4.2661(2.6);4.2573(2.4);4.2461(1.4);4.2383(1.6);4.2184(0.5);3.6443(1.0);3.6356(1.1);3.6076(2.1);3.5982(2.1);3.5702(1.1);3.5611(1.1);3.3361(8.5);3.1204(16.0);2.8898(12.3);2.7309(11.2);2.6697(0.4);2.5464(0.5);2.5320(0.4);2.5051(52.8);2.5008(69.0);2.4966(53.0);2.3273(0.4);2.2272(0.8);2.2132(1.0);2.2032(1.0);2.1911(1.0);2.1802(0.8);2.1700(0.5);2.0712(0.8);2.0635(1.0);2.0557(1.1);2.0404(0.8);2.0291(0.7);2.0202(0.7);2.0057(0.3);-0.0003(6.8)
483	4,51		483: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1530(3.3);9.1331(3.3);8.3144(0.4);8.2384(3.3);8.2175(3.5);7.8013(3.3);7.7859(4.0);7.7833(4.0);7.6663(12.9);7.6617(16.0);7.6435(3.0);7.6257(7.6);7.6217(9.8);7.6044(2.4);7.3530(3.1);7.3342(3.3);7.1978(1.5);7.1799(3.2);7.1626(1.9);7.1591(1.9);6.9502(2.2);6.9325(3.8);6.9143(1.8);6.8162(4.2);6.7962(3.8);5.7539(0.9);5.3110(0.9);5.2992(1.9);5.2910(1.6);5.2806(1.9);5.2681(0.9);4.3430(0.8);4.3318(1.2);4.3146(1.5);4.3034(1.9);4.2377(1.5);4.2126(2.1);4.1903(1.0);4.1861(0.8);3.8582(7.3);3.8486(9.8);3.8372(7.6);3.3198(91.4);3.2545(9.6);2.8907(1.6);2.7317(1.5);2.6703(1.1);2.5307(28.2);2.5057(131.0);2.5014(169.2);2.4972(132.2);2.4303(0.4);2.3280(1.0);2.3238(0.9);2.2931(0.5);2.2833(0.7);2.2694(0.8);2.2569(1.3);2.2474(1.3);2.2359(1.1);2.2245(1.0);2.1036(1.5);2.0895(1.1);2.0744(1.0);2.0689(1.0);1.3522(0.3);1.2983(0.4);1.2583(0.6);1.2331(1.0);1.0454(0.5);1.0302(0.5);-0.0002(21.6)

484	1,75		484: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0532(4.3);9.0323(4.2);8.5051(0.4);8.4393(4.2);8.4350(4.5);8.4201(4.4);8.4155(4.6);8.3939(8.8);8.3868(9.2);8.3142(1.4);7.6897(0.4);7.6761(6.0);7.6726(6.4);7.6560(7.9);7.6525(8.2);7.6359(2.7);7.6087(1.6);7.5964(2.8);7.5831(4.2);7.5660(16.0);7.5467(7.3);7.5290(2.7);7.4346(2.4);7.4274(2.4);7.4149(4.7);7.4079(4.6);7.3953(2.9);7.3881(2.7);7.3083(6.5);7.3013(7.6);7.2893(5.4);7.1723(2.8);7.1545(5.6);7.1369(3.3);6.9047(4.1);6.8873(6.8);6.8693(3.2);6.7945(7.5);6.7740(6.8);5.2588(1.6);5.2429(3.5);5.2246(3.4);5.2103(1.5);4.7025(4.2);4.6839(6.9);4.6682(6.4);4.6465(2.6);4.6386(2.2);4.3431(1.0);4.3325(1.0);4.2970(6.9);4.2829(10.8);4.2688(9.9);4.2575(8.7);4.2461(5.4);4.2278(0.8);4.0556(1.0);4.0378(3.1);4.0200(3.2);4.0022(1.1);3.7921(5.4);3.7775(8.0);3.7605(5.6);3.4061(0.4);3.3209(633.3);3.2515(0.4);2.6703(5.2);2.5056(663.0);2.5013(852.3);2.4971(645.4);2.3840(0.4);2.3324(3.9);2.3280(5.2);2.3082(0.4);2.1919(0.8);2.1797(1.6);2.1597(1.9);2.1448(2.9);2.1293(2.4);2.1159(1.1);2.0312(2.3);2.0180(2.4);1.9883(14.6);1.2981(0.3);1.2593(0.4);1.2345(1.1);1.1926(3.6);1.1748(7.1);1.1570(3.5);1.0448(6.4);1.0295(6.3);0.8540(0.3);0.0078(1.1);-0.0002(31.7)
485	4,61		485: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0447(1.3);9.0241(1.4);8.6831(5.0);8.3580(0.9);8.3422(1.0);8.3344(1.0);8.3188(1.0);7.6986(1.6);7.6939(3.0);7.6892(1.8);7.6815(1.1);7.6582(1.9);7.6350(1.0);7.5067(4.9);7.5025(4.7);7.4296(0.9);7.4176(1.1);7.4087(1.0);7.2865(0.5);7.2766(0.9);7.2645(1.5);7.2529(0.7);7.2405(2.7);7.2354(1.7);7.2291(1.7);7.2245(1.3);7.2186(1.6);5.5624(0.4);5.5433(1.1);5.5237(1.1);5.5041(0.4);3.8775(2.7);3.8671(4.2);3.8565(2.8);3.5679(2.1);3.3194(17.3);3.2870(3.4);3.2784(3.4);3.0030(0.3);2.9938(0.4);2.9851(0.5);2.9765(0.6);2.9634(0.6);2.9552(0.5);2.9048(0.4);2.8845(0.9);2.8646(0.7);2.8450(0.5);2.6708(0.5);2.6662(0.4);2.5661(0.3);2.5564(0.6);2.5453(0.8);2.5356(1.0);2.5237(2.6);2.5059(67.0);2.5015(85.5);2.4972(64.1);2.3327(0.4);2.3285(0.5);2.3238(0.4);1.9882(1.2);1.9554(0.6);1.9449(0.3);1.9351(0.6);1.9237(0.6);1.9042(0.6);1.3978(16.0);1.1752(0.6);-0.0002(3.5)
486	2.63		486: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.3542(5.2);9.3302(5.6);9.1745(3.3);9.1546(3.4);8.5530(16.0);8.4199(3.0);8.4043(3.3);8.3963(3.5);8.3808(3.2);8.1903(5.9);8.1702(6.4);7.7341(3.5);7.7112(6.5);7.6943(2.1);7.6878(5.3);7.6762(3.0);7.6661(2.0);7.6563(1.7);7.5069(2.7);7.4864(3.7);7.4659(2.1);7.3456(4.0);7.3267(4.4);7.1685(2.0);7.1506(4.3);7.1329(2.6);7.1302(2.5);6.9072(3.0);6.8889(5.2);6.8703(2.4);6.7892(5.9);6.7690(5.4);5.2557(1.2);5.2415(2.6);5.2224(2.7);5.2081(1.2);4.2961(0.7);4.2873(1.0);4.2804(0.9);4.2686(2.4);4.2592(2.3);4.2526(2.8);4.2429(3.4);4.2350(2.7);4.2211(2.2);4.2140(2.8);4.1933(1.0);4.1864(0.8);4.0381(0.5);4.0204(0.5);3.8901(13.8);3.8786(8.0);3.8613(1.1);3.3619(1.0);3.3512(1.8);3.3217(51.2);3.3073(9.9);3.2947(4.6);3.2752(1.7);3.2647(1.0);2.6702(0.9);2.6662(0.7);2.5404(3.4);2.5054(114.7);2.5012(147.6);2.4969(111.5);2.3277(0.9);2.2413(0.6);2.2284(0.9);2.2203(1.2);2.2072(1.7);2.1979(1.7);2.1856(1.8);2.1736(1.3);2.1643(0.8);2.0621(1.2);2.0540(1.7);2.0471(1.9);2.0314(1.4);2.0198(1.3);2.0125(1.2);2.0049(0.8);1.9975(0.6);1.9883(2.2);1.2586(0.4);1.2350(0.4);1.1927(0.6);1.1749(1.1);1.1589(5.2);1.0697(4.9);1.0455(0.4);1.0301(0.4);0.1459(0.7);0.0073(6.8);-0.0002(147.2);-0.1497(0.8)
490	2.96		490: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1477(4.1);9.1276(4.1);8.5827(12.2);8.3171(2.9);8.3016(3.0);8.2939(3.1);8.2782(2.8);7.9206(2.2);7.6395(3.1);7.6171(5.3);7.5945(2.9);7.3628(2.2);7.3551(2.2);7.3452(2.4);7.3386(2.3);7.2276(2.8);7.2178(2.4);7.2081(3.6);7.1982(3.5);7.1819(2.0);7.1787(2.0);7.1607(4.1);7.1434(6.7);7.1244(2.7);7.0096(0.5);6.9931(0.7);6.9503(3.6);6.9211(5.0);6.9062(4.3);6.8877(2.0);6.7966(5.4);6.7764(4.8);5.2635(1.1);5.2495(2.4);5.2301(2.4);5.2154(1.1);4.2964(0.9);4.2773(2.1);4.2608(2.5);4.2515(2.8);4.2266(2.2);4.1995(0.8);4.0557(1.2);4.0379(3.4);4.0201(3.4);4.0023(1.1);3.8713(11.2);3.3206(387.1);3.2966(7.4);3.2905(7.5);3.2825(7.0);3.2732(5.1);3.2568(2.4);3.2395(1.2);2.6747(1.8);2.6703(2.4);2.6661(1.8);2.5057(315.1);2.5013(404.4);2.4970(301.6);2.4284(0.4);2.3278(5.0);2.2944(14.1);2.2808(14.3);2.2321(3.2);2.2139(1.4);2.2024(1.5);2.1933(1.5);2.1807(1.2);2.0542(1.7);2.0257(1.2);2.0200(1.1);2.0040(0.6);1.9883(14.3);1.8912(14.0);1.8683(13.8);1.3979(16.0);1.2586(0.3);1.2359(0.8);1.1927(3.8);1.1749(7.5);1.1571(3.7);1.0448(0.8);1.0296(0.8);-0.0002(5.2)

515	3.00		515: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1233(0.6);9.1025(0.6);8.5606(1.9);8.2915(0.5);8.2868(0.5);8.2717(0.5);8.2669(0.5);8.1363(10.5);7.7032(0.6);7.6996(0.6);7.6832(0.8);7.6797(0.7);7.6686(0.8);7.6482(1.2);7.6420(0.9);7.4385(0.4);7.4299(0.4);7.3534(0.6);7.3361(0.7);7.1628(0.5);7.1460(0.3);7.1422(0.3);6.9168(0.4);6.8993(0.6);6.7981(0.7);6.7787(0.6);4.2597(0.6);4.2485(0.5);4.2391(0.3);3.8361(0.4);3.8217(0.4);3.8088(0.5);3.3351(2.2);3.3298(2.2);3.3070(2.3);3.1311(0.5);3.1135(0.7);3.0824(4.2);2.6708(0.4);2.5061(48.0);2.5017(62.2);2.4973(46.5);2.3283(0.4);2.0857(16.0);2.0411(0.4);2.0329(0.4);1.7082(0.4);-0.0002(7.0)
516	3,90		516: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.8758(2.0);8.8723(2.0);8.8550(2.1);8.7191(6.4);8.7148(6.2);8.3524(1.2);8.3445(1.3);8.3368(1.4);8.3289(2.5);8.3210(1.5);8.3134(1.4);8.3055(1.3);7.7689(2.3);7.7459(4.2);7.7227(2.4);7.7125(0.7);7.7045(0.7);7.6975(1.2);7.6926(1.2);7.6839(1.1);7.6712(1.2);7.6640(0.7);7.6561(0.6);7.6484(0.5);7.4239(1.8);7.4047(1.9);7.3115(0.8);7.2995(1.1);7.2892(1.4);7.2665(0.7);7.1748(1.3);7.1716(1.4);7.1539(2.8);7.1364(1.7);7.1330(1.7);6.9314(2.0);6.9130(3.4);6.8946(1.6);6.7840(3.8);6.7652(3.4);5.2246(0.7);5.2093(1.6);5.1923(1.6);5.1773(0.6);4.2981(0.4);4.2901(0.6);4.2828(0.5);4.2711(1.6);4.2620(1.6);4.2542(2.4);4.2456(2.6);4.2255(1.6);4.2200(1.2);4.2049(0.4);4.1983(0.5);4.0560(0.4);4.0382(1.3);4.0204(1.3);4.0027(0.5);3.5003(16.0);3.4938(15.3);3.4796(0.6);3.3204(13.4);3.2904(24.9);3.2554(0.4);2.6753(0.4);2.6707(0.6);2.6667(0.4);2.5061(71.2);2.5017(92.2);2.4972(69.1);2.3327(0.4);2.3285(0.5);2.3241(0.4);2.1784(0.7);2.1686(0.8);2.1561(1.0);2.1492(1.0);2.1437(1.0);2.1362(0.8);2.0592(0.7);2.0512(0.9);2.0433(1.2);2.0354(1.1);2.0257(0.9);2.0178(0.8);2.0087(0.8);2.0018(0.7);1.9887(6.0);1.3975(4.4);1.1929(1.5);1.1751(3.0);1.1573(1.4);0.0079(0.5);-0.0002(12.2);-0.0082(0.5)
518	2.19		518: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0894(1.9);9.0689(1.9);8.5253(6.9);8.4176(1.8);8.3983(2.0);7.9524(2.4);7.7616(2.1);7.7592(2.1);7.7438(2.6);7.7414(2.4);7.7153(0.8);7.7027(1.6);7.6900(0.8);7.6238(6.7);7.6194(12.3);7.6103(4.6);7.6061(3.5);7.6009(1.5);7.5766(1.8);7.5583(2.0);7.5555(2.0);7.5374(1.5);7.3313(1.8);7.3134(1.9);7.1897(0.9);7.1870(0.8);7.1692(1.8);7.1516(1.2);7.1480(1.1);6.9265(1.3);6.9239(1.3);6.9076(2.2);6.8894(1.1);6.8867(1.0);6.8100(2.5);6.7896(2.3);5.2760(0.5);5.2619(1.1);5.2426(1.1);5.2280(0.5);4.6943(1.5);4.6787(2.2);4.6755(2.2);4.6691(1.7);4.6600(1.9);4.6536(2.3);4.6505(2.1);4.6349(1.6);4.3095(0.3);4.2989(1.9);4.2902(3.4);4.2843(4.8);4.2753(5.3);4.2612(3.2);3.8016(1.6);3.7850(2.6);3.7698(1.8);3.3394(0.5);3.3204(30.7);3.3072(1.3);3.2882(0.7);3.2737(0.4);2.8904(16.0);2.7318(13.8);2.6747(0.4);2.6701(0.5);2.6659(0.4);2.5058(64.7);2.5014(82.8);2.4969(60.3);2.4927(29.6);2.3281(0.5);2.1972(0.4);2.1851(0.4);2.1757(0.6);2.1616(0.9);2.1460(0.7);2.1320(0.3);2.0740(2.6);2.0620(0.8);2.0505(0.8);2.0356(0.6);2.0263(0.6);2.0164(0.5);0.0079(1.5);-0.0002(38.6);-0.0085(1.5)
522	2.88		522: ^{1}H-NMR(601.6 MHz, d_6-DMSO): δ= 9.0428(0.8);9.0296(0.8);8.1535(0.8);8.1513(0.8);8.1394(0.9);8.1372(0.9);7.7631(0.8);7.7608(0.8);7.7512(1.0);7.7490(0.9);7.6672(3.5);7.6640(3.9);7.6101(0.9);7.6069(1.5);7.6038(0.7);7.5892(0.8);7.5772(0.8);7.5752(0.8);7.5632(0.7);7.3301(0.6);7.3172(0.7);7.1857(0.4);7.1831(0.4);7.1716(0.7);7.1600(0.4);7.1574(0.4);6.9397(0.5);6.9380(0.5);6.9257(0.8);6.9149(0.4);6.9132(0.4);6.8047(0.9);6.7924(0.9);5.7502(1.4);5.2771(0.4);5.2642(0.4);4.2903(0.4);4.2268(0.3);4.2106(0.5);3.3053(4.6);3.0336(16.0);2.5150(7.7);2.5060(4.4);2.5030(9.2);2.5000(12.7);2.4970(9.2);2.4940(4.3);1.3973(0.8);-0.0002(9.1)
523	2.11		523: ^{1}H-NMR(601.6 MHz, d_6-DMSO): δ= 9.0676(0.4);9.0547(0.6);9.0421(0.3);8.1664(0.9);8.1630(0.9);8.1534(1.1);8.1499(1.0);7.6767(1.1);7.6741(1.1);7.6632(1.3);7.6607(1.2);7.5844(0.6);7.5726(1.4);7.5593(2.3);7.5550(1.3);7.5467(0.4);7.4260(0.6);7.4174(0.4);7.3207(0.5);7.3128(0.9);7.3014(1.2);7.1740(0.4);7.1635(0.8);7.1501(0.4);6.9255(0.4);6.9132(0.5);6.7968(1.0);6.7823(0.9);5.3055(0.4);5.2630(0.4);5.2568(0.4);4.2883(0.4);4.2826(0.4);4.2086(0.4);4.1667(0.4);3.3028(42.7);3.0387(16.0);3.0127(0.7);2.6147(0.4);2.6116(0.5);2.6084(0.4);2.6054(0.5);2.5208(0.9);2.5178(1.1);2.5147(1.2);2.5059(28.6);2.5029(63.1);2.4999(88.1);2.4968(63.1);2.4938(29.0);2.4136(4.2);2.3869(0.4);2.3840(0.5);2.3811(0.4);2.2183(0.4);2.2113(0.4);1.3983(11.6);0.0052(1.4);-0.0002(61.6);-0.0058(2.3)

524	2.34		524: ^{1}H-NMR(601.6 MHz, d_6-DMSO): δ= 9.0713(0.8);9.0578(0.8);8.1990(0.9);8.1846(0.9);7.7017(0.8);7.6914(1.0);7.6896(1.0);7.6095(0.9);7.5972(1.0);7.5837(0.8);7.5631(0.4);7.3217(0.8);7.3096(0.8);7.1789(0.8);7.1680(1.0);7.1566(0.6);6.9311(0.6);6.9192(1.0);6.9080(0.6);6.8015(1.0);6.7876(0.9);5.2704(0.6);5.2579(0.5);4.3124(0.4);4.3049(0.4);4.2890(0.4);4.2232(0.5);4.2075(0.5);4.1930(0.3);4.1891(0.4);3.3025(59.1);3.2911(0.4);3.0396(16.0);3.0127(0.9);2.6120(0.9);2.6084(0.7);2.6057(0.8);2.5210(1.5);2.5180(1.8);2.5145(1.8);2.5058(51.6);2.5030(107.0);2.5000(145.0);2.4970(104.8);2.4942(49.6);2.4679(7.8);2.3842(1.0);2.2364(0.4);2.2282(0.3);2.2188(0.4);2.0703(0.4);1.3984(0.7);1.2362(0.8);0.0966(0.4);0.0052(2.0);-0.0002(82.2);-0.0057(3.6);-0.1001(0.5)
525	2.62		525: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1140(1.1);9.1057(1.1);9.0945(1.2);9.0855(1.0);8.5540(6.4);8.3143(0.7);8.2423(1.9);8.2373(1.8);8.2225(2.0);8.2176(2.0);7.7020(2.3);7.6983(2.3);7.6822(3.5);7.6783(2.8);7.6659(3.1);7.6457(5.0);7.6395(3.2);7.6264(1.0);7.4582(0.8);7.4470(0.9);7.4388(1.7);7.4279(1.6);7.4191(1.1);7.4078(0.9);7.3495(2.8);7.3293(3.4);7.3094(0.8);7.1767(1.0);7.1592(2.0);7.1411(1.3);6.9254(1.4);6.9072(2.4);6.8882(1.1);6.7955(2.8);6.7753(2.5);5.2371(1.1);5.2227(1.1);4.2896(0.5);4.2708(1.3);4.2555(2.3);4.2473(2.1);4.2358(1.2);4.2282(1.4);4.2078(0.4);4.2005(0.3);3.5676(0.3);3.3679(1.4);3.3498(4.3);3.3208(300.6);3.0155(14.3);2.6749(1.8);2.6704(2.3);2.6663(1.7);2.5234(7.5);2.5058(309.0);2.5014(394.8);2.4970(286.9);2.3325(1.8);2.3280(2.3);2.3240(1.7);2.2142(0.5);2.2047(0.5);2.1922(0.8);2.1823(0.8);2.1699(0.8);2.1586(0.6);2.1484(0.4);2.0360(0.8);2.0218(0.7);2.0092(0.6);2.0012(0.6);1.9885(0.8);1.3979(16.0);1.2461(3.0);1.2288(6.1);1.2111(3.0);1.1924(0.3);1.1750(0.4);-0.0002(1.8)
526	3.29		526: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1145(1.7);9.0942(1.7);8.5403(7.4);8.1746(1.7);8.1548(1.8);7.6988(2.3);7.6951(2.4);7.6788(2.9);7.6748(3.6);7.6559(2.9);7.6357(3.6);7.6280(3.1);7.6136(1.0);7.4537(0.9);7.4429(0.9);7.4343(1.8);7.4235(1.7);7.4147(1.2);7.4039(1.0);7.3536(3.2);7.3346(3.1);7.3083(0.9);7.3051(0.8);7.1757(1.0);7.1569(2.0);7.1382(1.2);6.9241(1.2);6.9056(2.1);6.8868(1.0);6.7922(2.8);6.7720(2.5);5.7549(1.2);5.2457(0.5);5.2315(1.2);5.2132(1.2);5.1980(0.5);4.2829(0.5);4.2761(0.4);4.2640(1.2);4.2546(1.2);4.2470(1.8);4.2373(1.9);4.2238(1.1);4.2164(1.3);4.1962(0.4);4.1885(0.4);3.9291(0.3);3.9131(0.8);3.8976(1.1);3.8822(0.8);3.8664(0.4);3.5675(0.5);3.3231(30.0);2.9033(16.0);2.5054(39.1);2.5010(51.0);2.4966(38.0);2.2017(0.4);2.1928(0.5);2.1801(0.8);2.1703(0.8);2.1590(0.8);2.1480(0.6);2.1392(0.4);2.0400(0.6);2.0328(0.8);2.0253(0.9);2.0145(0.7);2.0089(0.7);1.9987(0.6);1.9884(0.8);1.3068(3.5);1.2921(5.6);1.2777(3.4);1.2512(3.4);1.2373(5.5);1.2230(3.7)
527	3.63		527: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1286(1.0);9.1083(1.1);8.6686(4.7);8.4516(3.2);8.2373(1.1);8.2341(1.1);8.2161(1.3);8.2128(1.2);7.8200(1.1);7.8167(1.2);7.8022(1.5);7.7989(1.4);7.7348(2.1);7.7297(2.4);7.6837(1.2);7.6655(1.2);7.6626(1.3);7.6443(2.1);7.6384(11.9);7.6320(2.0);7.3779(1.0);7.3605(1.1);7.1943(0.5);7.1905(0.5);7.1728(1.0);7.1559(0.7);7.1521(0.6);6.9502(0.7);6.9476(0.8);6.9293(1.3);6.9130(0.6);6.9103(0.6);6.8094(1.4);6.8075(1.4);6.7889(1.4);5.2566(0.7);5.2372(0.7);4.2852(0.6);4.2699(1.2);4.2609(1.1);4.2491(0.6);4.2412(0.7);3.3594(0.7);3.3415(2.2);3.3200(56.0);3.0101(9.2);2.6752(0.5);2.6706(0.7);2.6662(0.5);2.5237(2.3);2.5103(47.2);2.5060(93.7);2.5015(122.2);2.4970(89.4);2.4929(45.2);2.3326(0.6);2.3283(0.7);2.3238(0.6);2.2063(0.4);2.1961(0.4);2.1845(0.5);2.1724(0.3);2.0710(0.4);2.0632(0.5);2.0484(0.4);2.0365(0.3);1.3978(16.0);1.2311(2.6);1.2134(5.1);1.1956(2.2);-0.0002(0.5)
534	4,51		534: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 10.4184(1.5);9.1346(1.4);9.1144(1.4);8.6595(5.5);8.1798(1.4);8.1587(1.5);7.8117(1.4);7.7965(1.8);7.7941(1.7);7.7032(0.5);7.6815(1.4);7.6605(1.7);7.6458(10.6);7.3875(1.3);7.3689(1.4);7.1966(0.6);7.1784(1.4);7.1608(0.9);6.9817(0.5);6.9771(0.9);6.9724(0.5);6.9544(1.0);6.9360(1.6);6.9173(0.8);6.8121(1.9);6.8008(2.0);6.7960(2.5);5.2728(0.4);5.2584(0.8);5.2391(0.9);5.2247(0.4);4.2869(0.8);4.2708(1.1);4.2589(1.1);4.2454(0.7);4.2376(0.9);3.8866(0.7);3.8705(1.0);3.8538(0.7);3.3288(47.9);2.9128(10.7);2.6782(0.6);2.5136(82.9);2.5093(107.6);2.5050(80.2);2.3403(0.5);2.3361(0.6);2.3319(0.5);2.2178(0.4);2.2040(0.5);2.1942(0.6);2.1821(0.6);2.1704(0.5);2.0675(0.5);2.0600(0.6);2.0439(0.5);2.0335(0.4);2.0261(0.4);1.4053(16.0);1.2887(5.0);1.2725(5.0);1.2420(5.3);1.2258(5.0)

535	4.46		535: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.8722(0.8);8.8516(0.8);8.7041(2.9);8.2580(1.2);8.2352(1.4);7.8664(1.4);7.8435(1.3);7.6619(3.4);7.4145(0.7);7.3959(0.8);7.1707(0.4);7.1537(0.7);7.1329(0.4);6.9285(0.5);6.9101(0.9);6.8908(0.4);6.7836(1.0);6.7635(0.9);5.2026(0.5);5.1839(0.5);4.2665(0.4);4.2583(0.4);4.2499(0.6);4.2428(0.6);4.2229(0.4);4.2156(0.5);3.4842(7.0);3.3198(29.6);3.2787(6.2);2.6708(0.3);2.5055(44.2);2.5014(56.4);2.4974(43.0);2.3286(0.3);2.0317(0.4);1.9886(0.5);1.3980(16.0);-0.0003(15.4)
540	3.72		540: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1842(4.4);9.1640(4.4);8.6741(16.0);8.4617(0.4);8.3556(3.0);8.3401(3.2);8.3321(3.3);8.3164(3.3);7.6826(3.4);7.6594(6.4);7.6362(3.2);7.4662(4.8);7.4486(5.5);7.4447(5.5);7.4269(4.5);7.3795(4.1);7.3605(4.4);7.1914(2.0);7.1887(2.0);7.1711(4.2);7.1530(2.6);7.1500(2.5);6.9408(3.0);6.9222(5.1);6.9035(2.4);6.8037(5.7);6.7840(5.1);5.2738(1.2);5.2596(2.6);5.2405(2.6);5.2262(1.1);4.3027(1.0);4.2958(0.9);4.2846(2.4);4.2751(2.3);4.2681(2.8);4.2591(3.5);4.2517(2.7);4.2384(2.1);4.2312(2.7);4.2103(1.0);4.2029(0.8);4.0555(0.7);4.0377(1.9);4.0199(1.9);4.0021(0.7);3.9008(1.0);3.8822(8.3);3.8717(14.3);3.8610(8.7);3.3197(180.6);3.2906(5.5);3.2801(11.1);3.2687(10.7);3.2580(4.7);3.2387(1.4);2.6745(1.6);2.6702(2.1);2.5055(277.9);2.5013(357.7);2.4970(267.8);2.3321(1.6);2.3279(2.2);2.2553(0.6);2.2451(0.9);2.2347(1.2);2.2216(1.7);2.2121(1.8);2.1999(1.8);2.1877(1.3);2.1789(0.8);2.0746(1.6);2.0676(1.9);2.0556(1.4);2.0399(1.3);2.0329(1.2);1.9883(8.1);1.3978(1.0);1.2592(0.3);1.2341(0.8);1.1926(2.1);1.1748(4.1);1.1569(2.1);-0.0002(42.6)
541	1.78		541: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9748(0.6);8.9542(0.6);8.4871(0.4);8.4708(2.2);8.4638(0.5);8.4484(0.4);8.3359(2.1);7.9088(0.3);7.8960(0.4);7.7294(0.7);7.7258(0.8);7.7093(0.9);7.7057(0.9);7.5431(0.5);7.5208(0.8);7.4979(0.5);7.4693(0.5);7.4610(0.4);7.4497(1.0);7.4300(0.6);7.3462(0.3);7.3415(0.5);7.3365(0.4);7.3272(1.1);7.3228(0.7);7.3076(0.8);7.3033(1.1);7.2820(0.7);7.1749(0.3);7.1716(0.3);7.1539(0.7);7.1363(0.4);7.1330(0.4);6.9111(0.5);6.8923(0.8);6.8739(0.4);6.7934(0.9);6.7732(0.8);5.2315(0.4);5.2128(0.4);4.2613(0.7);4.2476(1.2);4.2347(0.7);3.3288(21.4);3.0736(2.0);3.0669(1.4);3.0611(2.2);2.5180(17.5);2.5140(34.2);2.5095(44.3);2.5051(32.0);2.1427(0.3);2.0180(0.3);1.9968(0.9);1.4060(16.0);1.2437(0.4);1.1831(0.4)
542	1.66		542: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9915(1.7);8.9705(1.8);8.5165(1.4);8.5013(1.5);8.4929(1.5);8.4778(1.3);8.3922(7.2);7.9585(0.8);7.9451(1.0);7.9379(1.0);7.9251(0.8);7.6623(0.4);7.6538(0.5);7.6394(0.9);7.6341(0.9);7.6261(0.9);7.6139(0.9);7.5986(0.5);7.5902(0.4);7.5685(1.5);7.5457(2.8);7.5228(1.5);7.3069(1.8);7.2877(2.0);7.2267(0.6);7.2113(0.8);7.2049(1.0);7.1995(1.0);7.1755(1.5);7.1717(1.5);7.1544(2.2);7.1367(1.4);7.1332(1.2);6.9136(1.5);6.8949(2.6);6.8763(1.2);6.7934(3.0);6.7729(2.8);5.7556(16.0);5.2463(0.6);5.2312(1.4);5.2118(1.4);5.1972(0.6);4.2576(2.0);4.2458(3.6);4.2342(2.0);4.0382(0.6);4.0204(0.6);3.3231(35.1);3.0726(4.9);3.0657(6.0);3.0603(5.8);3.0534(4.9);2.6753(0.3);2.6706(0.4);2.5103(28.6);2.5062(55.4);2.5017(70.8);2.4972(50.6);2.3286(0.4);2.1779(0.8);2.1644(0.8);2.1576(0.7);2.1428(1.0);2.1289(1.0);2.1160(0.4);2.0254(0.8);2.0189(0.8);2.0043(0.7);1.9887(3.0);1.3974(0.6);1.3525(0.5);1.2988(0.3);1.2590(0.5);1.2344(1.2);1.1928(0.7);1.1750(1.4);1.1572(0.7);0.0079(1.9);-0.0002(47.9);-0.0085(1.8)
543	4.25		543: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1849(4.4);9.1647(4.3);8.7031(1.0);8.6905(16.0);8.6712(0.7);8.3740(3.5);8.3584(3.8);8.3503(3.9);8.3348(3.6);8.3149(0.5);7.6836(3.9);7.6607(7.1);7.6380(3.7);7.6243(0.4);7.3846(4.1);7.3651(4.7);7.2348(0.5);7.2223(4.0);7.1898(5.8);7.1718(5.0);7.1540(3.1);7.1505(2.8);6.9435(3.5);6.9267(5.9);6.9083(2.7);6.8046(6.4);6.7845(5.9);6.7131(0.4);5.7551(0.4);5.2587(2.7);5.2416(2.7);5.2278(1.2);4.3052(1.2);4.2978(1.1);4.2860(2.8);4.2761(2.8);4.2697(3.2);4.2611(3.9);4.2528(2.9);4.2390(2.5);4.2324(3.0);4.2105(1.1);4.2039(0.9);4.0559(0.6);4.0377(1.8);4.0200(1.8);4.0019(0.6);3.8664(15.1);3.3202(106.3);3.2860(10.0);3.2751(9.5);2.6740(1.4);2.6705(1.8);2.6660(1.4);2.5055(243.9);2.5012(311.2);2.4968(223.6);2.3279(1.8);2.3233(1.3);2.2376(1.3);2.2238(1.9);2.2145(2.0);2.2028(2.0);2.1943(1.4);2.1895(1.5);2.0685(1.8);2.0522(1.6);1.9883(7.3);1.3976(5.4);1.3510(0.4);1.2985(0.4);1.2588(0.4);1.2354(1.3);1.1925(1.9);1.1747(3.9);1.1568(1.8);0.1464(0.7);0.0222(0.4);0.0079(6.3);-0.0002(153.6);-0.0085(5.8);-0.1493(0.7)

544	2.80		544: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1606(3.0);9.1401(3.1);8.6477(12.1);8.2912(2.2);8.2755(2.4);8.2676(2.5);8.2521(2.3);7.6215(2.5);7.5986(4.5);7.5757(2.5);7.3791(2.8);7.3620(3.0);7.1920(1.4);7.1885(1.4);7.1709(2.9);7.1534(1.8);7.1497(1.7);6.9443(2.1);6.9421(2.1);6.9256(3.6);6.9236(3.5);6.9073(1.7);6.9047(1.7);6.8055(4.1);6.7851(3.8);6.6355(2.1);5.7553(12.7);5.2771(0.8);5.2633(1.8);5.2443(1.8);5.2300(0.8);4.3146(0.5);4.3063(0.7);4.2990(0.6);4.2870(1.6);4.2781(1.6);4.2711(2.0);4.2624(2.4);4.2554(1.9);4.2420(1.5);4.2344(1.9);4.2136(0.7);4.2060(0.5);3.8626(9.5);3.8532(5.6);3.8342(0.7);3.8221(0.4);3.3200(38.5);3.2903(3.2);3.2796(6.3);3.2671(6.0);3.2350(1.0);2.6787(0.3);2.6702(0.8);2.5231(2.6);2.5097(54.0);2.5055(106.3);2.5010(136.5);2.4965(96.8);2.4922(46.2);2.4203(16.0);2.3242(1.1);2.2576(0.5);2.2436(0.7);2.2357(0.9);2.2233(1.1);2.2137(1.2);2.2007(1.2);2.1894(0.9);2.1807(0.6);2.0829(7.5);2.0400(1.0);2.0318(0.8);2.0158(0.4);1.9882(0.8);1.5432(0.7);1.3973(1.0);1.3513(0.4);1.2587(0.5);1.2336(0.9);1.1746(0.4);0.1459(0.4);0.0079(3.7);-0.0002(97.6);-0.0085(3.4);-0.1493(0.4)
545	1.90		545: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0012(2.2);8.9809(2.3);8.5133(1.7);8.4986(1.6);8.4897(1.6);8.4749(1.4);8.4325(7.9);8.2292(0.6);8.0071(1.3);7.9948(1.2);7.6863(14.1);7.5760(1.7);7.5526(3.2);7.5293(1.7);7.3076(2.2);7.2888(2.2);7.1799(1.0);7.1765(1.2);7.1589(2.2);7.1414(1.4);7.1380(1.3);6.9211(1.7);6.9184(1.6);6.9022(2.7);6.8999(2.7);6.8839(1.3);6.8811(1.3);6.8673(3.0);6.8082(0.3);6.7983(3.0);6.7961(3.0);6.7779(2.8);6.7756(2.6);5.7552(16.0);5.2468(0.7);5.2319(1.5);5.2124(1.4);5.1971(0.6);4.2623(2.5);4.2494(4.1);4.2359(2.4);4.0381(0.9);4.0202(1.0);3.3223(44.4);3.0701(8.6);3.0576(8.5);3.0357(0.8);2.6753(0.4);2.6709(0.6);2.6665(0.4);2.5106(38.2);2.5063(75.6);2.5018(97.9);2.4973(70.3);2.4929(33.9);2.3332(0.4);2.3285(0.6);2.3240(0.4);2.1939(0.3);2.1795(0.8);2.1646(0.8);2.1595(0.7);2.1436(1.1);2.1303(1.0);2.1160(0.4);2.0570(0.5);2.0446(1.0);2.0307(1.2);2.0172(0.7);2.0089(0.8);1.9887(4.5);1.2590(0.4);1.2335(0.7);1.1928(1.2);1.1750(2.3);1.1573(1.2);-0.0002(3.4)
546	3.68		546: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1871(4.2);9.1669(4.3);8.6805(16.0);8.3627(2.8);8.3473(3.0);8.3393(3.2);8.3236(2.9);7.6904(3.2);7.6672(6.0);7.6441(3.1);7.5394(2.8);7.4347(8.4);7.4122(8.4);7.3793(3.9);7.3591(9.8);7.1913(2.0);7.1880(2.1);7.1785(3.6);7.1709(4.1);7.1531(2.5);7.1496(2.3);6.9405(2.8);6.9219(4.7);6.9054(2.3);6.9030(2.3);6.8038(5.3);6.7850(4.9);5.7551(10.2);5.2756(1.1);5.2613(2.4);5.2412(2.4);5.2271(1.1);4.3122(0.6);4.3044(1.0);4.2852(2.2);4.2768(2.1);4.2686(2.6);4.2604(3.2);4.2535(2.5);4.2393(2.0);4.2322(2.6);4.2123(1.0);3.8842(7.5);3.8735(13.0);3.8634(7.8);3.3201(103.8);3.2938(4.9);3.2835(10.0);3.2721(9.7);3.2610(4.3);3.2399(1.3);2.6748(1.0);2.6701(1.4);2.6655(1.0);2.5055(190.0);2.5011(244.6);2.4967(177.2);2.4494(0.6);2.3276(1.4);2.3242(1.1);2.2561(0.6);2.2356(1.1);2.2230(1.5);2.2142(1.6);2.2015(1.6);2.1897(1.2);2.1810(0.7);2.0889(0.9);2.0734(1.5);2.0661(1.7);2.0509(1.3);2.0397(1.2);2.0325(1.2);1.9882(0.6);1.2982(0.4);1.2589(0.5);1.2354(1.3);0.1459(0.4);0.0078(3.5);-0.0002(86.5);-0.0082(3.6);-0.1499(0.4)
547	1.81		547: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9803(2.7);8.9596(2.7);8.4533(1.8);8.4383(2.0);8.4292(2.0);8.4129(11.0);7.9213(1.6);7.9079(1.6);7.5407(2.0);7.5240(2.5);7.5175(4.0);7.4943(2.0);7.3844(5.7);7.3618(5.8);7.3439(4.5);7.3054(2.7);7.2871(2.9);7.1782(1.3);7.1748(1.4);7.1612(3.1);7.1396(1.7);7.1361(1.6);6.9171(2.0);6.8987(3.4);6.8820(1.6);6.8798(1.6);6.7965(3.8);6.7760(3.5);5.7553(11.4);5.2518(0.8);5.2370(1.7);5.2169(1.7);5.2030(0.8);4.2627(2.9);4.2496(5.0);4.2364(2.9);4.0557(1.2);4.0379(3.6);4.0201(3.7);4.0023(1.2);3.3210(22.0);3.0647(10.6);3.0522(10.4);2.6745(0.4);2.6702(0.5);2.6655(0.4);2.5056(68.9);2.5012(88.8);2.4968(63.5);2.3277(0.6);2.1932(0.4);2.1801(0.9);2.1656(0.9);2.1595(0.8);2.1448(1.4);2.1311(1.3);2.1176(0.5);2.0530(0.5);2.0414(1.2);2.0266(1.4);2.0130(0.8);2.0054(1.0);1.9884(16.0);1.3975(2.5);1.1926(4.0);1.1748(8.0);1.1570(3.9);0.0078(1.4);-0.0002(35.4);-0.0085(1.2)

548	3.33		548: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1827(2.9);9.1746(2.9);9.1624(3.2);9.1541(2.8);8.6506(10.0);8.6441(9.3);8.3965(3.4);8.3810(3.7);8.3731(3.8);8.3574(3.6);8.3157(0.3);7.7100(3.6);7.6872(6.5);7.6643(3.3);7.5745(1.2);7.5534(2.7);7.5321(2.9);7.5111(1.3);7.3747(4.9);7.3560(6.6);7.3355(3.1);7.3257(2.3);7.3156(1.9);7.3046(1.1);7.2896(1.7);7.2743(2.2);7.2492(2.1);7.2300(1.0);7.1862(2.3);7.1655(4.9);7.1478(3.0);6.9332(3.2);6.9148(5.4);6.8959(2.6);6.8004(6.6);6.7799(6.0);5.7555(3.2);5.2752(0.8);5.2508(2.6);5.2420(2.6);4.3002(1.2);4.2936(1.0);4.2819(2.8);4.2723(2.7);4.2654(3.1);4.2555(3.7);4.2280(2.8);4.2046(1.0);3.8768(16.0);3.3206(24.3);3.2960(10.6);3.2914(10.6);3.2511(1.4);2.6702(1.3);2.5058(182.0);2.5015(222.3);2.4972(161.2);2.3286(1.3);2.2435(1.1);2.2317(1.3);2.2215(1.8);2.2084(1.8);2.1980(1.8);2.0647(2.1);2.0577(1.9);2.0466(1.7);2.0297(1.5);1.9886(0.8);1.3976(0.6);1.2331(0.4);1.1748(0.4);0.1462(0.3);-0.0002(64.9)
549	3.59		549: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1861(3.0);9.1775(3.0);9.1663(3.2);9.1573(2.8);8.6558(10.4);8.6485(9.7);8.4036(3.6);8.3879(4.0);8.3801(4.1);8.3645(3.7);7.7158(3.7);7.6930(6.8);7.6701(3.6);7.4984(0.6);7.4765(1.7);7.4585(2.0);7.4508(1.9);7.4253(0.8);7.3779(5.5);7.3587(6.9);7.3388(2.2);7.3334(2.2);7.3157(1.4);7.2930(0.5);7.1848(2.4);7.1676(5.0);7.1497(3.0);6.9361(3.1);6.9174(5.4);6.8989(2.5);6.8016(6.9);6.7814(6.3);5.7559(2.5);5.2740(0.8);5.2602(2.1);5.2512(2.6);5.2405(2.6);5.2313(2.0);4.3086(0.8);4.3013(1.2);4.2948(1.0);4.2818(2.8);4.2730(2.7);4.2658(3.2);4.2565(3.6);4.2288(2.8);4.2034(1.0);3.8760(16.0);3.3215(55.4);3.2905(11.0);3.2507(1.4);2.6706(0.9);2.5058(119.4);2.5015(151.2);2.4972(110.3);2.3287(0.9);2.3246(0.7);2.2345(1.2);2.2183(1.8);2.2090(1.8);2.2017(1.8);2.0818(1.2);2.0746(1.7);2.0663(2.0);2.0592(1.9);2.0404(1.5);2.0321(1.5);2.0254(1.2);1.2343(0.6);-0.0002(41.6)
550	3.94		550: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.2014(2.6);9.1811(2.6);8.7076(8.9);8.4095(1.7);8.3941(1.9);8.3860(1.9);8.3705(1.8);7.7354(16.0);7.7206(2.0);7.6972(3.6);7.6740(1.8);7.3844(2.5);7.3654(2.7);7.1898(1.2);7.1721(2.6);7.1543(1.6);6.9445(1.7);6.9254(3.0);6.9075(1.5);6.8061(3.4);6.7859(3.1);5.7556(5.5);5.2691(0.7);5.2558(1.6);5.2362(1.6);5.2219(0.7);4.3031(0.6);4.2966(0.6);4.2847(1.4);4.2684(1.7);4.2592(2.1);4.2512(1.6);4.2303(1.6);4.2087(0.6);4.2024(0.5);3.8768(8.7);3.3202(36.4);3.2865(6.7);3.2752(6.4);3.2441(0.8);2.6703(0.7);2.5053(96.3);2.5013(118.5);2.4974(89.0);2.3275(0.6);2.2343(0.7);2.2204(1.0);2.2115(1.1);2.1996(1.1);2.1886(0.8);2.0703(1.2);2.0576(0.9);2.0431(0.8);2.0347(0.7);1.3974(0.4);1.2345(0.4);-0.0002(27.3)
553	4.18		553: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1942(4.5);9.1740(4.6);8.6557(16.0);8.3213(6.5);8.2983(7.3);8.2397(0.6);7.8522(0.4);7.8288(0.5);7.8164(7.8);7.7936(7.3);7.6328(14.6);7.5168(0.4);7.3705(4.3);7.3519(4.8);7.1870(2.2);7.1668(4.5);7.1485(2.8);6.9330(3.1);6.9143(5.5);6.8959(2.6);6.8001(6.2);6.7796(5.6);5.2596(1.3);5.2452(2.9);5.2264(2.8);5.2114(1.2);4.2957(1.1);4.2877(1.0);4.2761(2.5);4.2673(2.4);4.2605(2.8);4.2489(3.1);4.2407(2.7);4.2265(2.3);4.2194(2.9);4.1983(1.1);4.0552(0.9);4.0376(2.5);4.0198(2.5);4.0023(0.8);3.8740(14.9);3.3214(154.1);3.2935(5.8);3.2822(11.0);3.2705(10.5);3.2585(4.9);3.2385(1.7);3.2278(1.0);2.6701(1.4);2.5048(207.4);2.5012(254.2);2.3283(1.5);2.2354(1.0);2.2257(1.3);2.2134(1.8);2.2038(1.8);2.1918(1.9);2.1798(1.4);2.0681(1.3);2.0602(1.8);2.0537(2.0);2.0381(1.6);2.0268(1.4);2.0194(1.3);1.9883(10.2);1.3975(3.1);1.1926(2.6);1.1748(5.2);1.1569(2.6);-0.0002(37.7)

556	3.76		556: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1775(4.0);9.1574(4.0);8.6286(16.0);8.2793(6.4);8.2565(7.2);7.7842(7.7);7.7614(7.2);7.3674(3.9);7.3493(4.2);7.3373(1.2);7.3314(1.8);7.3260(1.1);7.3134(2.1);7.3077(3.5);7.3022(2.0);7.2894(1.2);7.2839(1.8);7.2783(1.0);7.1848(1.9);7.1813(1.9);7.1639(4.0);7.1462(2.5);7.1426(2.4);7.0495(3.6);7.0319(3.7);6.9289(2.8);6.9112(4.9);6.8933(2.3);6.7977(5.5);6.7777(5.0);5.2649(1.1);5.2506(2.5);5.2315(2.4);5.2174(1.1);4.3044(0.7);4.2959(0.9);4.2888(0.8);4.2769(2.2);4.2680(2.1);4.2605(2.5);4.2509(3.0);4.2426(2.4);4.2290(2.0);4.2219(2.6);4.2011(0.9);4.1935(0.7);4.0555(0.5);4.0377(1.3);4.0200(1.3);4.0024(0.4);3.9436(0.5);3.9000(1.0);3.8818(7.6);3.8708(13.2);3.8600(7.7);3.8413(0.9);3.3245(50.8);3.2916(4.7);3.2805(9.6);3.2687(9.2);3.2568(4.1);3.2378(1.4);3.2256(0.8);2.6700(0.7);2.5055(102.0);2.5013(130.9);2.4971(94.4);2.3278(0.7);2.3235(0.6);2.2484(0.5);2.2360(0.8);2.2276(1.1);2.2147(1.6);2.2056(1.6);2.1931(1.6);2.1805(1.1);2.1718(0.7);2.0755(0.8);2.0686(1.1);2.0602(1.5);2.0533(1.7);2.0417(1.3);2.0374(1.3);2.0257(1.2);2.0184(1.1);2.0112(0.7);2.0030(0.5);1.9883(5.2);1.3974(2.9);1.1927(1.3);1.1749(2.7);1.1570(1.3);0.0076(2.5);-0.0002(60.6);-0.0083(2.4)
557	4.23		557: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1770(4.0);9.1568(4.0);8.6318(16.0);8.2815(6.3);8.2586(7.2);7.7872(7.7);7.7643(7.2);7.5227(2.3);7.5178(3.8);7.5126(2.4);7.5006(2.4);7.4956(3.8);7.4903(2.2);7.3684(3.9);7.3501(4.2);7.2192(3.2);7.1851(3.5);7.1820(3.5);7.1648(4.7);7.1470(2.6);6.9298(2.8);6.9121(4.8);6.8925(2.2);6.7984(5.5);6.7782(5.0);5.2636(1.1);5.2493(2.5);5.2297(2.4);5.2151(1.1);4.3038(0.7);4.2952(0.9);4.2888(0.8);4.2770(2.2);4.2672(2.1);4.2608(2.5);4.2508(3.0);4.2422(2.3);4.2287(1.9);4.2214(2.5);4.2007(0.9);4.1935(0.7);4.0556(0.6);4.0380(1.7);4.0202(1.7);4.0025(0.6);3.8712(12.8);3.8615(7.6);3.8422(1.0);3.3270(205.6);3.2914(4.9);3.2806(9.1);3.2689(8.6);3.2572(4.0);3.2371(1.4);3.2266(0.9);2.6709(1.1);2.5062(163.1);2.5020(209.0);2.4978(151.9);2.3325(0.9);2.3283(1.2);2.2365(0.8);2.2271(1.2);2.2144(1.6);2.2047(1.6);2.1929(1.6);2.1816(1.1);2.0760(0.8);2.0596(1.5);2.0530(1.7);2.0413(1.3);2.0256(1.2);2.0181(1.1);1.9885(7.1);1.3976(3.1);1.1928(1.8);1.1750(3.6);1.1571(1.8);-0.0001(4.8)
558	4.13		558: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1706(2.1);9.1527(2.1);8.6027(16.0);8.3154(0.4);8.2902(6.2);8.2673(7.0);7.8025(8.8);7.7881(4.9);7.7796(7.8);7.7481(1.9);7.7286(3.3);7.7088(1.6);7.6194(3.7);7.3615(3.8);7.3434(4.1);7.1811(1.8);7.1774(1.8);7.1595(3.9);7.1424(2.4);6.9232(2.7);6.9052(4.6);6.8870(2.1);6.7953(5.5);6.7750(4.9);5.7551(2.1);5.2581(1.1);5.2446(2.4);5.2255(2.4);5.2107(1.0);4.2995(0.7);4.2915(0.9);4.2856(0.9);4.2727(2.2);4.2642(2.1);4.2566(2.4);4.2466(2.5);4.2376(2.0);4.2163(2.1);4.1951(0.8);4.0377(0.4);4.0201(0.4);3.8775(11.0);3.3239(263.3);3.2894(6.2);2.6705(1.7);2.5236(4.5);2.5060(239.6);2.5017(306.1);2.4975(218.6);2.3284(1.8);2.2452(0.5);2.2233(1.1);2.2104(1.6);2.2010(1.6);2.1894(1.6);2.1774(1.2);2.0573(1.4);2.0498(1.6);2.0372(1.3);2.0225(1.1);1.9886(1.7);1.3974(1.0);1.1924(0.4);1.1748(0.9);1.1577(0.4);0.1461(0.6);0.0077(5.0);-0.0002(134.8);-0.0084(5.2);-0.1496(0.6)
564			564: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1810(3.4);9.1696(3.5);9.1614(3.8);9.1496(3.2);8.6214(12.6);8.6138(11.8);8.3155(9.4);8.2926(10.6);7.8206(10.0);7.7978(9.3);7.7086(2.5);7.6910(5.4);7.6854(4.8);7.6715(3.4);7.6673(2.9);7.3843(1.6);7.3653(9.7);7.3517(10.5);7.3473(13.2);7.3334(5.8);7.3249(2.6);7.3201(3.2);7.3053(2.8);7.2898(1.2);7.1810(2.8);7.1612(6.0);7.1427(3.7);6.9258(3.4);6.9073(5.7);6.8889(2.7);6.7951(8.5);6.7751(7.6);5.2617(1.1);5.2413(3.1);5.2284(3.2);4.3001(1.0);4.2943(1.4);4.2870(1.2);4.2748(3.3);4.2656(3.1);4.2585(3.6);4.2497(3.8);4.2408(3.2);4.2317(2.4);4.2203(3.4);4.2129(2.7);4.1923(1.3);3.8727(16.0);3.3218(136.5);3.3010(10.8);3.2915(10.8);3.2796(9.0);3.2589(3.1);3.2398(1.7);2.6700(2.2);2.5051(310.4);2.5010(398.1);2.4968(287.4);2.4242(0.4);2.3275(2.3);2.2091(2.0);2.2014(2.2);2.1944(2.1);2.1809(1.7);2.0525(2.2);2.0436(2.2);2.0258(1.9);2.0176(1.6);1.2348(0.8);-0.0003(13.2)

565	4.03		565: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1794(1.1);9.1588(1.1);8.7822(0.5);8.6253(3.8);8.6202(3.9);8.3083(2.6);8.2853(2.9);7.8100(3.2);7.7871(3.1);7.5936(0.8);7.5864(0.9);7.5823(0.9);7.5752(0.9);7.5711(1.0);7.5643(1.2);7.5604(1.0);7.5534(0.9);7.4579(0.8);7.4511(0.8);7.4423(0.8);7.4357(0.8);7.4271(1.0);7.4220(1.0);7.4150(1.0);7.4053(2.2);7.4002(1.1);7.3875(1.7);7.3829(0.9);7.3655(2.0);7.3489(1.5);7.1836(0.8);7.1634(1.6);7.1453(1.0);6.9293(1.1);6.9265(1.2);6.9101(1.8);6.8921(0.9);6.8893(0.9);6.7963(2.2);6.7760(1.8);5.2433(0.8);5.2305(0.7);4.2945(0.4);4.2750(0.9);4.2602(0.9);4.2468(0.9);4.2383(0.9);4.2248(0.8);4.2184(1.0);4.1975(0.4);3.8814(3.0);3.8723(5.0);3.8602(3.1);3.8410(0.5);3.3215(139.8);3.2898(3.6);3.2785(3.4);2.6746(1.3);2.6702(1.7);2.6655(1.2);2.5235(4.2);2.5187(6.8);2.5100(110.3);2.5057(227.6);2.5012(299.7);2.4966(210.2);2.4922(97.2);2.3368(0.6);2.3323(1.2);2.3278(1.7);2.3233(1.2);2.2084(0.6);2.1892(0.6);2.0604(0.5);2.0532(0.7);2.0449(0.6);2.0371(0.5);2.0276(0.4);2.0192(0.5);1.5301(3.1);1.4948(3.2);1.4885(1.2);1.4529(0.9);1.3976(16.0);1.2344(0.4);-0.0002(8.6)
566	1.71		566: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9879(3.8);8.9680(3.8);8.4481(5.6);8.4300(12.0);8.4220(8.5);7.9521(0.3);7.9237(2.0);7.8814(15.0);7.8752(16.0);7.8612(2.1);7.6249(5.2);7.6083(8.1);7.5614(6.4);7.5405(6.8);7.5226(4.2);7.4339(4.4);7.4279(4.8);7.4173(4.7);7.4114(4.0);7.3027(4.2);7.2830(4.5);7.1708(2.8);7.1673(2.8);7.1501(5.7);7.1322(3.5);7.1285(3.3);6.9055(4.0);6.9032(4.2);6.8847(7.0);6.8684(3.2);6.8659(3.2);6.7898(7.8);6.7694(7.1);5.7569(11.9);5.2623(1.4);5.2467(3.2);5.2284(3.1);5.2128(1.3);4.9059(4.0);4.8931(8.8);4.8804(4.0);4.2857(0.9);4.2659(3.8);4.2579(5.8);4.2484(6.9);4.2336(4.0);4.2151(1.0);4.0556(0.4);4.0378(1.2);4.0198(1.1);4.0021(0.4);3.6850(2.4);3.6707(7.8);3.6573(10.0);3.6444(4.9);3.5952(5.7);3.5840(6.8);3.5721(4.3);3.3213(90.6);2.6744(1.3);2.6702(1.8);2.6657(1.3);2.5234(4.8);2.5098(122.4);2.5055(249.9);2.5011(329.4);2.4966(234.1);2.4923(111.1);2.3323(1.3);2.3278(1.9);2.3234(1.4);2.1873(0.7);2.1740(1.2);2.1642(1.4);2.1534(1.8);2.1403(2.5);2.1243(2.1);2.1117(1.0);2.0664(1.0);2.0521(2.3);2.0411(2.4);2.0253(1.7);2.0167(1.6);2.0074(1.3);1.9886(5.2);1.2582(0.4);1.2344(1.0);1.1922(1.2);1.1743(2.6);1.1567(1.2);0.1459(0.7);0.0079(5.6);-0.0002(166.0);-0.0084(5.9);-0.1494(0.7)
567	1.42		567: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0073(3.6);8.9868(3.7);8.4799(13.7);8.4638(3.9);8.4434(4.0);7.9315(1.6);7.9195(3.1);7.9073(1.7);7.7132(4.1);7.6963(5.2);7.5965(0.8);7.5887(1.0);7.5790(4.5);7.5685(2.0);7.5606(5.4);7.5581(5.4);7.5477(1.9);7.5399(3.8);7.5256(0.8);7.3116(3.6);7.2930(4.0);7.1762(3.3);7.1726(3.6);7.1555(5.2);7.1378(2.3);7.1341(2.2);6.9102(2.7);6.8919(4.6);6.8733(2.2);6.7949(5.1);6.7747(4.7);5.7571(3.2);5.2731(1.0);5.2573(2.3);5.2384(2.3);5.2240(1.0);4.9044(2.7);4.8916(6.1);4.8787(2.9);4.3020(0.4);4.2928(0.6);4.2733(2.5);4.2651(3.9);4.2551(4.4);4.2492(4.0);4.2396(2.5);4.2218(0.6);3.6817(1.5);3.6675(5.2);3.6542(6.9);3.6416(3.4);3.6086(3.1);3.5963(6.2);3.5830(4.7);3.5689(1.4);3.3218(25.0);2.6745(0.7);2.6703(1.0);2.6662(0.8);2.5233(2.6);2.5055(133.6);2.5012(174.2);2.4970(126.3);2.3276(1.0);2.1948(0.4);2.1840(0.8);2.1720(0.9);2.1606(1.2);2.1486(1.7);2.1341(1.4);2.1194(0.7);2.0856(16.0);2.0641(1.7);2.0532(1.6);2.0376(1.2);2.0288(1.1);2.0193(0.9);2.0128(0.7);2.0046(0.4);1.9887(0.9);1.2351(0.7);1.1745(0.4);-0.0001(3.6)
568	1.53		568: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0342(1.9);9.0140(2.0);8.5727(6.2);8.4892(2.2);8.4672(2.2);8.4420(0.6);8.2975(0.4);8.2615(1.1);8.0721(0.9);8.0606(1.6);8.0483(1.0);7.9562(0.5);7.8662(2.1);7.8497(2.5);7.8153(16.0);7.7977(0.8);7.5936(1.8);7.5727(2.1);7.5543(1.6);7.3204(1.8);7.3024(2.2);7.1821(0.9);7.1645(2.0);7.1470(1.4);7.1436(1.4);6.9222(1.3);6.9040(2.4);6.8850(1.3);6.8045(2.6);6.7848(2.5);5.7572(7.2);5.7396(0.3);5.2804(0.6);5.2654(1.3);5.2464(1.4);5.2318(0.7);4.9134(1.6);4.9007(3.2);4.8881(1.6);4.3032(0.4);4.2833(1.4);4.2743(2.1);4.2633(2.5);4.2580(2.6);4.2482(1.7);4.2305(0.6);4.0379(0.8);4.0201(0.9);4.0023(0.3);3.6661(2.9);3.6533(3.7);3.6407(2.2);3.6145(2.2);3.6024(3.4);3.5894(2.6);3.3241(7.3);3.3074(0.5);2.5060(41.9);2.5018(53.4);2.4975(40.1);2.1877(0.4);2.1793(0.5);2.1681(0.8);2.1557(1.0);2.1410(0.9);2.1258(0.6);2.0946(0.5);2.0799(0.9);2.0699(1.0);2.0542(0.8);2.0447(0.7);2.0357(0.6);2.0293(0.5);1.9890(3.5);1.2988(0.4);1.2585(0.5);1.2312(0.7);1.1925(1.0);1.1747(1.8);1.1569(1.0);-0.0002(1.2)

576	3.90		576: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 20.0029(0.9);9.1889(6.0);9.1694(6.2);8.6464(14.7);8.6381(15.0);8.3318(10.9);8.3089(11.9);7.8301(11.0);7.8072(10.0);7.6892(1.6);7.6682(2.6);7.6486(2.6);7.4026(1.1);7.3714(3.5);7.3527(4.2);7.1816(5.1);7.1646(7.5);7.1472(4.8);6.9296(4.4);6.9103(7.1);6.8923(3.8);6.7973(8.0);6.7765(7.6);5.2293(3.2);4.2951(1.7);4.2767(3.3);4.2608(3.3);4.2507(3.5);4.2420(3.3);4.2203(3.7);4.1924(1.5);3.9161(1.0);3.9087(1.1);3.8728(16.0);3.7425(1.0);3.3196(381.7);3.2976(12.2);3.2873(11.7);3.2380(1.9);2.6744(7.0);2.6702(9.7);2.6655(7.0);2.6612(3.6);2.5233(22.0);2.5099(648.2);2.5055(1360.8);2.5010(1822.1);2.4965(1299.0);2.4920(613.8);2.4282(2.0);2.3323(7.9);2.3277(10.7);2.3234(7.8);2.2851(1.0);2.2044(2.7);2.0556(2.4);2.0356(2.2);1.2408(1.1);-0.0002(68.2)
577	1.66		577: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9783(4.8);8.9578(4.8);8.5458(3.4);8.5302(3.7);8.5222(3.6);8.5068(3.4);8.4827(1.4);8.4655(0.4);8.4574(0.4);8.4398(0.4);8.4133(2.7);8.4054(16.0);8.0443(0.8);8.0308(0.5);8.0114(0.4);7.9945(1.9);7.9831(3.6);7.9722(1.9);7.7219(5.6);7.7183(5.8);7.7019(6.8);7.6982(6.6);7.5396(0.4);7.5281(3.8);7.5054(6.4);7.4834(4.5);7.4711(5.3);7.4516(9.8);7.4431(1.6);7.4319(5.6);7.4231(0.9);7.3921(0.3);7.3727(0.6);7.3473(6.3);7.3436(6.5);7.3281(5.6);7.3245(4.7);7.3118(0.8);7.2873(4.7);7.2693(5.2);7.1660(2.4);7.1634(2.4);7.1455(5.1);7.1282(3.2);7.1246(3.0);6.8960(3.8);6.8769(6.2);6.8606(2.8);6.7853(6.9);6.7650(6.3);6.6074(0.5);6.5916(0.4);5.7570(8.6);5.2502(1.6);5.2353(3.1);5.2157(3.0);5.2010(1.4);4.9112(3.8);4.8980(8.6);4.8853(3.9);4.2747(0.8);4.2402(7.3);4.2276(4.6);4.2100(0.7);4.1986(0.4);4.0553(0.7);4.0376(2.0);4.0197(1.9);4.0019(0.8);3.6838(2.3);3.6695(7.4);3.6560(9.4);3.6437(4.5);3.5967(4.6);3.5846(8.3);3.5711(6.6);3.5569(2.0);3.5289(0.4);3.4240(0.3);3.3211(225.0);2.6744(2.4);2.6700(3.2);2.6655(2.3);2.6025(0.4);2.5795(0.3);2.5234(7.9);2.5096(213.1);2.5055(434.5);2.5010(573.6);2.4966(408.4);2.4923(193.6);2.4434(0.9);2.4385(0.9);2.3322(2.3);2.3277(3.3);2.3232(2.3);2.1689(1.4);2.1475(1.8);2.1338(2.6);2.1207(2.2);2.1056(1.0);2.0549(1.1);2.0409(2.3);2.0263(2.3);2.0117(1.7);2.0043(1.6);1.9886(9.4);1.9081(0.3);1.3974(0.7);1.3508(0.3);1.2979(2.2);1.2583(3.0);1.2351(2.6);1.1922(2.3);1.1743(4.8);1.1565(2.2);0.8663(0.4);0.8537(0.6);0.8378(0.4);-0.0002(22.2)
578	1.84		578: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9985(2.2);8.9780(2.3);8.5049(8.6);8.4947(2.0);8.4861(1.8);8.4710(1.5);8.1238(1.0);8.1117(1.8);8.1003(1.0);7.6592(3.0);7.6544(5.7);7.6497(3.2);7.5218(1.8);7.4987(3.4);7.4750(10.7);7.4705(9.2);7.2997(2.3);7.2817(2.5);7.1770(1.1);7.1734(1.1);7.1561(2.4);7.1383(1.5);7.1350(1.4);6.9084(1.7);6.8916(3.0);6.8733(1.4);6.8711(1.4);6.7964(3.3);6.7761(3.0);5.7570(13.6);5.2638(0.6);5.2483(1.5);5.2298(1.5);5.2142(0.7);4.9160(1.7);4.9034(4.0);4.8907(1.9);4.2892(0.4);4.2697(1.7);4.2614(2.4);4.2520(3.0);4.2376(1.8);4.2191(0.4);4.0557(0.6);4.0379(1.9);4.0201(1.9);4.0023(0.6);3.6763(1.0);3.6615(3.2);3.6485(4.3);3.6362(2.3);3.6094(2.1);3.5974(3.8);3.5842(2.9);3.5725(0.9);3.3230(35.7);2.6747(0.4);2.6706(0.5);2.6663(0.4);2.5238(1.2);2.5059(68.9);2.5015(90.7);2.4971(65.0);2.3284(0.5);2.3240(0.4);2.1790(0.5);2.1660(0.6);2.1552(0.8);2.1422(1.1);2.1265(0.9);2.1138(0.4);2.0744(0.4);2.0596(1.1);2.0484(1.0);2.0333(0.7);2.0239(0.7);2.0148(0.6);2.0076(0.4);1.9971(0.3);1.9888(8.2);1.3971(16.0);1.2586(0.4);1.1925(2.1);1.1747(4.2);1.1568(2.0);-0.0002(3.7)

579	1.61		579: ^{1}H-NMR(400.0 MHz, d$_6$-DMSO): δ= 9.0615(0.4);9.0402(0.5);9.0006(7.4);8.9800(7.6);8.6025(1.7);8.5834(5.4);8.5682(5.9);8.5596(5.8);8.5445(5.4);8.5056(1.2);8.4832(15.4);8.4772(16.0);8.4524(0.5);8.4436(0.4);8.4293(0.3);8.1268(3.0);8.1146(2.0);8.0994(2.0);8.0864(3.4);7.6673(1.6);7.6596(2.1);7.6507(2.3);7.6445(3.2);7.6391(3.2);7.6309(3.2);7.6236(3.1);7.6180(3.2);7.6113(2.0);7.6033(1.7);7.5953(1.4);7.5580(5.5);7.5351(10.2);7.5124(5.4);7.4985(1.0);7.4754(1.7);7.3275(0.5);7.3007(7.9);7.2816(8.6);7.2356(2.1);7.2214(3.4);7.2145(3.9);7.1940(2.2);7.1750(4.5);7.1713(4.3);7.1539(8.4);7.1364(5.3);7.1328(4.8);6.9344(0.4);6.9060(6.0);6.8874(10.0);6.8689(5.0);6.8113(0.6);6.7940(12.0);6.7918(11.6);6.7736(10.7);6.7713(9.7);5.7574(15.4);5.2606(2.2);5.2456(4.9);5.2266(4.8);5.2116(2.0);4.9170(4.8);4.9062(9.9);4.9041(10.1);4.8926(5.4);4.8800(0.5);4.2823(1.2);4.2589(7.8);4.2481(10.8);4.2360(6.9);4.2174(1.2);4.2072(0.5);4.0559(0.9);4.0380(2.7);4.0203(2.8);4.0024(0.9);3.6805(3.2);3.6666(11.4);3.6537(15.0);3.6414(8.3);3.6174(4.2);3.6062(8.8);3.5961(10.2);3.5835(7.1);3.5594(1.0);3.5452(0.4);3.3229(55.3);2.6798(0.6);2.6752(1.2);2.6707(1.6);2.6660(1.2);2.5240(4.0);2.5191(6.4);2.5106(102.4);2.5061(214.3);2.5016(285.4);2.4971(201.0);2.4926(93.2);2.3326(1.1);2.3283(1.6);2.3239(1.2);2.1891(1.0);2.1779(2.0);2.1654(2.1);2.1559(2.6);2.1423(4.1);2.1277(3.3);2.1137(1.4);2.0676(1.7);2.0536(3.7);2.0411(3.4);2.0261(2.4);2.0174(2.4);2.0082(1.9);1.9890(12.6);1.3971(1.9);1.2992(2.0);1.2588(2.8);1.2348(1.5);1.1924(3.3);1.1747(6.6);1.1569(3.2);0.8537(0.4);0.0081(0.4);-0.0002(12.9);-0.0081(0.4)
589	2.43		589: ^{1}H-NMR(400.0 MHz, d$_6$-DMSO): δ= 9.3204(1.1);9.3135(1.1);9.3003(1.2);9.2927(1.0);8.5653(7.4);8.3124(1.6);8.3036(1.4);8.2966(1.7);8.2873(1.7);8.2791(0.4);7.7025(2.2);7.6989(2.4);7.6825(2.7);7.6788(2.7);7.6719(0.8);7.6538(3.4);7.6470(3.3);7.6381(6.8);7.4567(0.8);7.4467(0.8);7.4374(1.7);7.4275(1.6);7.4178(1.1);7.4076(1.0);7.3523(2.7);7.3323(3.6);7.3134(0.9);7.1863(0.9);7.1659(2.0);7.1482(1.2);6.9252(1.3);6.9067(2.2);6.8881(1.0);6.8028(2.7);6.7823(2.4);5.7568(16.0);5.2942(0.5);5.2792(1.2);5.2607(1.2);5.2464(0.6);5.1484(0.9);5.1392(1.6);5.1338(1.5);5.1246(0.8);4.2956(0.4);4.2771(1.2);4.2614(2.0);4.2522(2.0);4.2406(1.0);4.2328(1.2);4.2129(0.4);4.2075(0.3);4.0374(0.7);4.0196(0.6);3.6661(0.4);3.6505(1.0);3.6383(1.8);3.6256(1.9);3.5831(0.4);3.5455(2.6);3.3210(21.3);3.3034(0.4);3.0572(15.5);2.6701(0.6);2.6654);2.5051(83.3);2.5007(109.1);2.4964(79.4);2.3273(0.6);2.3233(0.5);2.2266(0.5);2.2137(0.8);2.2033(0.8);2.1911(0.8);2.1798(0.6);2.0667(0.8);2.0593(0.9);2.0497(0.7);2.0377(0.6);2.0327(0.6);2.0238(0.5);1.9884(2.9);1.2347(0.5);1.1919(0.8);1.1742(1.5);1.1564(0.7);-0.0002(9.7)
590	3.44		590: ^{1}H-NMR(400.0 MHz, d$_6$-DMSO): δ= 9.3230(1.9);9.3026(1.9);8.7282(0.8);8.6746(0.3);8.5838(8.2);8.3304(1.7);8.3262(1.8);8.3102(1.8);8.3060(2.0);7.9109(4.6);7.9048(4.8);7.6985(1.1);7.6845(3.0);7.6738(3.3);7.6536(2.8);7.6410(0.9);7.6360(1.4);7.4926(1.6);7.4863(1.7);7.4607(1.5);7.4549(1.4);7.3529(1.9);7.3352(2.0);7.1897(1.2);7.1866(1.2);7.1682(2.1);7.1514(1.3);7.1473(1.2);6.9385(0.3);6.9281(1.4);6.9100(2.3);6.8922(1.1);6.8203(0.4);6.8035(2.9);6.7849(2.4);5.7568(4.1);5.2936(0.6);5.2778(1.2);5.2600(1.2);5.2445(0.6);5.1331(1.4);4.3052(0.4);4.2974(0.6);4.2901(0.6);4.2777(1.3);4.2616(2.0);4.2525(2.0);4.2406(1.1);4.2325(1.2);4.2122(0.4);3.6684(0.4);3.6540(0.9);3.6401(1.6);3.6268(1.8);3.5844(0.4);3.5555(2.0);3.5444(2.6);3.5068(0.4);3.4949(0.4);3.3197(31.2);3.0560(16.0);3.0377(1.8);2.6746(0.8);2.6700(1.1);2.6654(0.8);2.5231(2.9);2.5096(69.2);2.5054(141.9);2.5009(188.1);2.4965(135.6);2.4922(65.6);2.3321(0.8);2.3276(1.1);2.3232(0.8);2.2478(0.4);2.2268(0.6);2.2135(0.9);2.2041(0.9);2.1919(0.9);2.1835(0.6);2.0762(0.6);2.0685(0.8);2.0611(1.0);2.0519(0.7);2.0343(0.7);2.0262(0.6);1.9885(0.4);1.2580(0.4);1.2349(1.4);0.0079(0.4);-0.0002(12.9)

591	3.25		591: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.3476(1.8);9.3272(1.8);8.7005(7.3);8.5245(0.4);8.3686(2.0);8.3493(2.2);8.2720(1.2);7.9656(0.5);7.9319(2.0);7.9142(2.4);7.8341(16.0);7.7034(1.8);7.6847(2.0);7.6642(1.4);7.3800(1.9);7.3618(2.0);7.2027(0.9);7.1993(0.9);7.1815(2.0);7.1641(1.2);7.1611(1.2);6.9518(1.3);6.9330(2.3);6.9146(1.2);6.8173(2.8);6.7968(2.5);5.7572(12.0);5.3147(0.5);5.3002(1.2);5.2813(1.3);5.2664(0.6);5.1438(1.1);5.1288(2.4);5.1136(1.1);4.3120(0.4);4.3050(0.4);4.2928(1.2);4.2757(1.9);4.2668(1.9);4.2535(1.1);4.2460(1.3);4.2258(0.4);4.2188(0.4);4.0382(0.9);4.0204(0.9);3.6465(1.0);3.6331(2.4);3.6200(2.6);3.6066(1.4);3.5492(2.4);3.5372(2.9);3.3260(25.5);3.3049(0.4);3.0624(14.0);2.5058(36.3);2.5017(45.5);2.4977(33.2);2.2521(0.4);2.2430(0.5);2.2305(0.8);2.2209(0.8);2.2089(0.9);2.1975(0.7);2.1887(0.4);2.1046(0.6);2.0965(0.8);2.0895(0.9);2.0738(0.7);2.0620(0.6);2.0537(0.6);1.9891(3.8);1.2320(0.3);1.1926(1.0);1.1748(1.9);1.1572(1.0);-0.0001(4.5)
595	3.61		595: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1408(0.9);9.1232(1.7);9.1128(1.2);9.1059(1.3);8.5911(7.4);8.3494(1.9);8.3335(2.1);8.3258(2.1);8.3102(1.9);8.1409(0.4);7.7554(3.0);7.7518(3.1);7.7353(3.7);7.7317(3.6);7.6777(2.3);7.6551(3.9);7.6324(2.2);7.5002(1.4);7.4897(1.3);7.4808(2.9);7.4702(2.7);7.4610(1.8);7.4505(1.6);7.4116(1.0);7.4079(1.1);7.3993(1.1);7.3919(1.8);7.3883(1.6);7.3754(1.7);7.3681(1.2);7.3560(2.0);7.3479(1.6);7.3377(1.5);7.3327(1.4);7.1785(1.3);7.1608(2.8);7.1431(1.7);6.9110(1.4);6.8927(2.5);6.8746(1.2);6.7951(3.5);6.7747(3.2);5.7569(16.0);5.2309(1.4);5.2174(1.3);4.2882(0.5);4.2691(1.6);4.2537(2.7);4.2444(2.3);4.2322(1.3);4.2033(0.4);4.0557(0.6);4.0378(1.6);4.0201(1.6);4.0023(0.6);3.7509(0.6);3.7434(0.5);3.7279(1.0);3.7217(1.2);3.7117(0.7);3.7041(1.5);3.6822(1.2);3.6640(0.7);3.6542(0.7);3.6478(1.1);3.6339(1.7);3.6281(1.2);3.6209(1.1);3.6138(1.3);3.6008(1.6);3.5817(2.2);3.5630(1.8);3.5434(0.5);3.3865(0.6);3.3682(1.5);3.3552(1.7);3.3473(2.1);3.3228(43.4);3.2960(0.8);3.2790(0.6);3.2636(1.0);3.2544(1.1);3.2470(1.0);3.2390(1.1);3.2120(1.6);3.1913(1.2);3.1782(1.4);3.1674(0.5);3.1565(0.9);3.1462(0.7);3.1236(0.4);3.0852(14.4);3.0806(13.3);2.6985(1.0);2.6799(1.2);2.6746(1.3);2.6704(1.5);2.5233(2.1);2.5057(103.8);2.5013(135.2);2.4969(96.5);2.3325(0.6);2.3281(0.8);2.2037(0.7);2.1932(0.9);2.1822(1.1);2.1701(1.0);2.1617(0.8);2.1490(0.5);2.0299(1.2);2.0158(1.4);1.9887(8.2);1.9661(1.1);1.9539(0.6);1.4852(0.6);1.4798(0.6);1.4688(1.0);1.4532(1.1);1.4363(0.9);1.4216(0.6);1.2352(0.5);1.1923(1.8);1.1745(3.6);1.1567(1.8);0.0075(0.3);-0.0002(9.6)
596	2.30		596: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0701(3.4);9.0498(3.5);8.5625(0.6);8.5278(0.5);8.4640(2.2);8.4489(2.6);8.4390(11.6);8.4253(2.3);8.1352(0.7);7.8085(0.8);7.7955(1.7);7.7758(1.8);7.7613(0.9);7.7046(6.4);7.6992(7.6);7.6691(0.7);7.6622(1.0);7.6543(0.9);7.6470(1.4);7.6418(1.4);7.6338(1.4);7.6213(1.4);7.6135(0.9);7.5969(2.8);7.5738(4.2);7.5512(2.2);7.5380(0.3);7.4597(6.8);7.4558(6.8);7.4405(0.4);7.2706(2.3);7.2503(2.8);7.2145(1.7);7.1920(0.9);7.1737(1.8);7.1528(3.5);7.1353(2.1);6.8948(1.7);6.8760(2.8);6.8579(1.3);6.7898(4.9);6.7697(4.4);6.2235(4.2);6.2186(7.2);6.2137(4.2);6.1947(0.4);5.7572(15.7);5.2260(1.1);5.2118(2.2);5.1921(2.1);5.1777(0.9);4.4811(3.3);4.4655(7.5);4.4500(3.9);4.4309(0.4);4.2266(4.2);4.2215(4.5);4.0560(1.1);4.0380(3.4);4.0202(3.4);4.0023(1.2);3.8362(3.8);3.8227(3.4);3.3218(25.8);2.8900(0.6);2.7311(0.6);2.6707(1.0);2.5236(2.6);2.5057(130.4);2.5014(170.3);2.4971(122.6);2.3282(1.0);2.1418(0.9);2.1256(1.2);2.1084(1.4);2.0941(1.3);2.0746(0.7);2.0126(1.0);1.9999(1.6);1.9888(16.0);1.9666(1.0);1.9535(0.7);1.2347(0.6);1.1924(3.8);1.1746(7.5);1.1568(3.7);0.0080(0.4);-0.0001(12.0)
597	1.84		597: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0160(2.4);8.9955(2.4);8.5800(1.6);8.5647(1.7);8.5564(1.7);8.5410(1.7);8.5257(8.0);8.2056(1.8);7.6979(16.0);7.5619(1.8);7.5385(3.4);7.5151(1.7);7.2990(2.3);7.2808(2.6);7.1797(1.1);7.1764(1.2);7.1586(2.4);7.1412(1.5);6.9103(1.7);6.8921(2.9);6.8735(1.4);6.7985(3.3);6.7784(3.0);5.2605(0.7);5.2452(1.5);5.2258(1.5);5.2103(0.6);4.9247(1.7);4.9122(3.9);4.8996(1.8);4.2873(0.3);4.2603(2.4);4.2512(3.2);4.2197(0.4);3.6760(0.9);3.6623(3.1);3.6494(4.2);3.6376(2.3);3.6131(2.2);3.6014(3.8);3.5884(2.8);3.3245(128.5);2.6710(0.9);2.5058(125.4);2.5015(161.2);2.4973(117.7);2.3284(0.9);2.1769(0.5);2.1553(0.8);2.1416(1.1);2.1263(1.0);2.1128(0.5);2.0598(1.1);2.0478(1.1);2.0324(0.8);2.0239(0.7);2.0143(0.6);-0.0001(5.0)

599	1.26		599: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0562(3.0);9.0349(3.1);8.5743(0.4);8.4690(1.5);8.4526(1.9);8.4440(1.9);8.4303(1.6);8.3837(8.0);8.1530(1.3);7.9531(0.3);7.8091(1.4);7.7969(1.3);7.7809(1.2);7.7236(3.8);7.7207(3.8);7.7033(4.5);7.6086(1.1);7.5735(2.2);7.5518(3.6);7.5294(2.0);7.4708(1.4);7.4608(1.8);7.4511(2.7);7.4413(3.2);7.4317(1.7);7.4217(1.9);7.3433(2.1);7.3279(3.6);7.3127(2.0);7.2532(3.2);7.2358(3.5);7.2145(0.4);7.1976(0.5);7.1703(2.3);7.1507(4.4);7.1322(2.8);6.9427(0.3);6.8980(2.9);6.8795(4.7);6.8617(2.6);6.8121(0.5);6.7871(4.7);6.7668(4.2);5.7564(16.0);5.2306(1.0);5.2157(2.1);5.1972(2.0);5.1830(0.9);4.3402(3.3);4.2258(4.6);3.7613(3.1);3.5706(0.3);3.5591(0.4);3.5486(0.4);3.4758(0.7);3.3304(5.7);3.1731(0.6);2.8900(1.4);2.7307(1.4);2.6707(1.6);2.5587(0.4);2.5016(305.4);2.4478(0.8);2.4148(0.4);2.4082(0.4);2.3283(1.8);2.1700(0.5);2.1196(1.4);1.9881(2.0);1.9618(1.2);1.1742(0.4);-0.0003(14.4)
606	2.63		606: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 20.0019(0.4);11.6374(0.5);9.3368(2.0);9.3164(1.9);8.6542(0.4);8.6320(8.0);8.3582(2.0);8.3369(2.2);8.1752(0.6);8.1559(0.5);7.7946(2.0);7.7787(2.7);7.7011(2.2);7.6792(2.2);7.6623(1.5);7.6399(0.6);7.6304(0.7);7.6154(0.9);7.6105(0.9);7.5953(0.9);7.5661(0.6);7.3732(2.0);7.3556(2.2);7.2327(1.2);7.2036(1.6);7.1824(2.2);7.1642(1.3);6.9450(1.6);6.9252(2.4);6.9067(1.2);6.8179(2.7);6.7965(2.4);5.3127(0.7);5.2980(1.3);5.2805(1.4);5.2646(0.6);5.1508(1.2);5.1352(2.6);5.1201(1.3);4.3135(0.6);4.3101(0.6);4.2925(1.2);4.2749(1.8);4.2657(1.9);4.2452(1.4);4.2228(0.6);3.6428(2.3);3.6278(2.6);3.6139(1.6);3.5956(0.5);3.5628(2.5);3.5489(3.0);3.3286(367.5);3.0681(16.0);2.6830(4.0);2.6784(5.4);2.6738(4.0);2.6571(0.4);2.5916(0.5);2.5585(1.2);2.5138(734.5);2.5095(960.4);2.5050(690.4);2.4327(0.8);2.3888(0.5);2.3406(4.0);2.3362(5.6);2.3320(4.1);2.2638(0.5);2.2521(0.8);2.2294(0.9);2.2202(0.8);2.2097(0.9);2.1954(0.9);2.1014(0.6);2.0870(1.1);2.0807(1.0);2.0641(0.9);2.0539(0.8);1.7536(0.4);0.0082(2.7);-2.4241(0.4);-2.6703(0.5)
625	1.24		625: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0900(1.0);9.0696(1.1);8.5142(4.0);8.3294(1.0);8.3092(1.0);7.7732(0.5);7.7612(2.0);7.7455(1.8);7.6202(3.0);7.6160(7.0);7.6102(2.8);7.6064(1.8);7.5945(2.0);7.5821(1.0);7.5610(1.1);7.5428(0.8);7.2876(1.0);7.2700(1.0);7.1885(0.5);7.1848(0.5);7.1681(1.0);7.1501(0.6);7.1463(0.6);7.1283(2.2);6.9241(0.7);6.9055(1.3);6.8866(0.7);6.8599(2.3);6.8053(1.4);6.7852(1.3);5.7568(16.0);5.2445(0.6);5.2257(0.6);4.3461(0.9);4.3314(2.0);4.3165(1.0);4.2612(1.0);4.2481(1.7);4.2348(1.1);3.7783(1.0);3.7693(0.9);3.7633(0.9);3.3256(11.9);3.1318(1.5);2.5236(0.7);2.5101(19.3);2.5058(40.5);2.5013(54.2);2.4968(38.5);2.4925(18.1);2.1600(0.3);2.1388(0.5);2.1255(0.5);2.0744(0.4);2.0394(0.4);2.0254(0.5);2.0027(0.3);0.0079(0.7);-0.0002(21.3);-0.0084(0.7)
629	2.09		629: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9739(1.9);8.9538(1.9);8.5544(0.4);8.3842(2.7);8.3611(3.0);8.3534(6.7);7.8907(1.2);7.8785(1.2);7.6553(3.6);7.6515(2.8);7.6466(4.6);7.6418(2.6);7.6325(3.3);7.3204(1.6);7.2981(2.8);7.2783(1.9);7.1724(0.9);7.1505(1.7);7.1331(1.2);7.1292(1.1);6.9069(1.3);6.8885(2.2);6.8727(1.1);6.7876(2.5);6.7691(2.1);5.2365(0.6);5.2227(1.1);5.2020(1.0);5.1865(0.5);4.2514(1.9);4.2395(3.2);4.2256(1.8);3.3205(162.9);3.0650(1.7);3.0510(6.7);3.0385(6.8);2.6746(1.3);2.6702(1.7);2.6658(1.3);2.5456(0.4);2.5233(4.5);2.5098(111.1);2.5055(228.2);2.5011(302.5);2.4966(215.4);2.4923(102.0);2.3324(1.2);2.3278(1.7);2.3236(1.2);2.1786(0.4);2.1705(0.6);2.1564(0.7);2.1345(0.8);2.1206(0.8);2.1072(0.3);2.0227(0.7);2.0119(0.9);1.9896(0.6);1.9757(0.6);1.3975(16.0);1.2981(0.4);1.2580(0.6);1.2351(3.6);0.8536(0.5);0.0078(1.2);-0.0002(36.1);-0.0084(1.4)
630	5.59		630: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0221(2.2);9.0014(2.2);8.6578(9.6);8.2917(3.5);8.2688(4.0);7.7935(4.4);7.7706(4.1);7.6936(2.7);7.6889(5.3);7.6841(2.9);7.3740(3.2);7.3575(3.9);7.2960(0.5);7.2779(1.4);7.2596(5.4);7.2490(2.8);7.2439(2.0);7.2315(1.8);7.2267(1.4);7.2158(0.7);7.2100(0.7);6.7934(0.4);6.7889(0.4);5.7565(13.4);5.6226(0.6);5.6026(1.6);5.5824(1.6);5.5623(0.6);3.9159(0.5);3.8839(6.4);3.8527(0.5);3.3624(0.7);3.3515(1.3);3.3314(2.0);3.3200(16.7);3.2889(1.5);3.2793(2.4);3.2661(1.7);3.2475(1.3);3.2366(0.7);2.6747(0.4);2.6701(0.6);2.6658(0.4);2.5236(1.4);2.5100(39.3);2.5057(82.0);2.5012(109.3);2.4967(78.5);2.4924(37.7);2.4266(1.5);2.4077(1.6);2.3956(1.7);2.3767(1.5);2.3323(0.5);2.3280(0.6);2.3233(0.5);1.9885(0.7);1.8670(1.4);1.8451(1.4);1.8359(1.4);1.8144(1.2);1.3617(16.0);1.2982(0.6);1.2583(0.8);1.2329(1.9);1.2207(14.1);1.1928(0.4);1.1747(0.5);0.8528(0.3);0.0081(0.4);-0.0002(13.8);-0.0083(0.5)

635	4.08		635: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 16.1140(0.5);10.4114(5.2);9.2742(4.1);9.2545(4.1);8.6672(16.0);8.4984(0.8);8.3161(0.7);8.2805(5.8);8.2574(6.8);7.9468(0.5);7.8498(0.5);7.8211(0.5);7.8071(1.9);7.7922(13.1);7.7695(10.8);7.7494(1.6);7.7007(4.7);7.6894(5.4);7.6846(12.3);7.6801(10.0);7.6549(0.5);7.6293(0.5);7.5660(2.6);7.5463(3.9);7.5265(1.9);7.4103(0.6);7.3731(7.7);7.3420(0.5);7.2955(0.6);7.2790(0.5);7.2579(0.6);7.1748(0.6);7.1587(0.5);6.9763(2.6);6.9717(4.9);6.9672(2.8);6.7934(10.6);6.7888(10.5);5.7571(3.0);5.7200(1.4);5.7123(1.4);5.7007(2.3);5.6927(2.3);5.6827(1.4);5.6722(1.3);4.2620(0.6);3.9041(0.7);3.8714(10.6);3.8595(8.3);3.3202(437.6);3.2547(10.3);3.2474(9.8);3.2274(3.3);3.2003(3.5);3.1809(2.7);3.0551(0.6);3.0434(0.7);3.0415(0.8);3.0359(1.0);3.0236(1.1);2.6887(0.9);2.6736(7.4);2.6705(7.5);2.6653(7.5);2.6262(2.8);2.6181(3.1);2.5684(1.0);2.5234(15.1);2.5055(828.6);2.5011(1116.3);2.4966(810.8);2.4925(396.0);2.3321(4.3);2.3276(6.2);2.3235(4.8);1.6275(0.5);1.5493(0.6);1.3738(0.7);1.3611(0.6);1.3526(0.7);1.3364(0.7);1.3137(0.6);1.2976(3.0);1.2584(4.5);1.2492(1.9);1.2336(4.7);1.1866(0.7);1.1670(0.7);1.1470(0.5);0.8837(0.6);0.8665(1.0);0.8532(1.2);0.8343(0.9);0.7968(0.5);0.0080(3.9);-0.0001(140.0);-0.0082(6.0);-0.1495(0.7)
636	1.89		636: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9971(1.4);8.9919(1.4);8.9766(1.4);8.9719(1.4);8.5599(0.3);8.5003(0.6);8.4458(2.8);8.4226(3.0);8.3554(7.4);8.3047(0.3);8.0757(1.1);8.0706(0.5);8.0539(1.2);7.9316(0.8);7.9195(1.1);7.9128(1.1);7.9002(0.8);7.6950(3.1);7.6724(3.0);7.6539(0.6);7.6428(0.5);7.6285(0.9);7.6152(0.9);7.6017(0.9);7.5872(0.4);7.5792(0.4);7.4949(0.8);7.4737(0.7);7.3020(1.7);7.2826(1.7);7.1716(1.2);7.1510(2.4);7.1329(1.9);7.1156(0.9);7.0876(0.6);6.9221(0.3);6.9074(1.5);6.8887(2.4);6.8702(1.2);6.7886(3.0);6.7683(2.6);5.7565(1.4);5.2367(0.7);5.2226(1.4);5.2034(1.3);5.1877(0.6);4.2500(2.2);4.2386(3.3);4.2272(2.0);3.3214(36.9);3.0794(2.4);3.0597(4.7);3.0529(5.6);3.0474(5.6);3.0406(4.9);3.0261(0.9);2.6705(0.8);2.6665(0.6);2.5422(0.5);2.5379(0.5);2.5324(0.4);2.5238(1.9);2.5102(57.4);2.5061(114.6);2.5017(149.9);2.4973(108.3);2.3331(0.6);2.3287(0.8);2.3240(0.7);2.1869(0.4);2.1731(0.8);2.1589(0.9);2.1531(0.7);2.1394(0.9);2.1240(0.9);2.1119(0.4);2.0419(0.4);2.0252(0.8);2.0171(0.9);2.0075(0.9);1.9889(0.9);1.9713(0.5);1.3979(16.0);1.2984(0.6);1.2590(0.9);1.2353(1.0);1.1749(0.4);0.8534(0.4);0.1464(0.6);0.0362(0.5);0.0081(6.1);0.0000(147.3);-0.0077(6.7);-0.0332(0.4);-0.1494(0.7)
637	2.00		637 (Atopisomer 1): ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9812(3.0);8.9606(3.1);8.5585(2.1);8.5432(2.2);8.5347(2.2);8.5195(2.0);8.4472(1.0);8.3740(10.8);7.8585(1.3);7.8460(2.4);7.8330(1.3);7.7210(3.3);7.7173(3.5);7.7009(4.0);7.6972(4.0);7.5268(2.4);7.5043(4.0);7.4818(2.7);7.4707(3.7);7.4513(6.4);7.4315(3.6);7.3428(4.1);7.3391(4.3);7.3237(3.3);7.3200(3.0);7.2841(2.8);7.2656(3.1);7.1683(1.4);7.1645(1.4);7.1474(2.9);7.1298(1.8);7.1259(1.7);6.9122(0.3);6.9043(2.1);6.9019(2.2);6.8834(3.6);6.8671(1.7);6.8646(1.7);6.7869(4.0);6.7664(3.6);6.5264(1.2);5.7564(10.6);5.2486(1.0);5.2332(1.9);5.2138(1.8);5.1993(0.8);4.2563(3.3);4.2421(5.3);4.2296(3.1);4.0381(0.5);4.0202(0.5);3.5676(1.2);3.5530(1.0);3.5354(3.3);3.5218(3.7);3.5179(3.7);3.5043(3.3);3.4865(1.0);3.3244(162.6);2.6748(0.7);2.6705(1.0);2.6659(0.7);2.5238(2.2);2.5189(3.5);2.5103(62.0);2.5059(130.8);2.5015(175.3);2.4970(125.4);2.4927(59.8);2.3326(0.7);2.3281(1.0);2.3240(0.7);2.1843(0.4);2.1710(0.9);2.1540(0.9);2.1492(1.0);2.1351(1.7);2.1215(1.5);2.1070(0.5);2.0365(0.6);2.0236(1.4);2.0079(1.5);1.9886(3.0);1.9756(0.8);1.9606(0.4);1.3973(1.0);1.2982(0.6);1.2779(7.4);1.2600(16.0);1.2422(7.8);1.2362(2.8);1.1924(0.7);1.1745(1.4);1.1568(0.7);1.1179(0.4);0.1460(0.7);0.0079(5.2);-0.0002(164.7);-0.0085(6.1);-0.1496(0.8)

637	2.00	637 (Atopisomer 2): ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.9813(3.2);8.9607(3.1);8.5586(2.0);8.5432(2.5);8.5346(2.2);8.5195(2.0);8.4528(0.5);8.4472(1.0);8.3793(4.0);8.3740(10.1);7.8910(0.4);7.8462(2.8);7.8341(1.5);7.7210(3.6);7.7173(3.4);7.7009(4.4);7.6971(3.8);7.5269(2.3);7.5044(4.0);7.4817(2.8);7.4763(1.8);7.4707(3.8);7.4564(2.4);7.4512(6.1);7.4370(1.4);7.4315(3.4);7.3722(0.4);7.3429(4.6);7.3392(4.1);7.3238(3.5);7.3201(2.9);7.2866(3.1);7.2675(3.4);7.1684(1.7);7.1647(1.5);7.1491(3.3);7.1299(2.1);7.1260(1.7);6.9045(2.3);6.9017(2.3);6.8858(3.8);6.8672(1.8);6.8647(1.6);6.7871(4.2);6.7666(3.8);6.5259(1.0);5.7618(3.4);5.7564(9.6);5.2477(1.1);5.2335(2.3);5.2150(2.0);5.1991(0.8);4.2561(4.1);4.2423(5.9);4.2302(3.3);4.0378(0.5);4.0201(0.5);3.5734(0.5);3.5677(1.2);3.5530(1.3);3.5355(3.7);3.5222(4.6);3.5181(4.1);3.5044(3.6);3.4867(1.0);3.3292(56.4);3.3241(147.2);2.6749(1.0);2.6704(1.0);2.5100(97.7);2.5060(162.3);2.5014(184.8);2.4969(125.4);2.3326(0.9);2.3282(1.0);2.1711(1.0);2.1543(1.2);2.1482(1.2);2.1349(1.8);2.1213(1.6);2.1069(0.6);2.0234(1.7);2.0079(1.8);1.9942(1.9);1.9885(3.2);1.9758(1.0);1.3973(1.0);1.2984(0.7);1.2778(7.7);1.2650(7.0);1.2599(16.0);1.2421(8.2);1.1924(0.8);1.1803(0.7);1.1746(1.4);1.1624(0.5);1.1566(0.8);1.1175(0.4);0.8531(0.3);0.1461(0.7);0.0054(57.5);-0.0002(161.4);-0.0084(7.7);-0.1496(0.7)
638	2.23	638: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0008(3.2);8.9802(3.2);8.5200(2.1);8.5049(2.3);8.4962(2.3);8.4812(2.3);8.4700(11.1);7.9621(1.4);7.9491(2.6);7.9360(1.4);7.6569(3.9);7.6521(7.7);7.6473(4.4);7.5206(2.6);7.4975(4.7);7.4688(12.2);7.4645(11.6);7.2968(3.0);7.2782(3.2);7.1784(1.5);7.1750(1.5);7.1575(3.0);7.1400(1.9);7.1363(1.8);6.9153(2.2);6.8968(3.8);6.8803(1.8);6.8780(1.8);6.7978(4.2);6.7776(3.9);5.7568(14.4);5.2612(0.8);5.2462(1.9);5.2271(1.9);5.2124(0.8);4.2879(0.4);4.2684(2.9);4.2535(5.0);4.2416(3.2);4.2248(0.4);4.0559(0.5);4.0381(1.4);4.0204(1.4);4.0025(0.5);3.5657(1.0);3.5479(3.4);3.5341(3.8);3.5305(3.9);3.5167(3.4);3.4992(1.0);3.3244(45.5);2.6751(0.3);2.6708(0.4);2.6664(0.3);2.5240(1.0);2.5062(58.1);2.5018(77.3);2.4974(55.4);2.4933(26.6);2.3284(0.4);2.3242(0.3);2.1917(0.4);2.1800(0.8);2.1675(0.8);2.1582(1.0);2.1439(1.7);2.1299(1.4);2.1160(0.6);2.0571(0.6);2.0444(1.4);2.0300(1.4);2.0168(0.9);2.0079(1.0);1.9976(0.8);1.9889(6.3);1.3966(2.5);1.2716(7.6);1.2537(16.0);1.2359(7.6);1.1928(1.6);1.1750(3.2);1.1572(1.6);1.1006(0.4);0.1459(0.4);0.0078(2.9);-0.0002(85.1);-0.0085(3.2);-0.1498(0.4)
639	2.03	639: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0037(3.5);8.9833(3.6);8.5928(2.3);8.5776(2.5);8.5692(2.5);8.5540(2.3);8.4447(8.2);7.9683(0.9);7.9555(1.6);7.9411(1.6);7.9269(1.7);7.9141(0.9);7.6638(0.8);7.6556(0.8);7.6367(1.6);7.6280(1.5);7.6154(1.5);7.6000(0.8);7.5928(0.6);7.5575(2.4);7.5348(4.5);7.5123(2.4);7.2980(3.6);7.2784(4.0);7.2281(1.0);7.2073(1.8);7.1856(1.1);7.1760(2.3);7.1556(3.8);7.1373(2.3);6.9128(2.6);6.8941(4.4);6.8755(2.1);6.7945(5.2);6.7742(4.7);5.7562(7.5);5.2574(1.0);5.2421(2.3);5.2232(2.3);5.2089(1.0);4.2637(3.6);4.2504(6.3);4.2383(3.7);4.0560(0.4);4.0382(1.2);4.0202(1.2);4.0029(0.4);3.5615(0.9);3.5447(2.8);3.5317(4.0);3.5142(2.9);3.3254(108.5);2.6706(0.7);2.5017(124.2);2.3283(0.7);2.1918(0.5);2.1788(1.1);2.1587(1.2);2.1432(2.0);2.1298(1.7);2.1157(0.7);2.0354(1.5);2.0224(1.6);2.0015(1.1);1.9887(6.0);1.3972(0.8);1.2987(0.3);1.2755(7.7);1.2577(16.0);1.2399(8.0);1.1925(1.4);1.1748(2.8);1.1570(1.4);1.1112(0.4);0.1461(0.5);-0.0003(106.4);-0.1497(0.5)
640	2.48	640: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0190(2.7);8.9986(2.8);8.5860(1.9);8.5708(1.8);8.5624(1.9);8.5471(1.6);8.4880(8.4);8.4794(1.3);8.4515(0.7);8.4433(0.4);8.2878(0.5);8.2279(2.1);8.0387(1.2);8.0254(2.1);8.0125(1.1);7.7914(0.8);7.6916(16.0);7.5748(0.5);7.5631(1.8);7.5519(0.4);7.5398(3.4);7.5166(1.7);7.2969(2.4);7.2786(2.7);7.1814(1.1);7.1778(1.2);7.1606(2.5);7.1428(1.6);6.9190(1.7);6.9002(3.0);6.8820(1.5);6.7996(3.4);6.7792(3.1);5.7563(6.7);5.2566(0.7);5.2422(1.7);5.2228(1.7);5.2079(0.8);4.2673(2.5);4.2530(4.4);4.2411(2.9);4.0382(0.5);4.0200(0.5);3.5675(1.1);3.5501(2.9);3.5331(3.2);3.5189(2.7);3.5015(0.8);3.3250(141.3);2.6708(0.8);2.5059(106.3);2.5018(136.0);2.4976(97.9);2.3285(0.7);2.1793(0.7);2.1585(0.9);2.1438(1.4);2.1299(1.2);2.1166(0.5);2.0576(0.5);2.0442(1.2);2.0302(1.3);2.0171(0.8);2.0082(0.9);1.9888(2.3);1.3974(1.0);1.2982(0.3);1.2718(5.9);1.2620(2.4);1.2539(12.0);1.2362(6.0);1.1928(0.6);1.1750(1.1);1.1571(0.6);0.1461(0.6);0.0073(4.4);-0.0001(110.9);-0.0082(4.5);-0.1496(0.6)

641	1.92		641: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0727(0.5);9.0637(0.6);9.0525(0.6);8.4190(0.8);8.4096(1.8);8.4004(2.2);7.7346(0.4);7.6795(1.2);7.6757(1.2);7.6593(1.2);7.6558(1.2);7.5940(0.5);7.5815(2.6);7.5618(1.4);7.5440(0.4);7.4389(0.5);7.4315(0.5);7.4194(0.9);7.4111(0.8);7.4002(0.5);7.3915(0.5);7.3174(0.7);7.3021(1.5);7.2863(1.2);7.1704(0.5);7.1530(1.0);7.1323(0.6);6.9077(0.7);6.8882(1.2);6.8702(0.6);6.7922(1.4);6.7715(1.2);5.2376(0.6);5.2210(0.6);4.2559(2.4);4.2484(2.3);3.7210(1.1);3.7090(0.9);3.3195(59.6);2.6702(1.5);2.5231(3.5);2.5054(198.0);2.5011(259.6);2.4968(186.2);2.3320(1.1);2.3277(1.5);2.1827(0.3);2.1601(0.4);2.1464(0.6);2.1325(0.5);2.0385(0.4);2.0240(0.5);1.9970(11.1);1.9022(1.6);1.3977(16.0);0.1461(1.0);0.0077(7.6);-0.0002(219.7);-0.0081(8.5);-0.1498(1.1)
644	2.03		644: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1762(2.1);9.1562(2.2);8.6798(7.4);7.9799(1.3);7.9643(1.5);7.9565(1.5);7.9407(1.4);7.6877(2.4);7.6832(4.5);7.6479(3.0);7.5660(1.5);7.5426(2.8);7.5196(1.4);7.4951(8.0);7.4914(7.9);7.3265(2.0);7.3076(2.2);7.1882(1.1);7.1662(4.4);7.1530(1.6);6.9288(1.5);6.9104(2.5);6.8919(1.2);6.8417(3.1);6.8047(2.9);6.7842(2.6);5.2372(0.6);5.2226(1.3);5.2037(1.3);5.1892(0.6);4.3111(2.0);4.2962(4.0);4.2811(2.3);4.2538(1.2);4.2359(1.7);4.2269(1.8);4.2119(1.1);4.2052(1.3);4.1841(0.4);4.0378(0.5);4.0200(0.6);3.5379(2.0);3.5229(3.8);3.5078(1.9);3.3232(6.1);3.0749(16.0);2.8662(2.9);2.6705(0.7);2.5480(0.8);2.5053(97.3);2.5014(124.4);2.3284(0.7);2.2069(0.4);2.1981(0.6);2.1838(0.8);2.1745(0.8);2.1629(0.8);2.1517(0.6);2.0745(3.5);2.0303(0.9);2.0162(0.7);2.0025(0.6);1.9887(2.6);1.2341(0.9);1.1924(0.6);1.1746(1.2);1.1568(0.6);-0.0001(61.3)
647	3.90		647: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.2469(1.6);9.2267(1.7);8.7138(6.9);8.4548(3.2);8.3695(1.3);8.3539(1.4);8.3458(1.4);8.3303(1.3);7.7363(2.2);7.7312(2.4);7.6970(2.2);7.6921(4.6);7.6877(3.4);7.6656(2.6);7.6424(1.4);7.6381(0.9);7.6330(1.2);7.6280(0.6);7.5214(6.3);7.5172(6.1);7.3823(1.5);7.3649(1.6);7.1937(0.8);7.1902(0.8);7.1726(1.6);7.1552(1.0);7.1517(1.0);6.9391(1.1);6.9366(1.2);6.9180(2.0);6.9019(1.0);6.8993(1.0);6.8088(2.2);6.8068(2.2);6.7884(2.0);6.7863(2.0);5.7561(12.1);5.2495(0.4);5.2362(1.0);5.2167(1.0);5.2022(0.5);4.2875(0.3);4.2695(0.9);4.2546(1.8);4.2458(1.6);4.2339(0.9);4.2262(1.0);4.2061(0.3);4.0558(0.6);4.0380(1.7);4.0202(1.7);4.0024(0.6);3.7243(0.9);3.7057(2.6);3.6886(2.0);3.6540(0.4);3.6195(1.1);3.6034(2.2);3.5864(1.6);3.5681(0.8);3.5517(0.4);3.3229(30.8);3.0469(13.3);3.0228(0.8);2.9728(16.0);2.9526(0.6);2.6705(0.4);2.5240(0.9);2.5104(24.8);2.5061(52.1);2.5016(69.8);2.4971(49.8);2.4928(23.6);2.3283(0.4);2.2263(0.3);2.2177(0.4);2.2054(0.6);2.1949(0.6);2.1835(0.7);2.1718(0.5);2.0912(0.5);2.0835(0.6);2.0764(0.8);2.0614(0.5);2.0499(0.5);2.0418(0.5);1.9888(7.6);1.1927(2.0);1.1749(4.0);1.1571(1.9);0.0079(0.6);-0.0002(19.9);-0.0085(0.7)
648	2.06		648: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0572(2.9);9.0367(2.9);8.4493(10.6);8.1700(2.0);8.1550(2.1);8.1463(2.1);8.1314(2.0);7.7358(0.7);7.7309(0.8);7.6651(3.6);7.6604(7.0);7.6556(4.0);7.6378(0.4);7.6329(0.5);7.4698(11.0);7.4663(10.8);7.4519(2.4);7.4287(4.1);7.4056(2.1);7.3170(2.8);7.2990(3.1);7.1870(1.4);7.1840(1.4);7.1665(2.9);7.1487(1.8);7.1452(1.7);6.9224(2.0);6.9044(3.5);6.8874(1.7);6.8060(4.0);6.7857(3.6);5.7560(16.0);5.5709(0.8);5.5640(1.0);5.5582(0.9);5.4176(1.0);5.2110(0.8);5.1968(1.8);5.1775(1.8);5.1628(0.8);4.7415(0.4);4.7258(0.5);4.7120(0.9);4.6976(0.9);4.6840(0.9);4.6565(3.0);4.6425(1.9);4.6234(1.6);4.6147(1.7);4.5979(2.4);4.5899(2.1);4.5582(1.4);4.5287(0.6);4.2661(3.1);4.2539(5.1);4.2399(3.1);4.0559(0.6);4.0380(1.8);4.0202(1.8);4.0026(0.6);3.3241(88.4);3.0496(0.4);2.6708(0.7);2.5060(93.6);2.5017(121.8);2.4974(88.1);2.3287(0.7);2.2024(0.4);2.1879(1.0);2.1736(1.1);2.1537(1.3);2.1387(1.3);2.1252(0.5);2.0539(0.6);2.0402(1.2);2.0284(1.4);2.0149(0.9);2.0067(1.0);1.9888(8.4);1.3973(2.6);1.1928(2.1);1.1750(4.1);1.1572(2.0);0.0080(1.0);-0.0001(30.3)

649	3.76		649: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.3085(1.9);9.2880(2.0);8.6476(8.2);8.3888(1.4);8.3732(1.6);8.3651(1.6);8.3496(1.5);8.1547(0.5);7.6899(2.7);7.6851(5.2);7.6803(2.9);7.6387(1.6);7.6155(3.1);7.5923(1.6);7.5128(7.7);7.5088(7.6);7.3587(2.0);7.3408(2.1);7.1945(0.9);7.1910(1.0);7.1736(2.0);7.1559(1.2);7.1525(1.2);6.9340(1.5);6.9157(2.4);6.8992(1.2);6.8968(1.2);6.8099(2.7);6.7897(2.5);5.2926(0.5);5.2790(1.2);5.2593(1.2);5.2449(0.6);5.1397(1.0);5.1247(2.2);5.1092(1.0);4.3009(0.4);4.2935(0.4);4.2812(1.1);4.2719(1.1);4.2537(1.6);4.2400(1.0);4.2326(1.2);4.2124(0.4);4.2051(0.3);4.0377(0.8);4.0200(0.8);3.6455(0.8);3.6328(2.3);3.6195(2.5);3.6063(1.2);3.5285(2.3);3.5160(3.1);3.5041(1.4);3.3211(12.7);3.0487(16.0);2.6747(0.4);2.6700(0.6);2.6660(0.4);2.5234(1.3);2.5097(37.4);2.5056(78.3);2.5011(104.9);2.4967(76.0);2.3324(0.4);2.3278(0.6);2.3234(0.5);2.2371(0.4);2.2287(0.5);2.2165(0.8);2.2074(0.8);2.1953(0.8);2.1839(0.6);2.1748(0.4);2.0742(9.8);2.0583(0.7);2.0518(0.7);2.0411(0.6);2.0328(0.6);1.9885(3.7);1.1924(1.0);1.1746(1.9);1.1568(0.9);0.0079(0.6);-0.0003(20.1);-0.0085(0.8)
650	4.51		650: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1837(1.2);9.1634(1.3);8.6809(4.8);8.2435(0.9);8.2277(1.0);8.2197(1.0);8.2043(1.0);7.6933(1.4);7.6887(2.8);7.6837(2.0);7.6575(1.9);7.6343(0.9);7.5177(4.8);7.5133(4.7);7.3620(1.2);7.3438(1.3);7.1910(0.6);7.1874(0.6);7.1697(1.2);7.1524(0.8);7.1492(0.7);6.9344(0.9);6.9161(1.5);6.8981(0.7);6.8052(1.7);6.7851(1.5);5.7556(7.6);5.2537(0.3);5.2391(0.8);5.2201(0.8);5.2061(0.3);4.2758(0.7);4.2596(1.2);4.2506(1.2);4.2386(0.7);4.2304(0.8);3.5520(1.3);3.5365(16.0);3.5178(1.3);3.3250(45.2);3.0097(10.2);2.7359(1.0);2.7216(1.8);2.7177(1.9);2.7048(0.9);2.7002(0.9);2.5236(0.6);2.5059(34.1);2.5017(45.7);2.4974(33.7);2.2010(0.5);2.1907(0.5);2.1792(0.5);2.1683(0.4);2.0735(0.3);2.0661(0.4);2.0583(0.5);2.0435(0.4);2.0318(0.4);2.0234(0.4);0.0074(0.6);-0.0002(16.6);-0.0080(0.7)
661	3.48		661: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.2660(1.8);9.2458(1.8);8.7364(6.3);8.4266(1.2);8.4110(1.3);8.4029(1.3);8.3875(1.3);7.7469(11.3);7.7294(1.3);7.7061(2.5);7.6829(1.3);7.3840(1.6);7.3651(1.8);7.1922(0.8);7.1746(1.7);7.1566(1.0);7.1535(1.0);6.9384(1.2);6.9200(2.1);6.9014(1.0);6.8085(2.4);6.7883(2.1);5.2480(0.5);5.2343(1.0);5.2148(1.1);5.2011(0.5);4.2879(0.3);4.2693(0.9);4.2543(1.8);4.2453(1.7);4.2331(0.9);4.2256(1.1);4.2045(0.3);3.7270(1.0);3.7089(2.8);3.6921(2.1);3.6562(0.3);3.6219(1.1);3.6061(2.4);3.5891(1.7);3.5707(0.8);3.3195(31.5);3.0513(13.4);2.9714(16.0);2.6701(0.4);2.5050(45.4);2.5008(60.1);2.4965(44.9);2.3276(0.4);2.2270(0.4);2.2193(0.4);2.2055(0.6);2.1953(0.7);2.1842(0.7);2.1722(0.5);2.0920(0.5);2.0848(0.7);2.0775(0.8);2.0634(0.6);2.0509(0.5);2.0426(0.5);0.0077(2.0);-0.0002(58.4);-0.0083(3.0)
666	4.19		666: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1888(0.4);9.1756(2.0);9.1551(2.1);8.8415(0.9);8.6572(7.6);8.3810(1.4);8.3654(1.5);8.3574(1.6);8.3419(1.4);8.1800(1.9);7.7145(0.7);7.7106(0.7);7.7059(0.4);7.6898(2.4);7.6854(4.3);7.6809(2.5);7.6365(1.6);7.6133(3.0);7.5902(1.5);7.5413(1.0);7.5373(0.9);7.5138(7.7);7.5099(7.4);7.4093(1.7);7.3948(1.9);7.3893(1.9);7.2887(1.0);7.2836(1.3);7.2686(2.6);7.2587(1.1);7.2540(1.1);7.2404(2.9);7.2351(3.5);7.2262(3.2);7.2177(2.7);7.1992(0.5);5.7554(11.4);5.5865(0.6);5.5671(1.7);5.5474(1.8);5.5277(0.6);5.1663(0.3);4.4586(0.6);4.4451(0.3);3.6266(3.1);3.6152(2.4);3.5424(2.7);3.5304(3.5);3.3506(1.4);3.2177(0.4);3.0483(16.0);3.0232(0.8);3.0095(0.7);2.9999(0.8);2.9917(1.0);2.9833(1.0);2.9700(1.0);2.9614(0.9);2.9068(0.8);2.8863(1.6);2.8662(1.3);2.8468(0.9);2.8263(0.5);2.6707(0.3);2.5694(0.4);2.5600(0.5);2.5497(0.8);2.5390(1.1);2.5290(1.2);2.5059(41.4);2.5017(53.0);2.4974(39.4);2.3925(2.1);2.3288(0.3);1.9889(1.1);1.9703(1.1);1.9596(0.6);1.9500(1.1);1.9391(1.1);1.9293(0.5);1.9188(0.9);1.8974(0.3);1.2324(0.6);1.1749(0.4);-0.0001(16.4)

667	2.20		667: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1838(0.9);9.1637(0.9);8.6672(3.8);8.2561(0.9);8.2533(1.0);8.2348(1.1);8.2318(1.0);7.8167(1.1);7.8136(1.0);7.7994(2.0);7.7952(1.8);7.7744(1.0);7.7549(0.4);7.7051(1.0);7.6860(1.3);7.6714(1.0);7.6531(1.0);7.6502(1.1);7.6352(10.7);7.5676(0.6);7.5485(1.0);7.5297(0.4);5.7451(0.3);5.7340(0.6);5.7256(0.6);5.7149(0.3);3.5677(1.1);3.3192(50.0);3.2454(0.6);3.2261(0.7);3.1987(0.8);3.1793(0.7);3.0654(16.0);2.6876(0.8);2.6787(1.0);2.6704(0.7);2.6658(0.5);2.6408(0.7);2.6321(0.7);2.5234(1.7);2.5056(81.8);2.5013(106.7);2.4968(76.8);2.3320(0.5);2.3280(0.6);2.3241(0.4);1.9883(1.2);1.3976(5.9);1.1925(0.3);1.1747(0.7);1.1568(0.3);0.1461(0.4);0.0078(3.7);-0.0002(99.3);-0.0084(4.0);-0.1496(0.5)
668	3.94		668: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.1048(0.6);9.0845(0.6);8.5684(2.2);8.2951(0.9);8.2722(1.1);7.7677(1.1);7.7447(1.0);7.6197(2.0);7.3464(0.6);7.3272(0.6);7.1808(0.3);7.1623(0.6);7.1415(0.4);6.9222(0.4);6.9036(0.8);6.8863(0.3);6.7970(0.8);6.7766(0.7);5.2280(0.4);5.2096(0.4);4.2664(0.4);4.2398(0.5);4.2239(0.3);4.2180(0.4);3.3213(197.3);3.0723(9.7);3.0549(1.1);2.6700(1.0);2.5051(126.7);2.5011(167.6);2.4969(130.1);2.3278(1.0);1.3975(16.0);0.1457(0.6);-0.0003(133.9);-0.1501(0.7)
669	2.67		669: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0888(1.0);9.0685(1.0);8.5482(3.5);8.2431(1.6);8.2203(1.8);7.7361(1.8);7.7132(1.7);7.3437(1.0);7.3234(1.3);7.2978(0.9);7.2924(0.6);7.2742(0.4);7.1768(0.5);7.1593(1.0);7.1385(0.6);7.0392(1.0);7.0204(1.0);6.9196(0.7);6.9008(1.2);6.8822(0.6);6.7944(1.4);6.7741(1.2);5.2331(0.7);5.2138(0.6);4.2661(0.6);4.2491(0.9);4.2400(1.0);4.2265(0.6);4.2192(0.7);3.3208(107.7);3.0636(16.0);2.6703(0.9);2.5052(108.3);2.5012(145.2);2.4972(117.6);2.3278(0.9);2.1920(0.4);2.1823(0.4);2.1690(0.4);2.0407(0.4);2.0341(0.5);2.0229(0.4);2.0072(0.3);1.3976(2.0);0.1458(0.5);-0.0002(112.9);-0.1499(0.5)
670	2.84		670: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0781(0.7);9.0580(0.8);8.5100(2.0);8.1805(1.6);8.1576(1.9);7.6967(2.0);7.6738(1.8);7.3393(0.8);7.3205(0.9);7.2257(1.6);7.1779(0.4);7.1741(0.4);7.1563(0.8);7.1392(0.5);7.1353(0.5);7.0548(0.5);7.0243(0.5);6.9152(0.7);6.8967(1.1);6.8779(0.6);6.8661(0.5);6.8407(0.5);6.7933(1.2);6.7749(1.1);5.7551(0.4);5.2322(0.5);5.2138(0.5);4.2667(0.5);4.2575(0.5);4.2498(0.6);4.2380(0.7);4.2252(0.4);4.2173(0.6);3.5677(5.0);3.3190(47.9);3.0537(16.0);2.6747(0.4);2.6701(0.6);2.6656(0.4);2.5235(1.3);2.5099(32.8);2.5056(69.2);2.5011(93.6);2.4966(68.7);2.4922(34.2);2.3633(0.6);2.3451(2.6);2.3280(0.8);2.3235(0.6);2.1902(0.4);2.1802(0.3);2.1680(0.3);2.0341(0.4);1.3975(0.9);1.3203(1.7);1.2826(8.0);0.8894(0.7);0.1460(0.4);0.0079(3.1);-0.0002(94.5);-0.0084(4.2);-0.1497(0.4)
671	3.00		671: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0854(0.5);9.0650(0.5);8.6944(0.6);8.5236(3.9);8.2521(1.7);8.2292(1.8);7.7986(0.6);7.7790(1.0);7.7534(1.9);7.7395(0.5);7.7304(2.0);7.7225(1.0);7.7009(0.6);7.6084(0.8);7.3380(0.8);7.3199(0.9);7.1766(0.5);7.1728(0.4);7.1553(0.9);7.1381(0.5);7.1340(0.5);6.9150(0.6);6.8944(1.0);6.8759(0.5);6.7934(1.3);6.7728(1.1);5.7556(0.5);5.2278(0.6);5.2078(0.6);4.2631(0.6);4.2545(0.6);4.2459(0.7);4.2376(0.8);4.2136(0.5);3.3202(122.1);3.0699(16.0);3.0549(2.9);2.6746(0.7);2.6700(0.9);2.6656(0.7);2.5233(2.3);2.5098(55.6);2.5055(115.1);2.5011(154.0);2.4966(112.5);2.4923(56.1);2.3322(0.6);2.3278(0.9);2.3234(0.7);2.1869(0.4);2.1780(0.4);2.1659(0.4);2.0309(0.4);0.8892(0.7);0.1457(0.7);0.0077(4.8);-0.0002(143.2);-0.0084(6.6);-0.1498(0.7)
672	2.20		672: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0722(0.4);9.0608(0.9);9.0405(0.9);8.5074(3.8);8.1786(1.6);8.1557(1.9);7.6922(1.9);7.6693(1.8);7.3389(0.8);7.3198(0.9);7.1783(0.4);7.1747(0.4);7.1572(0.8);7.1400(0.5);7.1359(0.5);7.0250(1.5);6.9161(0.6);6.8975(1.1);6.8814(0.5);6.8787(0.5);6.8394(1.0);6.8085(1.0);6.7953(1.3);6.7748(1.1);6.3561(0.3);5.2342(0.5);5.2146(0.5);4.2667(0.5);4.2568(0.5);4.2498(0.7);4.2396(0.8);4.2261(0.5);4.2188(0.6);3.3229(33.8);3.0542(16.0);2.5234(0.5);2.5097(11.7);2.5056(24.2);2.5011(32.4);2.4966(23.8);2.4923(11.9);2.3130(4.7);2.3061(4.8);2.1910(0.3);2.1813(0.4);2.1686(0.4);2.1573(1.8);2.0410(0.3);2.0334(0.4);1.2344(0.4);0.0079(1.1);-0.0002(31.5);-0.0084(1.4)

673	2.73		673: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.0829(2.0);9.0626(2.0);8.4835(6.9);8.4575(1.2);8.4426(1.3);8.4336(1.3);8.4188(1.2);7.8687(0.8);7.8560(1.6);7.8426(0.8);7.6931(16.0);7.5995(1.6);7.5762(3.1);7.5529(2.2);7.5258(0.6);7.5058(0.5);7.4980(0.5);7.4886(0.4);7.4803(0.5);7.4548(3.8);7.4504(3.9);7.2728(1.8);7.2546(1.9);7.1790(0.9);7.1752(0.9);7.1581(1.8);7.1405(1.2);7.1365(1.1);6.9004(1.4);6.8818(2.3);6.8654(1.0);6.8631(1.1);6.7942(2.6);6.7756(2.3);6.2176(2.4);6.2126(4.3);6.2077(2.5);5.7555(10.1);5.2284(0.5);5.2139(1.2);5.1949(1.2);5.1806(0.5);4.4965(0.6);4.4922(0.6);4.4773(1.9);4.4617(4.2);4.4463(2.1);4.2421(1.9);4.2296(3.2);4.2156(2.5);3.8610(1.0);3.8460(2.6);3.8316(2.5);3.8166(0.9);3.3249(29.4);2.6705(0.3);2.5239(0.8);2.5189(1.2);2.5103(18.1);2.5061(37.6);2.5017(50.5);2.4972(37.0);2.4929(18.4);2.1465(0.6);2.1327(0.6);2.1260(0.6);2.1119(0.9);2.0972(0.9);2.0828(0.3);2.0328(0.4);2.0199(0.8);2.0077(0.9);1.9943(0.6);1.9858(0.6);1.9715(0.5);1.3520(0.8);1.2586(0.4);1.2276(0.9);0.0072(2.0);-0.0002(60.0);-0.0084(2.8)
674	4.13		674: ^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.2997(1.7);9.2792(1.7);8.6010(6.9);8.3134(2.8);8.2904(3.1);7.7458(3.3);7.7229(3.2);7.6789(2.2);7.6743(4.1);7.6696(2.4);7.6590(0.4);7.6355(0.7);7.5524(0.4);7.3767(1.8);7.3464(1.8);7.3278(1.8);7.1892(0.9);7.1856(0.9);7.1683(1.7);7.1509(1.1);7.1473(1.0);6.9239(1.2);6.9054(2.1);6.8889(1.0);6.8866(1.0);6.8042(2.4);6.7835(2.0);5.7555(1.3);5.2834(0.5);5.2687(1.0);5.2494(1.1);5.2346(0.6);5.1224(1.1);5.1071(2.5);5.0920(1.1);4.2941(0.5);4.2867(0.5);4.2744(1.1);4.2654(1.0);4.2580(1.2);4.2502(1.4);4.2432(1.2);4.2303(0.9);4.2227(1.1);4.2024(0.4);4.1950(0.3);3.7342(0.3);3.7229(0.4);3.7106(0.4);3.6435(0.8);3.6309(2.1);3.6172(2.4);3.6039(1.3);3.5678(16.0);3.5277(2.0);3.5149(2.7);3.5038(1.3);3.3194(58.5);3.0752(0.5);3.0653(1.3);3.0459(13.7);2.6748(0.7);2.6702(1.0);2.6658(0.7);2.5097(63.1);2.5057(123.7);2.5013(161.6);2.4968(118.2);2.3325(0.7);2.3281(0.9);2.3237(0.7);2.2229(0.5);2.2097(0.7);2.2002(0.7);2.1882(0.8);2.1771(0.6);2.1664(0.4);2.0605(0.7);2.0529(0.8);2.0428(0.6);2.0365(0.6);2.0267(0.6);2.0185(0.6);1.2586(0.5);1.2492(0.6);1.2355(1.6);0.1461(0.6);0.0077(5.9);0.0000(131.3);-0.0081(7.0);-0.1495(0.6)
377		LC-MS (Method L2): R_t = 2.83 min; m/z = 473 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.97 (s, 1H), 8.22 (m, 1H), 8.09 (d, *J* = 1.1 Hz, 1H), 7.68 (d, *J* = 6.3 Hz, 1H), 7.60 (m, 1H), 7.29 (d, *J* = 7.4 Hz, 1H), 7.26 – 7.16 (m, 2H), 6.96 – 6.81 (m, 3H), 5.41 – 5.33 (m, 1H), 4.34 (m, 1H), 4.19 (m, 1H), 3.96 (s, 3H), 3.13 (s, 6H), 2.44 – 2.33 (m, 1H), 2.25 – 2.15 (m, 1H).
378		LC-MS (Method L2): R_t = 2.82 min; m/z = 450 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.91 (s, 1H), 8.77 (d, *J* = 5.0 Hz, 1H), 8.25 (m, 1H), 8.03 (s, 1H), 7.79 (m, 1H), 7.72 (m, 1H), 7.67 – 7.59 (m, 1H), 7.31 (d, *J* = 7.3 Hz, 1H), 7.24 – 7.17 (m, 1H), 7.13 (d, *J* = 7.5 Hz, 1H), 6.98 – 6.90 (m, 1H), 6.87 (d, *J* = 8.2 Hz, 1H), 5.37 (q, *J* = 5.4 Hz, 1H), 4.35 (m, 1H), 4.21 (m, 1H), 3.15 (s, 6H), 2.46 – 2.34 (m, 1H), 2.22 (m, 1H).
379		LC-MS (Method L2): R_t = 2.08 min; m/z = 440 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.01 (s, 1H), 8.15 (t, *J* = 6.3 Hz, 2H), 7.68 (d, *J* = 6.3 Hz, 1H), 7.62 – 7.54 (m, 1H), 7.41 (d, *J* = 7.3 Hz, 1H), 7.30 (d, *J* = 7.5 Hz, 1H), 7.21 (t, *J* = 7.7 Hz, 1H), 6.90 (m, 3H), 6.76 (s, 1H), 5.38 (q, *J* = 5.4 Hz, 1H), 4.48 (s, 2H), 4.35 (m, 1H), 4.25 – 4.16 (m, 1H), 3.12 (s, 6H), 2.39 (m, 1H), 2.21 (m, 1H).
380		LC-MS (Method L2): R_t = 2.24 min; m/z = 439 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.00 (s, 1H), 8.58 (d, *J* = 5.1 Hz, 1H), 8.18 (m, 1H), 7.69 (m, 1H), 7.59 (m, 1H), 7.43 – 7.28 (m, 4H), 7.24 – 7.17 (m, 1H), 6.97 – 6.83 (m, 2H), 5.38 (q, *J* = 5.4 Hz, 1H), 4.35 (m, 1H), 4.20 (m, 1H), 3.13 (s, 6H), 2.63 (s, 3H), 2.45 – 2.34 (m, 1H), 2.22 (m, 1H).
381		LC-MS (Method L2): R_t = 2.26 min; m/z = 439 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.92 (s, 1H), 8.52 – 8.43 (m, 2H), 8.20 (m, 1H), 7.63 – 7.56 (m, 1H), 7.52 (m, 1H), 7.31 (m, 2H), 7.23 – 7.17 (m, 1H), 7.14 (d, *J* = 4.8 Hz, 1H), 6.96 – 6.82 (m, 2H), 5.37 (q, *J* = 5.4 Hz, 1H), 4.34 (m, 1H), 4.19 (m, 1H), 3.15 (s, 6H), 2.38 (m 1H), 2.26 – 2.15 (m, 1H), 2.01 (s, 3H).
382		LC-MS (Method L2): R_t = 2.63 min; m/z = 259 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.91 (s, 1H), 8.70 (s, 1H), 8.55 (d, *J* = 4.9 Hz, 1H), 8.28 – 8.20 (m, 1H), 7.65 – 7.57 (m, 2H), 7.35 – 7.27 (m, 2H), 7.24 – 7.14 (m, 2H), 6.92 (m, 1H), 6.86 (d, *J* = 8.2 Hz, 1H), 5.41 – 5.33 (m, 1H), 4.39 – 4.29 (m, 1H), 4.19 (m, 1H), 3.15 (s, 6H), 2.44 – 2.33 (m, 1H), 2.20 (m, 1H).

383		LC-MS (Method L2): R_t = 2.59 min; m/z = 443 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.94 (s, 1H), 8.55 (s, 1H), 8.49 (d, *J* = 4.8 Hz, 1H), 8.23 (m, 1H), 7.70 (d, *J* = 6.9 Hz, 1H), 7.61 (m, 1H), 7.45 – 7.38 (m, 1H), 7.29 (d, *J* = 7.6 Hz, 1H), 7.25 (d, *J* = 6.5 Hz, 1H), 7.23 – 7.16 (m, 1H), 6.92 (m, 1H), 6.86 (d, *J* = 8.2 Hz, 1H), 5.41 – 5.32 (m, 1H), 4.34 (m, 1H), 4.19 (m, 1H), 3.14 (s, 6H), 2.44 – 2.33 (m, 1H), 2.21 (m, 1H).
387		LC-MS (Method M14): Rt = 1.40 min; m/z = 469 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.05-2.10 (m, 1H), 2.19-2.24 (m, 1H), 2.44 (s, 3H), 3.09 (s, 6H), 4.23-4.30 (m, 2H), 5.26 (q, 1H), 6.81 (d, 1H), 6.94 (t, 1H), 7.19 (t, 1H), 7.39 (d, 1H), 7.66 (t, 1H), 7.99 (s, 1H), 8.20 (d, 1H), 8.46 (d, 1H), 8.73 (s, 1H), 9.17 (d, 1H).
388		LC-MS (Method M24): Rt = 1.27 min; m/z = 458 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.04-2.08 (m, 1H), 2.16-2.23 (m, 4H), 2.41 (s, 3H), 3.05 (s, 6H), 4.22-4.30 (m, 2H), 5.26 (q, 1H), 6.72 (s, 1H), 6.80 (s, 1H), 6.94 (t, 1H), 7.17 (t, 1H), 7.36 (d, 1H), 7.58-7.62 (m, 2H), 7.13-7.17 (m, 1H), 8.56 (s, 1H), 9.09 (d, 1H).
389		LC-MS (Method M23): Rt = 1.65 min; m/z = 455 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.06-2.09 (m, 1H), 2.20-2.22 (m, 1H), 3.10 (s, 6H), 4.25-4.29 (m, 2H), 5.26 (q, 1H), 6.81 (d, 1H), 6.96 (t, 1H), 7.18 (t, 1H), 7.40 (d, 1H), 7.67 (t, 1H), 7.97 (d, 1H), 8.11 (d, 1H), 8.21 (d, 1H), 8.53 (d, 1H), 8.75 (s, 1H), 9.18 (d, 1H).
390		LC-MS (Method M23): Rt = 1.67 min; m/z = 464 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.08-2.09 (m, 1H), 2.20-2.23 (m, 1H), 3.07 (s, 6H), 4.25-4.30 (m, 2H), 5.26 (q, 1H), 6.81 (d, 1H), 6.94 (t, 1H), 7.16-7.21 (m, 2H), 7.40 (d, 1H), 7.61 (t, 1H), 7.81 (d, 1H), 8.10 (d, 1H), 8.33 (d, 1H), 8.70 (s, 1H), 9.15 (d, 1H).
391		LC-MS (Method M14): Rt = 1.01 min; m/z = 444 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.05-2.10 (m, 1H), 2.18-2.24 (m, 1H), 2.49 (s, 3H), 3.05 (s, 6H), 4.25-4.30 (m, 2H), 5.27 (q, 1H), 6.80-6.85 (m, 2H), 6.95 (t, 1H), 7.19 (t, 1H), 7.39 (d, 1H), 7.57 (t, 1H), 7.66 (d, 1H), 8.05 (d, 1H), 8.15 (d, 1H), 8.67 (s, 1H), 9.14 (d, 1H).
399		LC-MS (Method L2): R_t = 2.31 min; m/z = 510 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.02 (s, 1H), 8.29 (d, *J* = 5.1 Hz, 1H), 8.16 (d, *J* = 8.4 Hz, 1H), 7.70 (d, *J* = 7.0 Hz, 1H), 7.63 – 7.54 (m, 1H), 7.33 (m, 2H), 7.21 (t, *J* = 7.7 Hz, 1H), 6.91 (m, 4H), 5.38 (q, *J* = 5.4 Hz, 1H), 4.40 – 4.31 (m, 1H), 4.26 – 4.16 (m, 1H), 3.88 – 3.79 (m, 4H), 3.59 – 3.51 (m, 4H), 3.13 (s, 6H), 2.40 (m, 1H), 2.27 – 2.17 (m, 1H).
400		LC-MS (Method L2): R_t = 2.86 min; m/z = 489 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.95 (s, 1H), 8.27 – 8.18 (m, 2H), 7.58 (q, *J* = 4.5 Hz, 2H), 7.29 (d, *J* = 7.6 Hz, 1H), 7.20 (t, *J* = 7.2 Hz, 2H), 6.92 (t, *J* = 7.5 Hz, 1H), 6.86 (d, *J* = 8.2 Hz, 1H), 6.78 (s, 1H), 5.37 (q, *J* = 5.4 Hz, 1H), 4.33 (m, 1H), 4.24 – 4.13 (m, 1H), 3.96 (s, 3H), 3.14 (s, 6H), 2.44 – 2.33 (m, 1H), 2.25 – 2.14 (m, 1H).
401		LC-MS (Method L9): R_t = 3.59 min; m/z = 455 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.96 (s, 1H), 8.41 – 8.25 (m, 2H), 8.18 (d, *J* = 8.2 Hz, 1H), 7.59 (m, 3H), 7.30 (d, *J* = 7.6 Hz, 1H), 7.21 (m, 2H), 6.97 – 6.83 (m, 2H), 5.37 (q, *J* = 5.4 Hz, 1H), 4.34 (m, 1H), 4.25 – 4.16 (m, 1H), 3.77 (s, 3H), 3.13 (s, 6H), 2.39 (m, 1H), 2.26 – 2.15 (m, 1H).
402		LC-MS (Method L2): R_t = 2.25 min; m/z = 455 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.96 (s, 1H), 8.63 (d, *J* = 5.0 Hz, 1H), 8.19 (d, *J* = 8.4 Hz, 1H), 7.71 (d, *J* = 7.0 Hz, 1H), 7.60 (t, *J* = 7.8 Hz, 1H), 7.50 (s, 1H), 7.47 (d, *J* = 5.0 Hz, 1H), 7.30 (d, *J* = 7.5 Hz, 2H), 7.21 (t, *J* = 7.7 Hz, 1H), 6.93 (t, *J* = 7.5 Hz, 1H), 6.86 (d, *J* = 8.2 Hz, 1H), 5.42 – 5.33 (m, 1H), 4.83 (s, 2H), 4.39 – 4.30 (m, 1H), 4.25 – 4.15 (m, 1H), 3.14 (s, 6H), 2.39 (m, 1H), 2.26 – 2.16 (m, 1H), 1.68 (s, 1H).
403		LC-MS (Method L2): R_t = 2.89 min; m/z = 461 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.91 (s, 1H), 8.46 (s, 2H), 8.28 (d, *J* = 8.5 Hz, 1H), 7.71 (d, *J* = 6.9 Hz, 1H), 7.68 – 7.60 (m, 1H), 7.29 (d, *J* = 7.6 Hz, 1H), 7.24 – 7.12 (m, 2H), 6.92 (t, *J* = 7.5 Hz, 1H), 6.86 (d, *J* = 8.2 Hz, 1H), 5.37 (q, *J* = 5.4 Hz, 1H), 4.34 (m, 1H), 4.24 – 4.14 (m, 1H), 3.15 (s, 6H), 2.38 (m, 1H), 2.21 (m, 1H).
413		LC-MS (Method L2): R_t = 3.02 min; m/z = 461 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.94 (s, 1H), 8.24 (m, 1H), 7.72 (m, 1H), 7.65 – 7.57 (m, 1H), 7.30 (d, *J* = 7.6 Hz, 1H), 7.25 – 7.17 (m, 1H), 7.12 (s, 3H), 6.94 (t, *J* = 7.5 Hz, 1H), 6.87 (d, *J* = 8.2 Hz, 1H), 5.38 (q, *J* = 5.4 Hz, 1H), 4.35 (m, 1H), 4.21 (m, 1H), 3.15 (s, 6H), 2.46 – 2.34 (m, 1H), 2.22 (m, 1H).
414		LC-MS (Method L2): R_t = 2.97 min; m/z = 477 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.91 (s, 1H), 8.32 – 8.22 (m, 2H), 7.70 (d, *J* = 6.9 Hz, 1H), 7.66 – 7.58 (m, 1H), 7.36 (t, *J* = 4.8 Hz, 1H), 7.30 (d, *J* = 7.5 Hz, 1H), 7.25 – 7.17 (m, 1H), 7.12 (d, *J* = 7.4 Hz, 1H), 6.93 (t, *J* = 7.5 Hz, 1H), 6.87 (d, *J* = 8.2 Hz, 1H), 5.37 (q, *J* = 5.3 Hz, 1H), 4.35 (m, 1H), 4.20 (m, 1H), 3.15 (s, 6H), 2.39 (m, 1H), 2.21 (m, 1H).

415		LC-MS (Method L2): R_t = 3.02 min; m/z = 493 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.88 (s, 1H), 8.47 (s, 1H), 8.25 (m, 1H), 7.65 – 7.56 (m, 2H), 7.36 (s, 1H), 7.29 (d, *J* = 7.5 Hz, 1H), 7.24 – 7.17 (m, 1H), 7.09 (d, *J* = 7.5 Hz, 1H), 6.92 (t, *J* = 7.2 Hz, 1H), 6.86 (d, *J* = 8.2 Hz, 1H), 5.37 (q, *J* = 5.3 Hz, 1H), 4.34 (m, 1H), 4.19 (m, 1H), 3.16 (s, 6H), 2.39 (m, 1H), 2.20 (m, 1H).
416		LC-MS (Method L2): R_t = 3.14 min; m/z = 501 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.98 (s, 1H), 8.21 (m, 1H), 8.09 – 8.03 (m, 1H), 7.67 (d, *J* = 6.3 Hz, 1H), 7.63 – 7.55 (m, 1H), 7.30 (d, *J* = 7.6 Hz, 1H), 7.25 – 7.16 (m, 2H), 6.96 – 6.83 (m, 2H), 6.76 (d, *J* = 4.8 Hz, 1H), 5.37 (q, *J* = 5.4 Hz, 1H), 5.27 (m, 1H), 4.34 (m, 1H), 4.19 (m, 1H), 3.13 (s, 6H), 2.38 (m, 1H), 2.20 (m, 1H), 1.37 (d, *J* = 6.2 Hz, 6H).
429		LC-MS (Method L2): R_t = 3.017 min; m/z = 508/510/512 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.23 (s, 1H), 9.07 (d, *J* = 8.2 Hz, 1H), 8.44 (s, 1H), 7.69 – 7.55 (m, 3H), 7.49 (d, *J* = 2.6 Hz, 1H), 7.36 (d, *J* = 7.5 Hz, 1H), 7.31 (d, *J* = 2.6 Hz, 1H), 7.17 (t, *J* = 7.3 Hz, 1H), 6.92 (t, *J* = 7.4 Hz, 1H), 6.79 (d, *J* = 8.2 Hz, 1H), 5.24 (q, *J* = 5.9 Hz, 1H), 4.29 – 4.15 (m, 2H), 2.99 (s, 6H), 2.29 – 2.12 (m, 1H), 2.10 – 1.96 (m, 1H).
433		LC-MS (Method L2): R_t = 3.189 min; m/z = 560 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.10 (d, *J* = 8.1 Hz, 1H), 8.50 (d, *J* = 0.8 Hz, 1H), 8.29 – 8.21 (m, 1H), 7.95 – 7.87 (m, 1H), 7.66 – 7.58 (m, 2H), 7.52 – 7.43 (m, 1H), 7.33 (d, *J* = 7.7 Hz, 1H), 7.27 – 7.19 (m, 1H), 7.15 (t, *J* = 7.1 Hz, 1H), 6.90 (t, *J* = 7.4 Hz, 1H), 6.78 (d, *J* = 8.0 Hz, 1H), 5.27 – 5.17 (m, 1H), 4.32 – 4.16 (m, 2H), 3.07 (s, 6H), 2.24 – 2.12 (m, 1H), 2.08 – 1.96 (m, 1H).
434		LC-MS (Method L2): R_t = 2.894 min; m/z = 510 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.10 (d, *J* = 8.1 Hz, 1H), 8.50 (d, *J* = 0.8 Hz, 1H), 8.29 – 8.21 (m, 1H), 7.95 – 7.87 (m, 1H), 7.66 – 7.58 (m, 2H), 7.52 – 7.43 (m, 1H), 7.33 (d, *J* = 7.7 Hz, 1H), 7.27 – 7.19 (m, 1H), 7.15 (t, *J* = 7.1 Hz, 1H), 6.90 (t, *J* = 7.4 Hz, 1H), 6.78 (d, *J* = 8.0 Hz, 1H), 5.27 – 5.17 (m, 1H), 4.32 – 4.16 (m, 2H), 3.07 (s, 6H), 2.24 – 2.12 (m, 1H), 2.08 – 1.96 (m, 1H).
435		LC-MS (Method L2): R_t = 2.808 min; m/z = 483/485 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.10 (d, *J* = 8.2 Hz, 1H), 8.53 (s, 1H), 8.32 – 8.23 (m, 1H), 7.96 – 7.84 (m, 2H), 7.80 (d, *J* = 8.3 Hz, 1H), 7.71 – 7.62 (m, 2H), 7.34 (d, *J* = 7.4 Hz, 1H), 7.16 (t, 1H), 6.91 (t, 1H), 6.79 (d, 1H), 5.29 – 5.17 (m, 1H), 4.33 – 4.17 (m, 2H), 3.08 (s, 6H), 2.25 – 2.13 (m, 1H), 2.10 – 1.95 (m, 1H).
436		LC-MS (Method L2): R_t = 2.711 min; m/z = 456 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.08 (d, *J* = 8.2 Hz, 1H), 8.53 (s, 1H), 8.22 (dd, *J* = 8.4, 1.4 Hz, 1H), 7.66 – 7.60 (m, 1H), 7.59 – 7.53 (m, 1H), 7.37 – 7.26 (m, 2H), 7.20 – 7.07 (m, 2H), 6.97 (d, *J* = 9.3 Hz, 1H), 6.91 (t, *J* = 7.5, 1.0 Hz, 1H), 6.79 (d, 1H), 5.28 – 5.19 (m, 1H), 4.32 – 4.18 (m, 2H), 3.07 (s, 6H), 2.25 – 2.13 (m, 1H), 2.11 – 1.97 (m, 1H), 1.90 (s, 3H).
437		LC-MS (Method L2): R_t = 2.763 min; m/z = 456 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.08 (d, *J* = 8.2 Hz, 1H), 8.54 (s, 1H), 8.22 (dd, *J* = 8.0, 2.0 Hz, 1H), 7.69 – 7.59 (m, 2H), 7.35 (d, *J* = 7.5 Hz, 1H), 7.28 – 7.07 (m, 4H), 6.91 (t, *J* = 7.5, 1.1 Hz, 1H), 6.79 (d, *J* = 8.2, 0.9 Hz, 1H), 5.29 – 5.20 (m, 1H), 4.33 – 4.19 (m, 2H), 3.07 (s, 6H), 2.34 (s, 3H), 2.26 – 2.13 (m, 1H), 2.11 – 1.99 (m, 1H).
441		LC-MS (Method M22): Rt = 1.67 min; m/z = 540 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.03-2.09 (m, 1H), 2.20-2.25 (m, 1H), 3.27-3.29 (m, 4H), 3.86-3.88 (m, 4H), 4.21-4.29 (m, 2H), 5.26 (q, 1H), 6.80 (d, 1H), 6.94 (t, 1H), 7.18 (t, 1H), 7.24 (s, 1H), 7.38 (d, 1H), 7.70 (t, 1H), 7.79 (d, 1H), 8.28 (d, 1H), 8.67 (s, 1H), 9.19 (d, 1H).
442		LC-MS (Method M22): Rt = 1.46 min; m/z = 506 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.07-2.08 (m, 1H), 2.21-2.23 (m, 1H), 3.29-3.31 (m, 4H), 3.87-3.88 (m, 4H), 4.22-4.31 (m, 2H), 5.27 (q, 1H), 6.80 (d, 1H), 6.93 (t, 1H), 7.17-7.20 (m, 2H), 7.39 (d, 1H), 7.71 (t, 1H), 7.81 (d, 1H), 7.92 (d, 1H), 8.30 (d, 1H), 8.67 (s, 1H), 9.21 (d, 1H).
443		LC-MS (Method M22): Rt = 1.84 min; m/z = 506 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.07-2.12 (m, 1H), 2.21-2.26 (m, 1H), 3.28-3.30 (m, 4H), 3.87-3.90 (m, 4H), 4.23-4.31 (m, 2H), 5.28 (q, 1H), 6.81 (d, 1H), 6.96 (t, 1H), 7.17-7.21 (m, 2H), 7.42 (d, 1H), 7.67 (t, 1H), 7.83 (d, 1H), 8.14 (d, 1H), 8.37 (d, 1H), 8.77 (s, 1H), 9.24 (d, 1H).
456		LC-MS (Method L2): Rt = 2.76 min, m/z = 445 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.14 (d, *J* = 8.2 Hz, 1H), 8.67 (s, 1H), 8.38 (s, 1H), 8.28 (d, *J* = 7.3 Hz, 1H), 8.13 (d, *J* = 8.4 Hz, 1H), 7.65 – 7.57 (m, 1H), 7.39 (d, *J* = 7.2 Hz, 1H), 7.22 – 7.15 (m, 1H), 6.95 (t, *J* = 7.4 Hz, 1H), 6.81 (d, *J* = 8.2 Hz, 1H), 5.30 – 5.22 (m, 1H), 4.34 – 4.21 (m, 2H), 3.07 (s, 6H), 2.68 (s, 3H), 2.27 – 2.16 (m, 1H), 2.12 – 2.01 (m, 1H).
457		LC-MS (Method L2): R_t = 3.33 min; m/z = 464 $(M+H)^+$ with Cl pattern.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.05 (s, 1H), 8.03 (m, 2H), 7.58 (d, *J* = 1.5 Hz, 1H), 7.53 (m, 1H), 7.39 (d, *J* = 7.4 Hz, 1H), 7.32 (d, *J* = 7.6 Hz, 1H), 7.26 – 7.17 (m, 2H), 6.95 (m, 1H), 6.88 (d, *J* = 8.2 Hz, 1H), 5.38 (q, *J* = 5.3 Hz, 1H), 4.41 – 4.31 (m, 1H), 4.22 (m, 1H), 3.11 (s, 6H), 2.45 – 2.34 (m, 1H), 2.23 (m, 1H).

458		LC-MS (Method L2): R_t = 3.82 min; m/z = 498 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.02 (s, 1H), 8.14 – 8.04 (m, 2H), 7.66 – 7.59 (m, 1H), 7.55 (m, 1H), 7.48 – 7.41 (m, 1H), 7.32 (d, *J* = 7.7 Hz, 1H), 7.26 – 7.17 (m, 2H), 6.95 (m, 1H), 6.91 – 6.84 (m, 1H), 5.42 – 5.33 (m, 1H), 4.41 – 4.32 (m, 1H), 4.22 (m, 1H), 3.12 (s, 6H), 2.46 – 2.34 (m, 1H), 2.28 – 2.16 (m, 1H); contains 2.6% (w/w) EtOAc and 0.2% (w/w) DIP.
459		LC-MS (Method L2): R_t = 3.26 min; m/z = 448 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.04 (s, 1H), 8.00 (m, 2H), 7.56 – 7.49 (m, 1H), 7.46 (d, *J* = 7.4 Hz, 1H), 7.36 – 7.29 (m, 2H), 7.25 – 7.17 (m, 1H), 6.95 (m, 1H), 6.88 (d, *J* = 8.2 Hz, 1H), 6.52 (m, 1H), 5.38 (q, *J* = 5.3 Hz, 1H), 4.41 – 4.31 (m, 1H), 4.22 (m, 1H), 3.10 (s, 6H), 2.45 – 2.34 (m, 1H), 2.28 – 2.17 (m, 1H).
460		LC-MS (Method L2): R_t = 2.96 min; m/z = 493 $(M+H)^+$ with 2*Cl pattern.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.86 (s, 1H), 8.65 – 8.59 (m, 2H), 8.27 (m, 1H), 7.64 (m, 1H), 7.55 (m, 1H), 7.28 (d, *J* = 7.8 Hz, 1H), 7.24 – 7.17 (m, 1H), 7.06 (d, *J* = 7.5 Hz, 1H), 6.92 (m, 1H), 6.86 (d, *J* = 8.3 Hz, 1H), 5.37 (q, *J* = 5.3 Hz, 1H), 4.38 – 4.30 (m, 1H), 4.19 (m, 1H), 3.17 (s, 6H), 2.44 – 2.33 (m, 1H), 2.20 (m, 1H).
461		LC-MS (Method L2): R_t = 3.774 min; m/z = 602 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.19 (t, 1H), 8.57 (d, *J* = 2.4 Hz, 1H), 8.35 – 8.28 (m, 1H), 8.15 – 8.08 (m, 1H), 8.06 – 8.00 (m, 1H), 7.74 – 7.65 (m, 3H), 7.35 (d, *J* = 7.7 Hz, 1H), 7.16 (t, *J* = 7.6 Hz, 1H), 6.90 (t, *J* = 7.4 Hz, 1H), 6.78 (d, *J* = 8.1 Hz, 1H), 5.27 – 5.19 (m, 1H), 4.31 – 4.17 (m, 2H), 3.94 - 3.85 (m, 4H), 3.37 – 3.22 (m, 4H; coinicdes with water signal), 2.26 – 2.15 (m, 1H), 2.09 – 1.97 (m, 1H).
462		LC-MS (Method L2): R_t = 3.556 min; m/z = 534/536/538 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.18 (d, *J* = 8.2 Hz, 1H), 8.60 (s, 1H), 8.33 – 8.25 (m, 1H), 7.73 – 7.66 (m, 2H), 7.62 – 7.56 (m, 1H), 7.52 (dd, *J* = 8.6, 2.5 Hz, 1H), 7.44 (bs, 1H), 7.37 (d, *J* = 7.3 Hz, 1H), 7.16 (t, 1H), 6.92 (t, *J* = 7.3 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.29 – 5.20 (m, 1H), 4.33 – 4.19 (m, 2H), 3.94 – 3.81 (m, 4H), 3.36 – 3.22 (m, 4H; coincides with water signal), 2.27 – 2.15 (m, 1H), 2.11 – 1.99 (m, 1H).
463		LC-MS (Method L2): R_t = 3.464 min; m/z = 552 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.19 (d, *J* = 8.2 Hz, 1H), 8.57 (d, *J* = 2.4 Hz, 1H), 8.29 (dd, *J* = 7.8, 2.1 Hz, 1H), 7.92 (dt, *J* = 9.2, 4.9 Hz, 1H), 7.71 – 7.62 (m, 2H), 7.49 (td, *J* = 8.5, 2.3 Hz, 1H), 7.35 (dd, *J* = 7.1, 2.8 Hz, 1H), 7.24 (ddd, *J* = 17.1, 9.3, 2.5 Hz, 1H), 7.18 – 7.11 (m, 1H), 6.91 (t, *J* = 7.4 Hz, 1H), 6.78 (d, *J* = 8.1 Hz, 1H), 5.28 – 5.20 (m, 1H), 4.32 – 4.18 (m, 2H), 3.94 – 3.82 (m, 4H), 3.37 – 3.21 (m, 4H; coincides with water signal), 2.28 – 2.15 (m, 1H), 2.09 – 1.98 (m, 1H).
464		LC-MS (Method L2): R_t = 3.359 min; m/z = 525/527 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.18 (d, *J* = 8.2 Hz, 1H), 8.59 (s, 1H), 8.35 – 8.28 (m, 1H), 7.93 (dd, *J* = 8.3, 2.0 Hz, 1H), 7.89 (s, 1H), 7.80 (d, *J* = 8.3 Hz, 1H), 7.72 (d, *J* = 5.1 Hz, 2H), 7.36 (d, *J* = 7.2 Hz, 1H), 7.16 (t, 1H), 6.91 (t, *J* = 7.3 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.25 (q, *J* = 5.8 Hz, 1H), 4.33 – 4.19 (m, 2H), 3.94 – 3.85 (m, 4H), 3.37 – 3.22 (m, 4H; coincides with water signal), 2.27 – 2.16 (m, 1H), 2.10 – 1.99 (m, 1H).
465		LC-MS (Method L2): R_t = 3.263 min; m/z = 514/516 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.17 (d, *J* = 8.0 Hz, 1H), 8.58 (s, 1H), 8.26 (dd, *J* = 8.4, 1.3 Hz, 1H), 7.72 – 7.64 (m, 1H), 7.64 – 7.59 (m, 1H), 7.41 (d, *J* = 8.1 Hz, 1H), 7.36 (d, *J* = 7.3 Hz, 1H), 7.24 (dd, *J* = 8.3, 1.8 Hz, 1H), 7.21 – 7.11 (m, 2H), 6.91 (t, *J* = 7.3 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.30 – 5.21 (m, 1H), 4.33 – 4.19 (m, 2H), 3.93 – 3.80 (m, 4H), 3.36 – 3.21 (m, 4H; coincides with water signal), 2.33 (s, 3H), 2.27 – 2.15 (m, 1H), 2.10 – 1.99 (m, 1H).
466		LC-MS (Method L2): R_t = 3.112 min; m/z = 498 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.16 (d, *J* = 8.2 Hz, 1H), 8.59 (s, 1H), 8.26 (dd, *J* = 8.4, 1.3 Hz, 1H), 7.72 – 7.64 (m, 1H), 7.64 – 7.57 (m, 1H), 7.36 (d, *J* = 7.2 Hz, 1H), 7.31 (dd, *J* = 8.3, 6.2 Hz, 1H), 7.20 – 7.09 (m, 2H), 6.97 (d, *J* = 8.5 Hz, 1H), 6.91 (t, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.29 – 5.21 (m, 1H), 4.33 – 4.19 (m, 2H), 3.93 – 3.82 (m, 4H), 3.36 – 3.22 (m, 4H; coincides with water peak), 2.27 – 2.16 (m, 1H), 2.10 – 2.00 (m, 1H), 1.89 (s, 3H).
467		LC-MS (Method L2): R_t = 3.239 min; m/z = 498 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.17 (d, *J* = 8.2 Hz, 1H), 8.60 (s, 1H), 8.27 (dd, *J* = 7.4, 2.6 Hz, 1H), 7.74 – 7.65 (m, 2H), 7.37 (d, *J* = 7.1 Hz, 1H), 7.28 – 7.22 (m, 1H), 7.22 – 7.10 (m, 3H), 6.92 (t, *J* = 7.5, 1.0 Hz, 1H), 6.80 (d, 1H), 5.30 – 5.22 (m, 1H), 4.33 – 4.19 (m, 2H), 3.93 – 3.84 (m, 4H), 3.36 – 3.22 (m, 6H; coincides with water signal), 2.34 (s, 3H), 2.27 – 2.16 (m, 1H), 2.11 – 2.01 (m, 1H).

468		LC-MS (Method L2): R_t = 3.043 min; m/z = 494 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 9.15 (d, *J* = 8.1 Hz, 1H), 8.56 (s, 1H), 8.23 (dd, *J* = 8.5, 1.2 Hz, 1H), 7.66 (dd, *J* = 8.3, 7.1 Hz, 1H), 7.56 (dd, *J* = 7.0, 1.2 Hz, 1H), 7.36 (d, *J* = 7.4 Hz, 1H), 7.21 – 7.12 (m, 2H), 7.12 – 7.05 (m, 1H), 6.98 – 6.87 (m, 2H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.31 – 5.20 (m, 1H), 4.34 – 4.18 (m, 2H), 3.87 (s, 4H), 3.36 – 3.22 (m, 4H; coincides with water signal), 2.29 (s, 3H), 2.26 – 2.15 (m, 1H), 2.11 – 1.99 (m, 1H), 1.87 (d, *J* = 6.7 Hz, 3H).
469		LC-MS (Method L2): R_t = 2.944 min; m/z = 492/494/496 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 9.09 (d, *J* = 8.2 Hz, 1H), 8.53 (s, 1H), 8.30 – 8.20 (m, 1H), 7.65 (d, *J* = 5.1 Hz, 2H), 7.59 (d, *J* = 8.6 Hz, 1H), 7.51 (dd, *J* = 8.6, 2.6 Hz, 1H), 7.43 (bs, 1H), 7.34 (d, *J* = 7.4 Hz, 1H), 7.17 (t, 1H), 6.91 (t, *J* = 7.3 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.27 – 5.19 (m, 1H), 4.32 – 4.18 (m, 2H), 3.07 (s, 6H), 2.26 – 2.13 (m, 1H), 2.10 – 1.96 (m, 1H).
470		LC-MS (Method L9): R_t = 2.815 min; m/z = 472/474 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 9.09 (d, *J* = 8.1 Hz, 1H), 8.51 (s, 1H), 8.22 (dd, *J* = 8.3, 1.4 Hz, 1H), 7.67 – 7.55 (m, 2H), 7.40 (d, *J* = 8.0 Hz, 1H), 7.34 (d, *J* = 7.5 Hz, 1H), 7.23 (d, *J* = 8.2, 1.8 Hz, 1H), 7.20 – 7.10 (m, 2H), 6.91 (t, *J* = 7.4 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.28 – 5.19 (m, 1H), 4.32 – 4.19 (m, 2H), 3.07 (s, 6H), 2.33 (s, 3H), 2.25 – 2.14 (m, 1H), 2.09 – 1.97 (m, 1H).
471		LC-MS (Method L2): R_t = 2.770 min; m/z = 452 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 9.07 (d, *J* = 8.2 Hz, 1H), 8.50 (s, 1H), 8.19 (d, *J* = 7.6 Hz, 1H), 7.61 (t, 1H), 7.52 (d, *J* = 6.1 Hz, 1H), 7.34 (d, *J* = 7.5 Hz, 1H), 7.21 – 7.12 (m, 2H), 7.09 (d, *J* = 7.9 Hz, 1H), 6.98 – 6.86 (m, 2H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.29 – 5.18 (m, 1H), 4.32 – 4.17 (m, 2H), 3.06 (s, 6H), 2.29 (s, 3H), 2.25 – 2.13 (m, 1H), 2.09 – 1.97 (m, 1H), 1.88 (d, *J* = 7.0 Hz, 3H).
472		LC-MS (Method L2): R_t = 2.75 min; m/z = 485 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.03 (s, 1H), 8.15 (m, 1H), 7.68 (m, 1H), 7.57 (m, 1H), 7.38 (d, *J* = 7.5 Hz, 1H), 7.30 (d, *J* = 7.6 Hz, 1H), 7.24 – 7.17 (m, 1H), 6.93 (m, 1H), 6.87 (m, 1H), 6.55 (s, 2H), 5.38 (q, *J* = 5.4 Hz, 1H), 4.35 (m, 1H), 4.20 (m, 1H), 3.96 (s, 6H), 3.12 (s, 6H), 2.45 – 2.34 (m, 1H), 2.21 (m, 1H).
473		LC-MS (Method L2): R_t = 2.76 min; m/z = 473 $(M+H)^+$ with Cl pattern.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.97 (s, 1H), 8.20 (m, 1H), 7.68 (m, 1H), 7.59 (m, 1H), 7.40 (s, 1H), 7.34 (s, 1H), 7.31 (d, *J* = 7.7 Hz, 1H), 7.24 – 7.16 (m, 2H), 6.94 (m, 1H), 6.90 – 6.84 (m, 1H), 5.38 (q, *J* = 5.3 Hz, 1H), 4.40 – 4.31 (m, 1H), 4.21 (m, 1H), 3.14 (s, 6H), 2.61 (s, 3H), 2.46 – 2.34 (m, 1H), 2.22 (m, 1H).
474		LC-MS (Method L2): R_t = 2.54 min; m/z = 485 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.00 (s, 1H), 8.17 (m, 1H), 7.96 (d, *J* = 5.1 Hz, 1H), 7.65 (m, 1H), 7.58 (m, 1H), 7.42 (d, *J* = 7.5 Hz, 1H), 7.29 (d, *J* = 7.6 Hz, 1H), 7.24 – 7.16 (m, 1H), 6.92 (m, 1H), 6.89 – 6.83 (m, 2H), 5.37 (q, *J* = 5.4 Hz, 1H), 4.34 (m, 1H), 4.19 (m, 1H), 4.06 (s, 3H), 3.57 (s, 3H), 3.13 (s, 6H), 2.45 – 2.33 (m, 1H), 2.21 (m, 1H).
475		LC-MS (Method L2): R_t = 2.76 min; m/z = 489 $(M+H)^+$ with Cl pattern.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.94 (s, 1H), 8.25 – 8.18 (m, 1H), 8.13 (d, *J* = 5.1 Hz, 1H), 7.64 – 7.56 (m, 2H), 7.28 (d, *J* = 7.7 Hz, 1H), 7.26 – 7.15 (m, 2H), 6.95 – 6.89 (m, 2H), 6.86 (d, *J* = 8.2 Hz, 1H), 5.37 (q, *J* = 5.4 Hz, 1H), 4.34 (m, 1H), 4.19 (m, 1H), 4.08 (s, 3H), 3.14 (s, 6H), 2.44 – 2.32 (m, 1H), 2.20 (m, 1H).
476		LC-MS (Method L2): R_t = 2.91 min; m/z = 493 $(M+H)^+$ with 2*Cl pattern.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.88 (s, 1H), 8.36 (d, *J* = 4.8 Hz, 1H), 8.25 (m, 1H), 7.65 – 7.56 (m, 2H), 7.29 (d, *J* = 7.7 Hz, 1H), 7.25 (d, *J* = 4.8 Hz, 1H), 7.23 – 7.16 (m, 1H), 7.10 (d, *J* = 6.5 Hz, 1H), 6.92 (m, 1H), 6.89 – 6.83 (m, 1H), 5.37 (q, *J* = 5.3 Hz, 1H), 4.38 – 4.30 (m, 1H), 4.19 (m, 1H), 3.16 (s, 6H), 2.44 – 2.33 (m, 1H), 2.20 (m, 1H).
480		LC-MS (Method M22): Rt = 1.26 min; m/z = 500 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.05-2.06 (m, 1H), 2.16 (s, 3H), 2.19-2.21 (m, 1H), 2.42 (s, 3H), 3.26-3.30 (m, 4H), 3.85-3.88 (m, 4H), 4.24-4.28 (m, 2H), 5.25 (q, 1H), 6.72 (d, 1H), 6.80 (d, 1H), 6.94 (t, 1H), 7.18 (t, 1H), 7.38 (d, 1H), 7.62-7.65 (m, 2H), 8.20 (d, 1H), 8.63 (s, 1H), 9.16 (d, 1H).
491		LC-MS (Method L2): R_t = 3.75 min; m/z = 536 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.82 (d, *J* = 2.4 Hz, 1H), 8.29 (m, 1H), 7.56 (m, 1H), 7.44 (t, *J* = 8.8 Hz, 1H), 7.34 (m, 2H), 7.28 (s, 2H), 7.24 (m, 2H), 6.50 (d, *J* = 6.1 Hz, 1H), 5.72 (m, 1H), 3.94 (t, *J* = 3.9 Hz, 4H), 3.43 (m, 4H), 3.10 – 2.90 (m, 2H), 2.74 (m, 1H), 1.96 (m, 1H).
492		LC-MS (Method L2): R_t = 3.87 min; m/z = 550 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.83 (d, *J* = 1.1 Hz, 1H), 8.29 (m, 1H), 7.56 (m, 1H), 7.44 (t, *J* = 8.8 Hz, 1H), 7.33 (m, 2H), 7.25 – 7.08 (m, 4H), 6.65 – 6.54 (m, 1H), 5.45 – 5.36 (m, 1H), 4.12 (q, *J* = 7.2 Hz, 0H), 3.92 (m, 4H), 3.43 (m, 4H), 2.89 – 2.74 (m, 2H), 2.24 – 2.11 (m, 1H), 2.09 – 1.98 (m, 1H), 1.97 – 1.77 (m, 2H).

496		LC-MS (Method L2): Rt = 2.93 min, m/z = 564/566 $(M+H)^+$; Cl2 pattern.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.90 (d, *J* = 3.7 Hz, 1H), 7.55 – 7.47 (m, 2H), 7.36 (dd, *J* = 21.1, 7.6 Hz, 1H), 7.29 (d, *J* = 9.6 Hz, 2H), 7.24 – 7.18 (m, 2H), 6.99 (d, *J* = 8.1 Hz, 1H), 6.92 (t, *J* = 7.5 Hz, 1H), 6.87 (d, *J* = 8.3 Hz, 1H), 5.39 (q, *J* = 5.5 Hz, 1H), 4.39 – 4.30 (m, 1H), 4.24 – 4.16 (m, 1H), 4.06 (s, 3H), 3.76 (d, *J* = 4.1 Hz, 4H), 3.36 (d, *J* = 4.3 Hz, 4H), 2.49 – 2.32 (m, 1H), 2.28 – 2.16 (m, 1H).
497		LC-MS (Method L2): Rt = 2.92 min, m/z = 548 $(M+H)^+$; Cl pattern.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.93 (s, 1H), 7.60 (d, *J* = 8.1 Hz, 1H), 7.42 – 7.35 (m, 2H), 7.35 – 7.28 (m, 2H), 7.21 (t, *J* = 7.1 Hz, 1H), 7.10 (t, *J* = 8.9 Hz, 1H), 6.99 (d, *J* = 8.2 Hz, 1H), 6.92 (t, *J* = 7.5 Hz, 1H), 6.87 (d, *J* = 8.2 Hz, 1H), 5.39 (q, *J* = 5.2 Hz, 1H), 4.39 – 4.31 (m, 1H), 4.25 – 4.15 (m, 1H), 4.06 (s, 3H), 3.76 (d, *J* = 11.3, 6.7, 5.6 Hz, 4H), 3.34 (t, *J* = 4.3 Hz, 4H), 2.47 – 2.34 (m, 1H), 2.27 – 2.15 (m, 1H).
498		LC-MS (Method L2): R_t = 3.98 min; m/z = 564/566 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.18 (d, *J* = 8.2 Hz, 1H), 8.56 (s, 1H), 7.65 (d, *J* = 2.3 Hz, 3H), 7.53 (dd, *J* = 13.3, 2.7 Hz, 2H), 7.38 (d, *J* = 7.4 Hz, 1H), 7.17 (t, *J* = 7.2 Hz, 1H), 6.93 (t, *J* = 7.5 Hz, 1H), 6.80 (d, *J* = 8.1 Hz, 1H), 5.26 (q, *J* = 5.9 Hz, 1H), 4.34 – 4.20 (m, 2H), 3.98 (s, 3H), 3.88 (t, *J* = 4.0 Hz, 4H), 3.31 – 3.20 (m, 4H), 2.28 – 2.16 (m, 1H), 2.12 – 2.01 (m, 1H).
499		LC-MS (Method L2): R_t = 3.61 min; m/z = 564/566 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.22 – 9.11 (m, 1H), 8.45 (d, *J* = 1.6 Hz, 1H), 7.73 – 7.67 (m, 1H), 7.53 (d, *J* = 2.7 Hz, 1H), 7.47 – 7.40 (m, 1H), 7.35 (d, *J* = 7.1 Hz, 3H), 7.16 (t, *J* = 7.6 Hz, 1H), 6.91 (t, *J* = 7.4 Hz, 1H), 6.78 (d, *J* = 8.2 Hz, 1H), 5.25 (d, *J* = 6.2 Hz, 1H), 4.25 (dt, *J* = 7.8, 4.6 Hz, 2H), 3.97 (s, 3H), 3.88 (s, 4H), 3.30 – 3.19 (m, 4H), 2.26 – 2.15 (m, 1H), 2.09 – 2.00 (m, 1H).
500		LC-MS (Method L2): R_t = 3.65 min; m/z = 548/550 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.17 (d, *J* = 8.2 Hz, 1H), 8.49 (s, 1H), 7.58 – 7.49 (m, 3H), 7.45 (d, *J* = 2.7 Hz, 1H), 7.39 – 7.31 (m, 2H), 7.17 (t, *J* = 7.2 Hz, 1H), 6.92 (t, *J* = 7.2 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.26 (q, *J* = 5.9 Hz, 1H), 4.33 – 4.19 (m, 2H), 3.97 (s, 3H), 3.88 (t, *J* = 4.2 Hz, 4H), 3.31 – 3.21 (m, 4H), 2.29 – 2.15 (m, 1H), 2.11 – 2.00 (m, 1H).
501		LC-MS (Method L2): R_t = 3.42 min; m/z = 522/524 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.11 (d, *J* = 8.2 Hz, 1H), 8.51 (s, 1H), 7.64 (s, 3H), 7.52 – 7.46 (m, 2H), 7.37 (d, *J* = 7.5 Hz, 1H), 7.17 (t, *J* = 7.1 Hz, 1H), 6.93 (t, *J* = 7.4 Hz, 1H), 6.80 (d, *J* = 8.1 Hz, 1H), 5.25 (q, *J* = 5.8 Hz, 1H), 4.34 – 4.20 (m, 2H), 3.96 (s, 3H), 3.03 (s, 6H), 2.26 – 2.15 (m, 1H), 2.09 – 2.01 (m, 1H).
502		LC-MS (Method L2): R_t = 3.09 min; m/z = 522/524 $(M+H)^+$	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.09 (dd, *J* = 8.0, 5.0 Hz, 1H), 8.40 (s, 1H), 7.69 (dd, *J* = 8.0, 1.4 Hz, 1H), 7.50 (d, *J* = 2.8 Hz, 1H), 7.47 – 7.40 (m, 1H), 7.32 (dd, *J* = 11.9, 5.4 Hz, 3H), 7.16 (t, *J* = 7.2 Hz, 1H), 6.90 (t, *J* = 7.4 Hz, 1H), 6.78 (d, *J* = 8.0 Hz, 1H), 5.23 (d, *J* = 5.9 Hz, 1H), 4.31 – 4.19 (m, 2H), 3.96 (s, 3H), 3.04 (s, 6H), 2.25 – 2.13 (m, 1H), 2.06 (d, *J* = 15.1 Hz, 1H).
503		LC-MS (Method 2): R_t = 3.15 min; m/z = 506 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.10 (d, *J* = 8.2 Hz, 1H), 8.44 (s, 1H), 7.56 – 7.48 (m, 3H), 7.42 (d, *J* = 2.8 Hz, 1H), 7.34 (t, *J* = 8.9 Hz, 2H), 7.20 – 7.12 (m, 1H), 6.91 (t, *J* = 7.1 Hz, 1H), 6.79 (d, *J* = 8.0 Hz, 1H), 5.24 (q, *J* = 5.8 Hz, 1H), 4.31 – 4.19 (m, 2H), 3.96 (s, 3H), 3.04 (s, 6H), 2.25 – 2.14 (m, 1H), 2.09 – 1.98 (m, 1H).
504		LC-MS (Method L9): Rt = 4.28 min, m/z = 522/524 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.15 (s, 1H), 8.20 (d, *J* = 7.4 Hz, 1H), 7.59 (d, *J* = 8.1 Hz, 1H), 7.46 (d, *J* = 1.8 Hz, 2H), 7.37 – 7.29 (m, 2H), 7.21 (t, *J* = 7.2 Hz, 1H), 6.90 (dd, *J* = 26.6, 8.1 Hz, 3H), 5.40 (q, *J* = 5.3 Hz, 1H), 4.40 – 4.31 (m, 1H), 4.26 – 4.16 (m, 1H), 4.04 (s, 3H), 2.89 (s, 6H), 2.44 – 2.33 (m, 1H), 2.27 – 2.16 (m, 1H).
505		LC-MS (Method L9): Rt = 4.00 min, m/z = 522/524 (Cl2 pattern; $(M+H)^+$)	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.14 (d, *J* = 5.6 Hz, 1H), 8.33 (dd, *J* = 21.9, 7.3 Hz, 1H), 7.55 – 7.47 (m, 2H), 7.34 – 7.27 (m, 2H), 7.21 (dd, *J* = 16.7, 8.0 Hz, 2H), 7.01 – 6.77 (m, 3H), 5.44 – 5.32 (m, 1H), 4.38 – 4.30 (m, 1H), 4.25 – 4.16 (m, 1H), 4.05 (s, 3H), 2.89 (s, 6H), 2.37 (td, *J* = 9.7, 4.7 Hz, 1H), 2.27 – 2.15 (m, 1H).
506		LC-MS (Method L2): Rt = 2.74 min, m/z = 506/508 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 9.17 (s, 1H), 8.33 (d, *J* = 7.5 Hz, 1H), 7.60 (d, *J* = 8.1 Hz, 1H), 7.40 (dd, *J* = 6.2, 2.6 Hz, 1H), 7.32 (dd, *J* = 8.5, 4.4 Hz, 2H), 7.24 – 7.16 (m, 1H), 7.10 (t, *J* = 8.9 Hz, 1H), 7.01 – 6.84 (m, 3H), 5.39 (q, *J* = 5.3 Hz, 1H), 4.39 – 4.30 (m, 1H), 4.25 – 4.16 (m, 1H), 4.04 (s, 3H), 2.88 (s, 6H), 2.43 – 2.32 (m, 1H), 2.26 – 2.16 (m, 1H).
507		LC-MS (Method L2): Rt = 3.29 min, m/z = 526/528.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.67 (s, 1H), 7.57 – 7.49 (m, 2H), 7.45 (d, *J* = 1.8 Hz, 2H), 7.38 (t, *J* = 1.9 Hz, 1H), 7.30 (dd, *J* = 7.7, 1.6 Hz, 1H), 7.21 (dd, *J* = 15.4, 1.7 Hz, 1H), 6.98 – 6.90 (m, 1H), 6.86 (dd, *J* = 8.3, 1.2 Hz, 1H), 6.24 (d, *J* = 7.7 Hz, 1H), 5.38 (q, *J* = 5.6 Hz, 1H), 4.40 – 4.31 (m, 1H), 4.25 – 4.15 (m, 1H), 3.06 (s, 6H), 2.46 – 2.34 (m, 1H), 2.27 – 2.16 (m, 1H).

508		LC-MS (Method L2): Rt = 3.06 min, m/z = 526/528.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.64 (s, 1H), 7.57 (d, *J* = 7.7 Hz, 1H), 7.51 (dd, *J* = 8.0, 1.7 Hz, 1H), 7.44 (d, *J* = 7.8 Hz, 1H), 7.29 (d, *J* = 7.4 Hz, 2H), 7.24 – 7.16 (m, 2H), 6.91 (t, *J* = 7.5 Hz, 1H), 6.85 (dd, *J* = 8.3, 1.2 Hz, 1H), 6.31 – 6.15 (m, 1H), 5.41 – 5.30 (m, 1H), 4.39 – 4.26 (m, 1H), 4.18 (t, *J* = 9.3 Hz, 1H), 3.06 (s, 6H), 2.44 – 2.33 (m, 1H), 2.25 – 2.14 (m, 1H).
509		LC-MS (Method L2): Rt = 3.07 min, m/z = 510/512 (Cl2 pattern, M+H)$^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.66 (s, 1H), 7.59 – 7.49 (m, 2H), 7.41 – 7.31 (m, 2H), 7.29 (dd, *J* = 7.7, 1.7 Hz, 1H), 7.24 – 7.16 (m, 1H), 7.11 (t, *J* = 8.9 Hz, 1H), 6.96 – 6.89 (m, 1H), 6.85 (dd, *J* = 8.3, 1.2 Hz, 1H), 6.23 (d, *J* = 7.6 Hz, 1H), 5.37 (q, *J* = 5.7 Hz, 1H), 4.39 – 4.30 (m, 1H), 4.23 – 4.14 (m, 1H), 3.06 (s, 6H), 2.44 – 2.33 (m, 1H), 2.25 – 2.15 (m, 1H).
510		LC-MS (Method L2): R_t = 3.828 min; m/z = 560/562/564 (M+H)$^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.23 – 9.11 (m, 1H), 8.65 (s, 1H), 8.54 (s, 1H), 7.93 (s, 1H), 7.73 (d, 1H), 7.50 – 7.43 (m, 1H), 7.43 – 7.31 (m, 2H), 7.16 (t, *J* = 7.7 Hz, 1H), 6.91 (t, *J* = 7.4 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.28 – 5.19 (m, 1H), 4.32 – 4.17 (m, 2H), 3.11 (s, 6H), 2.25 – 2.14 (m, 1H), 2.09 – 1.97 (m, 1H).
511		LC-MS (Method L2): R_t = 3.897 min; m/z = 544/546 (M+H)$^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.18 (d, *J* = 8.1 Hz, 1H), 8.68 (s, 1H), 8.54 (s, 1H), 8.03 (s, 1H), 7.62 – 7.53 (m, 2H), 7.41 – 7.32 (m, 2H), 7.17 (t, *J* = 7.5 Hz, 1H), 6.92 (t, *J* = 7.3 Hz, 1H), 6.79 (d, *J* = 8.2 Hz, 1H), 5.24 (q, *J* = 5.6 Hz, 1H), 4.33 – 4.17 (m, 2H), 3.11 (s, 6H), 2.26 – 2.14 (m, 1H), 2.11 – 1.98 (m, 1H).
512		LC-MS (Method L2): R_t = 4.340 min; m/z = 602/604/606 (M+H)$^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.28 (d, *J* = 8.1 Hz, 1H), 8.85 (s, 1H), 8.53 (s, 1H), 8.11 (s, 1H), 7.70 (s, 3H), 7.40 (d, *J* = 7.3 Hz, 1H), 7.18 (t, *J* = 7.2 Hz, 1H), 6.94 (t, *J* = 7.4 Hz, 1H), 6.80 (d, *J* = 8.0 Hz, 1H), 5.26 (q, *J* = 5.6 Hz, 1H), 4.35 – 4.17 (m, 2H), 3.95 – 3.83 (m, 4H), 3.37 – 3.25 (m, 4H; coincides with water signal, 2.29 – 2.16 (m, 1H), 2.14 – 2.02 (m, 1H).
513		LC-MS (Method L2): R_t = 4.099 min; m/z = 602/604/606 (M+H)$^+$.	$_1$H-NMR (400 MHz, DMSO-*d6*) δ 9.31 – 9.22 (m, 1H), 8.75 (d, *J* = 3.2 Hz, 1H), 8.55 (s, 1H), 7.98 (s, 1H), 7.74 (dd, *J* = 8.0, 1.4 Hz, 1H), 7.52 – 7.44 (m, 1H), 7.44 – 7.33 (m, 2H), 7.17 (t, *J* = 7.6 Hz, 1H), 6.92 (t, *J* = 7.4 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.30 – 5.19 (m, 1H), 4.34 – 4.17 (m, 2H), 3.96 – 3.82 (m, 4H), 3.40 – 3.23 (m, 4H; coincides with water signal), 2.29 – 2.15 (m, 1H), 2.12 – 1.97 (m, 1H).
514			^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.27 (d, *J* = 8.1 Hz, 1H), 8.78 (s, 1H), 8.55 (s, 1H), 8.08 (s, 1H), 7.65 – 7.54 (m, 2H), 7.44 – 7.33 (m, 2H), 7.17 (t, *J* = 7.2 Hz, 1H), 6.93 (t, *J* = 7.5 Hz, 1H), 6.80 (d, *J* = 8.0 Hz, 1H), 5.26 (q, *J* = 5.7 Hz, 1H), 4.34 – 4.16 (m, 2H), 3.95 – 3.82 (m, 4H), 3.39 – 3.23 (m, 4H; coincides with water signal), 2.29 – 2.16 (m, 1H), 2.13 – 2.00 (m, 1H).
517		LC-MS (Method L2): R_t = 3.180 min; m/z = 550/552/554 (M+H)$^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.23 (s, 1H), 9.17 – 9.07 (m, 1H), 8.37 (d, *J* = 2.2 Hz, 1H), 7.69 (dd, *J* = 8.0, 1.5 Hz, 1H), 7.53 (d, *J* = 2.7 Hz, 1H), 7.47 – 7.38 (m, 1H), 7.38 – 7.26 (m, 2H), 7.22 – 7.11 (m, 2H), 6.91 (t, *J* = 7.5 Hz, 1H), 6.79 (d, *J* = 8.2 Hz, 1H), 5.24 (q, 1H), 4.34 – 4.18 (m, 2H), 3.92 – 3.77 (m, 4H), 3.30 – 3.16 (m, 4H), 2.28 – 2.12 (m, 1H), 2.11 – 1.95 (m, 1H).
528		LC-MS (Method L2): R_t = 2.588 min; m/z = 491/493 (M+H)$^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 8.91 (d, *J* = 8.3 Hz, 1H), 8.29 (s, 1H), 7.93 (d, *J* = 9.2 Hz, 1H), 7.50 – 7.41 (m, 1H), 7.35 – 7.29 (m, 2H), 7.29 – 7.19 (m, 1H), 7.19 – 7.08 (m, 2H), 6.89 (t, *J* = 7.5 Hz, 1H), 6.77 (d, *J* = 8.0 Hz, 1H), 5.47 (s, 2H), 5.25 – 5.15 (m, 1H), 4.30 – 4.17 (m, 2H), 2.99 (s, 6H), 2.21 – 2.10 (m, 1H), 2.06 – 1.93 (m, 1H).
529		LC-MS (Method L2): R_t = 2.722 min; m/z = 507/509/511 (M+H)$^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 8.91 (d, *J* = 8.2 Hz, 1H), 8.31 (s, 1H), 7.91 (d, *J* = 9.2 Hz, 1H), 7.56 (t, *J* = 1.7 Hz, 1H), 7.31 (d, *J* = 7.5 Hz, 1H), 7.22 (d, *J* = 1.6 Hz, 2H), 7.19 – 7.07 (m, 2H), 6.90 (t, *J* = 7.3 Hz, 1H), 6.78 (d, *J* = 8.1 Hz, 1H), 5.48 (s, 2H), 5.20 (q, *J* = 6.0 Hz, 1H), 4.27 – 4.19 (m, 2H), 2.98 (s, 6H), 2.21 – 2.10 (m, 1H), 2.05 – 1.95 (m, 1H).
530		LC-MS (Method L10) Rt = 1.91 min, m/z = 564 (M+H)$^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.93 (s, 1H), 7.59 (d, *J* = 8.2 Hz, 1H), 7.44 (d, *J* = 1.9 Hz, 2H), 7.39 – 7.28 (m, 4H), 7.26 – 7.16 (m, 2H), 7.01 – 6.82 (m, 3H), 5.51 – 5.20 (m, 1H), 4.48 – 4.28 (m, 1H), 4.28 – 4.12 (m, 1H), 4.05 (s, 3H), 3.76 (dt, *J* = 8.1, 4.7 Hz, 6H), 3.34 (t, *J* = 4.5 Hz, 6H), 2.55 – 2.33 (m, 1H), 2.33 – 2.14 (m, 1H).
531		LC-MS (Method L2): Rt = 3.76 min, m/z = 552/554 (Cl2 pattern, M+H)$^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.63 (s, 1H), 7.62 (d, *J* = 7.8 Hz, 1H), 7.54 (d, *J* = 7.8 Hz, 1H), 7.36 (dd, *J* = 7.8, 4.8 Hz, 2H), 7.30 (dd, *J* = 7.8, 1.6 Hz, 1H), 7.23 – 7.17 (m, 1H), 7.15 – 7.07 (m, 1H), 6.93 (td, *J* = 7.5, 1.2 Hz, 1H), 6.86 (dd, *J* = 8.1, 1.2 Hz, 1H), 6.20 (d, *J* = 7.6 Hz, 1H), 5.38 (q, *J* = 5.6 Hz, 1H), 4.40 – 4.31 (m, 1H), 4.24 – 4.14 (m, 1H), 4.15 – 3.75 (m, 4H), 3.43 (s, 4H), 2.46 – 2.35 (m, 1H).

532		LC-MS (Method L2): Rt = 3.74 min, m/z = 568/570 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.61 (d, *J* = 3.9 Hz, 1H), 7.63 (d, *J* = 7.8 Hz, 1H), 7.52 (dd, *J* = 8.0, 1.6 Hz, 1H), 7.47 (d, *J* = 7.7 Hz, 1H), 7.33 – 7.27 (m, 2H), 7.20 (td, *J* = 7.6, 1.7 Hz, 2H), 6.96 – 6.82 (m, 2H), 6.20 (t, *J* = 6.5 Hz, 1H), 5.42 – 5.33 (m, 1H), 4.39 – 4.31 (m, 1H), 4.23 – 4.13 (m, 1H), 3.99 (d, *J* = 50.2 Hz, 4H), 3.44 (s, 4H), 2.46 – 2.34 (m, 1H), 2.26 – 2.16 (m, 1H).
533		LC-MS (Method L9): Rt = 4.38 min, m/z = 568/570 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.65 (s, 1H), 7.60 (d, *J* = 7.8 Hz, 1H), 7.53 (d, *J* = 7.8 Hz, 1H), 7.43 (d, *J* = 1.9 Hz, 2H), 7.39 (t, *J* = 1.9 Hz, 1H), 7.31 (dd, *J* = 7.6, 1.6 Hz, 1H), 7.21 (dd, *J* = 15.6, 1.7 Hz, 1H), 6.98 – 6.91 (m, 1H), 6.86 (dd, *J* = 8.3, 1.2 Hz, 1H), 6.20 (d, *J* = 7.6 Hz, 1H), 5.39 (q, *J* = 5.6 Hz, 1H), 4.41 – 4.33 (m, 1H), 4.25 – 4.16 (m, 1H), 3.95 (s, 4H), 3.43 (s, 4H), 2.47 – 2.36 (m, 1H), 2.29 – 2.19 (m, 1H).
536		LC-MS (Method L2): R_t = 2.60 min; m/z = 533/535 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 8.99 (d, *J* = 8.3 Hz, 1H), 8.33 (s, 1H), 7.98 (d, *J* = 9.2 Hz, 1H), 7.50 – 7.43 (m, 1H), 7.33 (dt, *J* = 7.8, 4.6 Hz, 2H), 7.28 – 7.22 (m, 1H), 7.15 (t, *J* = 7.9 Hz, 2H), 6.90 (t, *J* = 7.0 Hz, 1H), 6.78 (d, *J* = 8.1 Hz, 1H), 5.52 (s, 2H), 5.27 – 5.17 (m, 1H), 4.24 (dt, *J* = 8.6, 4.0 Hz, 2H), 3.83 (s, 4H), 3.28 – 3.15 (m, 4H), 2.24 – 2.12 (m, 1H), 2.06 – 1.95 (m, 1H).
537		LC-MS (Method L2): R_t = 2.67 min; m/z = 549/551 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.00 (dd, *J* = 8.3, 2.3 Hz, 1H), 8.31 (d, *J* = 2.0 Hz, 1H), 7.97 (d, *J* = 9.2 Hz, 1H), 7.64 (dd, *J* = 8.1, 1.4 Hz, 1H), 7.41 (td, *J* = 7.8, 5.9 Hz, 1H), 7.32 (d, *J* = 7.3 Hz, 1H), 7.21 – 7.11 (m, 3H), 6.89 (t, *J* = 7.4 Hz, 1H), 6.77 (d, *J* = 8.1 Hz, 1H), 5.37 (s, 2H), 5.21 (q, *J* = 6.0 Hz, 1H), 4.25 (t, *J* = 8.5 Hz, 2H), 3.82 (s, 4H), 3.28 – 3.16 (m, 4H), 2.23 – 2.12 (m, 1H), 2.06 – 1.95 (m, 1H).
538		LC-MS (Method L2): R_t = 2.72 min; m/z = 549/551 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 8.98 (d, *J* = 8.3 Hz, 1H), 8.36 (s, 1H), 7.96 (d, *J* = 9.2 Hz, 1H), 7.57 (t, *J* = 1.9 Hz, 1H), 7.33 (d, *J* = 7.3 Hz, 1H), 7.22 (d, *J* = 1.8 Hz, 2H), 7.18 – 7.11 (m, 2H), 6.95 – 6.87 (m, 1H), 6.78 (d, *J* = 8.1 Hz, 1H), 5.54 (s, 2H), 5.22 (q, *J* = 5.9 Hz, 1H), 4.31 – 4.18 (m, 2H), 3.82 (s, 4H), 3.28 – 3.14 (m, 4H), 2.19 (dq, *J* = 13.4, 4.8 Hz, 1H), 2.02 (dq, *J* = 10.4, 3.7, 3.3 Hz, 1H).
551		LC-MS (Method L2): 2.66 min, ; *m/z* = 507/509 $(M+1)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 8.92 (dd, *J* = 8.4, 2.4 Hz, 1H), 8.27 (s, 1H), 7.93 (d, *J* = 9.3 Hz, 1H), 7.63 (dd, *J* = 8.1, 1.7 Hz, 1H), 7.47 – 7.37 (m, 1H), 7.30 (dd, *J* = 7.6, 1.6 Hz, 1H), 7.23 – 7.07 (m, 3H), 6.88 (t, *J* = 7.4 Hz, 1H), 6.77 (dd, *J* = 8.3, 1.2 Hz, 1H), 5.31 (d, *J* = 2.5 Hz, 2H), 5.20 (q, *J* = 6.2 Hz, 1H), 4.24 (t, *J* = 5.9 Hz, 2H), 2.99 (s, 6H), 2.23 – 2.10 (m, 1H), 2.06 – 1.92 (m, 1H).
559		LC-MS (Method L2): R_t = 2.60 min; m/z = 492 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.37 (s, 1H), 8.98 (d, *J* = 8.3 Hz, 1H), 8.41 (s, 1H), 8.09 (d, *J* = 9.2 Hz, 1H), 7.48 – 7.40 (m, 1H), 7.35 – 7.24 (m, 4H), 7.18 – 7.12 (m, 1H), 6.90 (t, *J* = 7.3 Hz, 1H), 6.78 (d, *J* = 8.1 Hz, 1H), 5.21 (dd, *J* = 7.9, 5.1 Hz, 1H), 4.30 – 4.18 (m, 2H), 3.03 (s, 6H), 2.22 – 2.12 (m, 1H), 2.06 – 1.96 (m, 1H).
560		LC-MS (Method L2): R_t = 2.66 min; m/z = 508/510 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.20 (s, 1H), 8.98 (dd, *J* = 8.3, 2.4 Hz, 1H), 8.37 (s, 1H), 8.08 (d, *J* = 9.2 Hz, 1H), 7.61 (dd, *J* = 8.0, 1.5 Hz, 1H), 7.41 – 7.27 (m, 3H), 7.23 – 7.11 (m, 2H), 6.89 (t, *J* = 7.4 Hz, 1H), 6.77 (d, *J* = 8.1 Hz, 1H), 5.21 (q, *J* = 6.4 Hz, 1H), 4.25 (td, *J* = 9.4, 8.0, 5.5 Hz, 2H), 3.03 (s, 6H), 2.22 – 2.11 (m, 1H), 2.06 – 1.94 (m, 1H).
561		LC-MS (Method L2): R_t = 2.74 min; m/z = 508/510 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.33 (s, 1H), 8.98 (d, *J* = 8.2 Hz, 1H), 8.44 (s, 1H), 8.07 (d, *J* = 9.3 Hz, 1H), 7.54 (t, *J* = 2.0 Hz, 1H), 7.37 – 7.28 (m, 4H), 7.19 – 7.13 (m, 1H), 6.91 (td, *J* = 7.5, 1.2 Hz, 1H), 6.78 (dd, *J* = 8.2, 1.1 Hz, 1H), 5.26 – 5.18 (m, 1H), 4.30 – 4.19 (m, 2H), 3.02 (s, 6H), 2.23 – 2.12 (m, 1H), 2.07 – 1.97 (m, 1H).
580		LC-MS (Method M11): Rt = 1.52 min; m/z = 570 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.04-2.09 (m, 1H), 2.17-2.30 (m, 1H), 3.07 (s, 6H), 4.22-4.32 (m 2H), 5.21-5.26 (m, 1H), 6.79 (d, 1H), 7.33 (dd, 1H), 7.53 (d, 1H), 7.64-7.68 (m, 4H), 7.81 (dd, 1H), 8.25 (dd, 1H), 8.66 (s, 1H), 9.13 (d, 1H).
581		LC-MS (Method M11): Rt = 1.29 min; m/z = 492 (M+H)+	^{1}H-NMR (300 MHz, DMSO-d6): δ [ppm] = 3.06 (s, 6H), 3.87 (dd, 1H), 4.05 (dd, 1H), 4.75 (d, 2H), 5.18-5.21 (m, 1H), 7.09-7.13 (m, 1H), 7.25-7.30 (m, 2H), 7.47-7.50 (m, 1H), 7.62-7.67 (m, 4H), 7.80 (dd, 1H), 8.23 (dd, 1H), 8.62 (s, 1H), 9.11 (d, 1H).
584		LC-MS (Method L2): R_t = 2.79 min, m/z = 534 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.90 (d, *J* = 2.5 Hz, 1H), 8.21 (d, *J* = 9.3 Hz, 1H), 7.47 – 7.40 (m, 1H), 7.40 – 7.34 (m, 1H), 7.34 – 7.27 (m, 2H), 7.25 – 7.17 (m, 3H), 6.92 (t, *J* = 7.4 Hz, 1H), 6.87 (d, *J* = 8.2 Hz, 1H), 5.46 (s, 1H), 5.36 (dd, *J* = 7.6, 4.4 Hz, 1H), 4.38 – 4.30 (m, 1H), 4.22 – 4.14 (m, 1H), 3.84 (q, *J* = 5.9 Hz, 4H), 3.40 (q, *J* = 4.4 Hz, 4H), 2.43 – 2.33 (m, 1H), 2.27 – 2.16 (m, 1H).
609		LC-MS (Method L10): R_t = 3.98 min; m/z = 602 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.19 (dd, *J* = 8.1, 2.7 Hz, 1H), 8.68 (d, *J* = 1.9 Hz, 1H), 8.44 (d, *J* = 9.5 Hz, 1H), 7.77 (dt, *J* = 9.3, 1.6 Hz, 1H), 7.62 – 7.56 (m, 1H), 7.49 – 7.34 (m, 3H), 7.20 – 7.14 (m, 1H), 6.92 (td, *J* = 7.5, 1.2 Hz, 1H), 6.79 (d, *J* = 8.2 Hz, 1H), 5.37 – 5.10 (m, 1H), 4.32 – 4.18 (m, 2H), 3.88 (t, *J* = 4.8 Hz, 4H), 3.32 – 3.25 (m, 4H), 2.27 – 2.17 (m, 1H), 2.09 – 2.00 (m, 1H).

610		LC-MS (Method L10): R_t = 4.00 min; m/z = 618/620 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.19 (dd, *J* = 8.1, 4.2 Hz, 1H), 8.65 (d, *J* = 3.7 Hz, 1H), 8.43 (d, *J* = 9.4 Hz, 1H), 7.76 (td, *J* = 8.8, 8.0, 1.6 Hz, 2H), 7.48 (td, *J* = 7.9, 5.1 Hz, 1H), 7.38 – 7.29 (m, 2H), 7.26 – 7.06 (m, 1H), 6.91 (tt, *J* = 7.5, 1.5 Hz, 1H), 6.79 (dd, *J* = 8.3, 1.2 Hz, 1H), 5.23 (d, *J* = 6.5 Hz, 1H), 4.31 – 4.19 (m, 2H), 3.98 – 3.77 (m, 4H), 3.32 – 3.23 (m, 4H), 2.26 – 2.16 (m, 1H), 2.08 – 1.99 (m, 1H).
611		LC-MS (Method L10): R_t = 4.20 min; m/z = 618/620 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.19 (d, *J* = 8.1 Hz, 1H), 8.71 (s, 1H), 8.41 (d, *J* = 9.5 Hz, 1H), 7.84 – 7.66 (m, 2H), 7.39 (dd, *J* = 19.0, 1.8 Hz, 3H), 7.22 – 7.13 (m, 1H), 6.96 – 6.88 (m, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.24 (q, *J* = 6.0 Hz, 1H), 4.32 – 4.19 (m, 2H), 3.98 – 3.71 (m, 4H), 3.32 – 3.22 (m, 4H), 2.27 – 2.17 (m, 1H), 2.10 – 2.01 (m, 1H).
612		LC-MS (Method L10): R_t = 3.67 min; m/z = 560 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.10 (dd, *J* = 8.2, 2.8 Hz, 1H), 8.60 (s, 1H), 8.41 (d, *J* = 9.5 Hz, 1H), 7.71 (dq, *J* = 9.3, 1.5 Hz, 1H), 7.61 – 7.55 (m, 1H), 7.47 – 7.33 (m, 3H), 7.16 (td, *J* = 7.8, 1.6 Hz, 1H), 6.91 (td, *J* = 7.5, 1.2 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.22 (dt, *J* = 8.4, 4.3 Hz, 1H), 4.31 – 4.18 (m, 2H), 3.09 (s, 6H), 2.25 – 2.14 (m, 1H), 2.09 – 1.91 (m, 1H).
613		LC-MS (Method L10): R_t = 3.60 min; m/z = 576/578 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.11 (dd, *J* = 8.2, 3.8 Hz, 1H), 8.56 (d, *J* = 2.3 Hz, 1H), 8.40 (d, *J* = 9.4 Hz, 1H), 7.76 – 7.68 (m, 2H), 7.47 (td, *J* = 7.9, 5.1 Hz, 1H), 7.36 – 7.28 (m, 2H), 7.19 – 7.12 (m, 1H), 6.90 (tt, *J* = 7.3, 1.5 Hz, 1H), 6.78 (dd, *J* = 8.2, 1.2 Hz, 1H), 5.22 (d, *J* = 6.7 Hz, 1H), 4.31 – 4.17 (m, 2H), 3.09 (s, 6H), 2.19 (td, *J* = 9.1, 8.7, 3.9 Hz, 1H), 2.08 – 1.96 (m, 1H).
614		LC-MS (Method L10): R_t = 3.82 min; m/z = 576/578 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.10 (d, *J* = 8.2 Hz, 1H), 8.62 (s, 1H), 8.38 (d, *J* = 9.4 Hz, 1H), 7.70 (td, *J* = 4.4, 2.2 Hz, 2H), 7.40 (d, *J* = 1.8 Hz, 2H), 7.35 (dd, *J* = 7.8, 1.6 Hz, 1H), 7.20 – 7.13 (m, 1H), 6.91 (t, *J* = 7.3 Hz, 1H), 6.79 (d, *J* = 8.2 Hz, 1H), 5.23 (q, *J* = 6.2 Hz, 1H), 4.31 – 4.19 (m, 2H), 3.08 (s, 6H), 2.24 – 2.14 (m, 1H), 2.08 – 1.99 (m, 1H).
615		LC-MS (Method L2): R_t = 2.79 min, m/z = 550/552 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.24 (s, 1H), 9.06 (dd, *J* = 8.3, 2.9 Hz, 1H), 8.43 (d, *J* = 2.5 Hz, 1H), 8.13 (d, *J* = 9.3 Hz, 1H), 7.62 (dd, *J* = 7.9, 1.6 Hz, 1H), 7.45 – 7.30 (m, 3H), 7.24 – 7.11 (m, 2H), 6.90 (t, *J* = 7.5 Hz, 1H), 6.78 (dd, *J* = 8.3, 1.2 Hz, 1H), 5.22 (q, *J* = 6.3 Hz, 1H), 4.30 – 4.19 (m, 2H), 3.85 (q, *J* = 4.8, 3.8 Hz, 4H), 3.30 – 3.18 (m, 4H), 2.24 – 2.13 (m, 1H), 2.09 – 1.96 (m, 1H).
616		LC-MS (Method L2): R_t = 2.92 min, m/z = 550/552 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.36 (s, 1H), 9.06 (d, *J* = 8.2 Hz, 1H), 8.51 (s, 1H), 8.13 (d, *J* = 9.3 Hz, 1H), 7.55 (d, *J* = 2.1 Hz, 1H), 7.41 – 7.30 (m, 4H), 6.92 (t, *J* = 7.4 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.23 (q, *J* = 5.9 Hz, 1H), 4.32 – 4.19 (m, 2H), 4.04 (s, 1H), 3.90 – 3.79 (m, 4H), 3.24 (q, *J* = 5.3 Hz, 4H), 2.22 – 2.14 (m, 1H), 2.09 – 1.98 (m, 1H).
617		LC-MS (Method L9): R_t = 4.03 min; m/z = 517/519 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.16 (d, *J* = 8.1 Hz, 1H), 8.67 (s, 1H), 8.36 (d, *J* = 8.6 Hz, 1H), 7.97 (d, *J* = 8.7 Hz, 1H), 7.77 (t, *J* = 1.9 Hz, 1H), 7.58 (s, 2H), 7.35 (d, *J* = 7.6 Hz, 1H), 7.17 (t, *J* = 7.7 Hz, 1H), 6.91 (t, *J* = 7.5 Hz, 1H), 6.79 (d, *J* = 8.2 Hz, 1H), 5.23 (q, *J* = 6.2 Hz, 1H), 4.31 – 4.19 (m, 2H), 3.08 (s, 6H), 2.25 – 2.14 (m, 1H), 2.09 – 1.98 (m, 1H).
618		LC-MS (Method L2): R_t = 2.818 min; m/z = 492/494/496 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.18 (s, 1H), 9.06 (d, *J* = 8.2 Hz, 1H), 8.37 (s, 1H), 7.55 – 7.44 (m, 3H), 7.38 – 7.29 (m, 2H), 7.25 (d, *J* = 2.6 Hz, 1H), 7.16 (t, *J* = 7.7 Hz, 1H), 6.91 (t, *J* = 7.4 Hz, 1H), 6.79 (d, *J* = 8.0 Hz, 1H), 5.24 (q, *J* = 5.9 Hz, 1H), 4.31 – 4.17 (m, 2H), 3.00 (s, 6H), 2.26 – 2.13 (m, 1H), 2.09 – 1.95 (m, 1H).
619		LC-MS (Method L2): R_t = 2.836 min; m/z = 508/510/512 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 10.16 (s, 1H), 9.10 – 9.00 (m, 1H), 8.33 (s, 1H), 7.68 (d, 1H), 7.48 (d, *J* = 2.6 Hz, 1H), 7.47 – 7.36 (m, 1H), 7.36 – 7.27 (m, 2H), 7.20 – 7.10 (m, 2H), 6.90 (t, *J* = 7.4 Hz, 1H), 6.78 (d, *J* = 8.1 Hz, 1H), 5.29 – 5.16 (m, 1H), 4.31 – 4.15 (m, 2H), 3.00 (s, 6H), 2.17 (dd, *J* = 8.6, 4.2 Hz, 1H), 2.01 (d, *J* = 13.7 Hz, 1H).
620		LC-MS (Method M24): Rt = 1.34 min; m/z = 510 (M+H)+	^{1}H-NMR (400 MHz, CD_3OD-d4): δ [ppm] = 2.22-2.25 (m, 1H), 2.31-2.35 (m, 1H), 3.18 (s, 6H), 4.29-4.34 (m, 1H), 4.38-4.43 (m, 1H), 5.36 (t, 1H), 6.86-6.92 (m, 1H), 6.98-7.03 (m, 1H), 7.17 (d, 1H), 7.47 (t, 1H), 7.52 (d, 2H), 7.63 (dd, 1H), 7.71 (dd, 1H), 8.28 (dd, 1H), 8.55 (s,1H).
621		LC-MS (Method M47): Rt = 2.86 min; m/z = 560 (M+H)+	^{1}H-NMR (400 MHz, CD_3OD-d4): δ [ppm] = 2.20-2.26 (m, 1H), 2.29-2.35 (m, 1H), 3.19 (s, 6H), 4.33-4.39 (m, 1H), 4.43-4.48 (m, 1H), 5.35 (t, 1H), 7.33-7.36 (m, 2H), 7.47 (t, 1H), 7.52 (d, 2H), 7.63 (dd, 1H), 7.72 (dd, 1H), 8.29 (dd, 1H), 8.56 (s, 1H).
622		LC-MS (Method M24): Rt = 1.43 min; m/z = 526 (M+H)+	^{1}H-NMR (400 MHz, CD_3OD-d4): δ [ppm] = 2.16-2.21 (m, 1H), 2.27-2.32 (m, 1H,), 3.19 (s, 6H), 4.23-4.34 (m, 2H), 5.32 (t, 1H), 6.80 (d, 1H), 7.15 (dd, 1H), 7.37 (d, 1H), 7.47 (t, 1H), 7.52 (d, 2H), 7.63 (dd, 1H), 7.72 (dd, 1H), 8.29 (dd, 1H), 8.56 (1 H, s).

623		LC-MS (Method M47): Rt = 2.86 min; m/z = 510 (M+H)+	^{1}H-NMR (300 MHz, DMSO-d6): δ [ppm] = 1.99-2.05 (1 H, m), 2.18-2.21 (m, 1H), 3.06 (s, 6H), 4.19-4.27 (m, 2H), 5.19-5.24 (m, 1H), 6.84 (dd, 1H), 7.00-7.07 (m, 1H), 7.17-7.22 (dd, 1H), 7.64-7.68 (m, 4H), 7.81 (dd, 1H), 8.24 (dd, 1H), 8.68 (s, 1H), 9.13 (d, 1H).
626		LC-MS (Method L2): R_t = 3.240 min; m/z = 534/536/538 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 10.25 (s, 1H), 9.12 (d, *J* = 8.2 Hz, 1H), 8.40 (s, 1H), 7.58 – 7.49 (m, 2H), 7.47 (dd, *J* = 6.2, 2.7 Hz, 1H), 7.40 – 7.29 (m, 2H), 7.27 (d, *J* = 2.6 Hz, 1H), 7.16 (t, 1H), 6.92 (t, *J* = 7.5, 1.0 Hz, 1H), 6.79 (d, *J* = 8.2 Hz, 1H), 5.26 (q, 1H), 4.33 – 4.18 (m, 2H), 3.93 – 3.77 (m, 4H), 3.30 – 3.15 (m, 4H), 2.28 – 2.14 (m, 1H), 2.12 – 1.97 (m, 1H).
627		LC-MS (Method L2): R_t = 3.529 min; m/z = 550/552/554 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 10.41 (s, 1H), 9.12 (d, *J* = 8.2 Hz, 1H), 8.46 (s, 1H), 7.63 (t, *J* = 1.9 Hz, 1H), 7.60 (d, *J* = 1.9 Hz, 2H), 7.52 (d, *J* = 2.4 Hz, 1H), 7.37 (d, *J* = 7.2 Hz, 1H), 7.32 (d, *J* = 2.6 Hz, 1H), 7.17 (t, 1H), 6.93 (t, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.25 (q, 1H), 4.33 – 4.18 (m, 2H), 3.89 – 3.74 (m, 4H), 3.27 – 3.13 (m, 4H), 2.29 – 2.12 (m, 1H), 2.12 – 1.98 (m, 1H).
632		LC-MS (Method M30): Rt = 1.65 min; m/z = 526 (M+H)+	^{1}H-NMR (300 MHz, DMSO-d6): δ [ppm] = 2.07-2.11 (m, 1H), 2.23-2.27 (m,1 H), 3.06 (s, 6H), 4.31-4.45 (m, 2H), 5.28 (d, 1H), 6.94 (t, 1H), 7.35 (t, 2H), 7.63-7.67 (m, 4H), 7.81 (d, 1H), 8.24 (d, 1H), 8.64 (s, 1H), 9.12 (d, 1H).
633		LC-MS (Method M14): Rt = 1.43 min; m/z = 570 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.06-2.10 (m, 1H), 2.20-2.24 (m, 1H), 3.06 (s, 6H), 4.31-4.44 (m,2H), 5.26-5.31 (m, 1H), 6.88 (t, 1H), 7.40 (d, 1H), 7.48 (d, 1H), 7.63-7.67 (m, 4H), 7.80 (d, 1H), 8.24 (d, 1H), 8.64 (s, 1H), 9.13 (d, 1H).
634		LC-MS (Method M14): Rt = 1.43 min; m/z = 570 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.06-2.10 (m, 1H), 2.20-2.24 (m, 1H), 3.06 (s, 6H), 4.31-4.44 (m,2H), 5.26-5.31 (m, 1H), 6.88 (t, 1H), 7.40 (d, 1H), 7.48 (d, 1H), 7.63-7.67 (m, 4H), 7.80 (d, 1H), 8.24 (d, 1H), 8.64 (s, 1H), 9.13 (d, 1H).
642		LC-MS (Method L9): R_t = 3.75 min; m/z = 543/545 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 9.24 (dd, *J* = 8.1, 2.0 Hz, 1H), 8.74 (d, *J* = 2.7 Hz, 1H), 8.42 (d, *J* = 8.8 Hz, 1H), 8.04 (d, *J* = 8.8 Hz, 1H), 7.69 – 7.60 (m, 2H), 7.46 (td, *J* = 9.3, 7.0 Hz, 1H), 7.37 (dd, *J* = 7.6, 1.6 Hz, 1H), 7.20 – 7.14 (m, 1H), 6.92 (td, *J* = 7.5, 1.2 Hz, 1H), 6.79 (d, *J* = 8.1 Hz, 1H), 5.24 (dq, *J* = 10.3, 5.4 Hz, 1H), 4.31 – 4.18 (m, 2H), 3.88 (t, *J* = 4.5 Hz, 4H), 3.29 (d, *J* = 4.8 Hz, 4H), 2.28 – 2.15 (m, 1H), 2.05 (s, 1H).
651		LC-MS (Method L2): R_t = 3.79 min, m/z = 534 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.80 (s, 1H), 8.11 (d, *J* = 7.4 Hz, 1H), 7.78 (d, *J* = 7.5 Hz, 1H), 7.45 – 7.37 (m, 2H), 7.31 (dd, *J* = 7.8, 1.7 Hz, 1H), 7.24 – 7.18 (m, 1H), 7.15 (t, *J* = 8.8 Hz, 1H), 6.97 – 6.91 (m, 1H), 6.87 (dd, *J* = 8.1, 1.2 Hz, 1H), 6.21 (d, *J* = 7.6 Hz, 1H), 5.45 – 5.38 (m, 1H), 4.49 (s, 2H), 4.41 – 4.33 (m, 1H), 4.24 – 4.15 (m, 1H), 3.86 (s, 2H), 3.68 (s, 2H), 3.17 (s, 2H), 2.51 – 2.37 (m, 1H), 2.30 – 2.22 (m, 1H).
652		LC-MS (Method L2): R_t = 3.88 min; m/z = 559/661 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 9.24 (d, *J* = 8.1 Hz, 1H), 8.76 (s, 1H), 8.39 (d, *J* = 8.8 Hz, 1H), 8.01 (d, *J* = 8.8 Hz, 1H), 7.78 (t, *J* = 1.9 Hz, 1H), 7.59 (d, *J* = 1.9 Hz, 2H), 7.37 (dd, *J* = 7.8, 1.6 Hz, 1H), 7.20 – 7.14 (m, 1H), 6.92 (td, *J* = 7.5, 1.2 Hz, 1H), 6.79 (dd, *J* = 8.1, 1.2 Hz, 1H), 5.28 – 5.21 (m, 1H), 4.32 – 4.18 (m, 2H), 3.88 (t, *J* = 4.8 Hz, 4H), 3.31 – 3.24 (m, 4H), 2.26 – 2.18 (m, 1H), 2.09 – 2.01 (m, 1H).
656		LC-MS (Method L2): R_t = 2.697 min; m/z = 448/450 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 13.31 (s, 1H), 9.19 (d, *J* = 8.2 Hz, 1H), 8.69 (s, 1H), 8.51 (dd, *J* = 7.4, 1.4 Hz, 1H), 8.17 (dd, *J* = 8.5, 1.5 Hz, 1H), 7.65 (t, *J* = 8.4, 7.4 Hz, 1H), 7.36 (dd, *J* = 7.9, 1.6 Hz, 1H), 7.32 (s, 1H), 7.19 (ddd, *J* = 8.7, 7.4, 1.7 Hz, 1H), 6.95 (t, *J* = 7.5, 1.2 Hz, 1H), 6.82 (dd, *J* = 8.2, 1.1 Hz, 1H), 5.28 (q, *J* = 5.8 Hz, 1H), 4.34 – 4.19 (m, 2H), 3.09 (s, 6H), 2.28 – 2.16 (m, 1H), 2.12 – 2.00 (m, 1H).
657		LC-MS (Method L2): R_t = 3.83 min, m/z = 559/561 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.77 (d, *J* = 4.0 Hz, 1H), 8.12 (d, *J* = 7.4 Hz, 1H), 7.70 (d, *J* = 7.3 Hz, 1H), 7.57 (dd, *J* = 8.1, 1.5 Hz, 1H), 7.36 – 7.27 (m, 2H), 7.24 – 7.17 (m, 2H), 6.93 (t, *J* = 7.3 Hz, 1H), 6.86 (dd, *J* = 8.3, 1.1 Hz, 1H), 6.21 (t, *J* = 6.6 Hz, 1H), 5.41 (t, *J* = 6.2 Hz, 1H), 4.50 (s, 2H), 4.40 – 4.32 (m, 1H), 4.24 – 4.14 (m, 1H), 3.87 (s, 2H), 3.69 (s, 2H), 3.31 – 3.03 (m, 2H), 2.42 (dd, *J* = 12.0, 6.7 Hz, 1H), 2.31 – 2.18 (m, 1H).
658		LC-MS (Method L2): R_t = 3.86 min, m/z = 501 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.83 (s, 1H), 8.10 (d, *J* = 7.4 Hz, 1H), 7.78 (d, *J* = 7.5 Hz, 1H), 7.47 – 7.39 (m, 2H), 7.31 (dd, *J* = 7.9, 1.6 Hz, 1H), 7.26 – 7.21 (m, 1H), 7.20 – 7.13 (m, 1H), 6.99 – 6.92 (m, 1H), 6.89 (dd, *J* = 8.3, 1.2 Hz, 1H), 6.23 (d, *J* = 7.7 Hz, 1H), 5.41 (q, *J* = 5.6 Hz, 1H), 4.38 (dq, *J* = 10.3, 3.3 Hz, 1H), 4.26 – 4.18 (m, 1H), 3.08 (s, 6H), 2.48 – 2.38 (m, 1H), 2.30 – 2.21 (m, 1H).

659		LC-MS (Method L2): R_t = 3.89 min, m/z = 517/519 $(M+H)^+$.	^{1}H-NMR (400 MHz, Chloroform-*d*) δ 8.78 (d, *J* = 1.3 Hz, 1H), 8.08 (d, *J* = 7.4 Hz, 1H), 7.67 (d, *J* = 7.4 Hz, 1H), 7.57 (dd, *J* = 8.1, 1.5 Hz, 1H), 7.36 – 7.29 (m, 1H), 7.28 (s, 1H), 7.24 – 7.17 (m, 2H), 6.96 – 6.89 (m, 1H), 6.86 (dd, *J* = 8.3, 1.1 Hz, 1H), 6.21 (t, *J* = 7.2 Hz, 1H), 5.38 (s, 1H), 4.39 – 4.31 (m, 1H), 4.23 – 4.14 (m, 1H), 3.07 (s, 6H), 2.47 – 2.35 (m, 1H), 2.26 – 2.16 (m, 1H).
660		LC-MS (Method L2): R_t = 3.65 min; m/z = 491 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-d6) δ 9.26 (d, J = 8.1 Hz, 1H), 8.87 (s, 1H), 7.91 – 7.87 (m, 1H), 7.84 – 7.73 (m, 2H), 7.70 – 7.57 (m, 1H), 7.35 (d, J = 7.8 Hz, 1H), 7.30 – 7.23 (m, 1H), 7.19 (t, J = 7.8 Hz, 1H), 6.93 (t, J = 7.5 Hz, 1H), 6.81 (d, J = 8.2 Hz, 1H), 5.31 – 5.11 (m, 4H), 4.84 – 4.70 (m, 2H), 4.34 – 4.21 (m, 2H), 2.25 – 2.15 (m, 1H), 2.08 – 2.01 (m, 1H).
662		LC-MS (Method L2): R_t = 3.91 min; m/z = 561 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.22 (d, *J* = 8.2 Hz, 1H), 8.66 (s, 1H), 8.29 (dd, *J* = 8.3, 1.7 Hz, 1H), 7.96 – 7.87 (m, 2H), 7.68 – 7.60 (m, 1H), 7.48 – 7.43 (m, 1H), 7.31 – 7.25 (m, 1H), 7.21 – 7.14 (m, 1H), 6.92 (td, *J* = 7.5, 1.2 Hz, 1H), 6.79 (dd, *J* = 8.2, 1.1 Hz, 1H), 5.27 (q, *J* = 6.0 Hz, 1H), 4.34 – 4.19 (m, 2H), 2.23 (dp, *J* = 13.4, 4.3 Hz, 1H), 2.16 – 2.06 (m, 1H).
663		LC-MS (Method L2): R_t = 4.04 min, m/z = 559/561 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.35 (d, *J* = 8.0 Hz, 1H), 8.87 (s, 1H), 8.28 (d, *J* = 7.6 Hz, 1H), 7.99 (d, *J* = 7.5 Hz, 1H), 7.72 (t, *J* = 1.9 Hz, 1H), 7.67 (d, *J* = 1.9 Hz, 2H), 7.45 – 7.38 (m, 1H), 7.22 – 7.15 (m, 1H), 6.94 (t, *J* = 7.4 Hz, 1H), 6.84 – 6.78 (m, 1H), 5.28 (q, *J* = 6.1 Hz, 1H), 4.34 – 4.17 (m, 4H), 3.78 (d, *J* = 10.9 Hz, 2H), 3.52 (s, 2H), 3.09 (s, 2H), 2.29 – 2.20 (m, 1H), 2.14 – 2.05 (m, 1H).
664		LC-MS (Method L2): R_t = 4.11 min, m/z = 517/519 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.28 (d, *J* = 8.1 Hz, 1H), 8.86 (s, 1H), 8.26 (d, *J* = 7.6 Hz, 1H), 7.98 (d, *J* = 7.5 Hz, 1H), 7.72 (t, *J* = 2.0 Hz, 1H), 7.69 (d, *J* = 2.0 Hz, 2H), 7.39 (d, *J* = 7.3 Hz, 1H), 7.22 – 7.15 (m, 1H), 6.93 (t, *J* = 7.4 Hz, 1H), 6.81 (d, *J* = 8.1 Hz, 1H), 5.26 (q, *J* = 5.9 Hz, 1H), 4.31 – 4.22 (m, 2H), 2.91 (s, 6H), 2.27 – 2.15 (m, 1H), 2.14 – 2.01 (m, 1H).
665		LC-MS (Method M29): Rt = 2.82 min; m/z = 510 (M+H)+	^{1}H-NMR (300 MHz, DMSO-d6): δ [ppm] = 3.05 (s, 6H), 3.88 (dd, 1H), 4.04 (dd, 1H), 4.79 (d, 2H), 5.19-5.22 (m, 1H), 7.11-7.17 (m, 1H), 7.36 (dd, 2H), 7.62-7.67 (m, 4H), 7.80 (dd, 1H), 8.23 (dd, 1H), 8.63 (s, 1H), 9.14 (d, 1H).
677		LC-MS (Method L2): R_t = 2.83 min; m/z = 504 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.19 (dd, *J* = 8.3, 4.4 Hz, 1H), 8.80 – 8.67 (m, 2H), 7.83 (dd, *J* = 7.1, 1.2 Hz, 1H), 7.75 (dd, *J* = 8.6, 7.0 Hz, 1H), 7.61 (dtd, *J* = 11.0, 5.9, 3.0 Hz, 1H), 7.35 (dd, *J* = 7.7, 2.1 Hz, 1H), 7.22 (dp, *J* = 7.8, 2.4 Hz, 1H), 7.19 – 7.14 (m, 1H), 6.92 (dd, *J* = 8.0, 6.8 Hz, 1H), 6.79 (dd, *J* = 8.2, 1.2 Hz, 1H), 5.29 (q, *J* = 6.4 Hz, 1H), 4.26 (td, *J* = 7.4, 7.0, 3.3 Hz, 2H), 3.99 (t, *J* = 8.9 Hz, 1H), 3.31 – 3.22 (m, 4H), 3.02 (q, *J* = 8.3 Hz, 1H), 2.26 – 2.10 (m, 3H), 2.09 – 2.00 (m, 1H).
678		LC-MS (Method L11): R_t = 3.80 min and 3.84 min; m/z = 505 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.29 – 9.14 (m, 1H), 8.75 (s, 1H), 8.53 – 8.19 (m, 1H), 7.97 – 7.71 (m, 2H), 7.61 (qd, *J* = 8.8, 3.3 Hz, 1H), 7.37 (d, *J* = 7.8 Hz, 1H), 7.20 (dt, *J* = 27.0, 6.7 Hz, 2H), 6.93 (tt, *J* = 7.5, 1.4 Hz, 1H), 6.79 (dd, *J* = 8.2, 1.2 Hz, 1H), 5.30 (q, *J* = 6.2 Hz, 1H), 4.34 (p, *J* = 8.8, 8.2 Hz, 1H), 4.27 – 4.13 (m, 3H), 4.02 (dt, *J* = 29.8, 9.3 Hz, 1H), 3.87 – 3.56 (m, 1H), 3.25 – 3.15 (m, 1H), 2.44 – 2.36 (m, 1H), 2.32 – 2.18 (m, 2H), 2.10 – 2.01 (m, 1H).
679		LC-MS (Method L2): R_t = 2.83 min; m/z = 532 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 9.14 (d, *J* = 8.3 Hz, 1H), 8.72 (s, 1H), 8.53 (d, *J* = 8.5 Hz, 1H), 7.80 (dt, *J* = 15.6, 7.2 Hz, 2H), 7.61 (dq, *J* = 12.7, 8.0, 6.9 Hz, 1H), 7.40 (d, *J* = 7.6 Hz, 1H), 7.25 – 7.13 (m, 2H), 6.93 (t, *J* = 7.4 Hz, 1H), 6.79 (d, *J* = 8.3 Hz, 1H), 5.31 (q, *J* = 6.5 Hz, 1H), 4.31 – 4.19 (m, 2H), 2.94 (t, *J* = 11.7 Hz, 2H), 2.44 (d, *J* = 13.3 Hz, 3H), 2.25 (s, 4H), 2.00 (dt, *J* = 23.1, 11.4 Hz, 3H), 1.77 (dd, *J* = 22.3, 12.8 Hz, 2H).
680		LC-MS (Method L9): R_t = 3.973 min; m/z = 550/552 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 13.95 (d, *J* = 7.7 Hz, 1H), 9.35 (dd, *J* = 8.2, 2.8 Hz, 1H), 8.67 (d, *J* = 3.3 Hz, 1H), 7.66 (dd, *J* = 8.0, 1.5 Hz, 1H), 7.55 (d, *J* = 7.9 Hz, 1H), 7.44 – 7.34 (m, 2H), 7.30 (t, *J* = 7.4, 1.5 Hz, 1H), 7.17 (t, *J* = 7.8 Hz, 1H), 6.96 (d, *J* = 8.0 Hz, 1H), 6.92 (t, *J* = 7.7 Hz, 1H), 6.79 (dd, *J* = 8.2, 1.2 Hz, 1H), 5.25 (q, 1H), 4.35 – 4.15 (m, 2H), 3.85 (bs, 4H), 3.32 (bs, 4H; coincides with water signal), 2.30 – 2.15 (m, 1H), 2.13 – 1.99 (m, 1H).
681		LC-MS (Method L2): R_t = 4.067 min; m/z = 550/552 $(M+H)^+$.	1H-NMR (400 MHz, DMSO-*d6*) δ 14.16 (s, 1H), 9.36 (d, *J* = 8.0 Hz, 1H), 8.79 (d, *J* = 1.6 Hz, 1H), 7.75 (dd, *J* = 8.1, 1.6 Hz, 1H), 7.61 – 7.54 (m, 3H), 7.41 (d, *J* = 7.8 Hz, 1H), 7.22 – 7.14 (m, 1H), 6.99 – 6.90 (m, 2H), 6.81 (dd, *J* = 8.2, 1.4 Hz, 1H), 5.28 (q, *J* = 6.3 Hz, 1H), 4.35 – 4.18 (m, 2H), 3.85 (bs, 4H), 3.32 (bs, 4H; coincides with water peak), 2.29 – 2.17 (m, 1H), 2.14 – 2.02 (m, 1H).
682		LC-MS (Method L9): R_t = 4.036 min; m/z = 508/510 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d6*) δ 14.15 (s, 1H), 9.30 (d, *J* = 8.0 Hz, 1H), 8.67 (d, *J* = 2.4 Hz, 1H), 7.65 (dd, *J* = 8.0, 1.6 Hz, 1H), 7.53 (d, *J* = 8.0 Hz, 1H), 7.44 – 7.33 (m, 2H), 7.33 – 7.26 (m, 1H), 7.17 (t, *J* = 7.6 Hz, 1H), 6.92 (dd, *J* = 7.9, 2.9 Hz, 2H), 6.79 (dd, *J* = 8.3, 1.2 Hz, 1H), 5.24 (q, *J* = 6.0 Hz, 1H), 4.31 – 4.20 (m, 2H), 2.99 (s, 6H), 2.23 – 2.15 (m, 1H), 2.09 – 1.99 (m, 1H).

683		LC-MS (Method L2): R_t = 3.335 min; m/z = 508/510 $(M+H)^+$.	^{1}H-NMR (400 MHz, DMSO-*d*6) δ 14.36 (s, 1H), 9.32 (d, *J* = 8.0 Hz, 1H), 8.79 (s, 1H), 7.74 (d, *J* = 8.1 Hz, 1H), 7.61 – 7.57 (m, 2H), 7.57 – 7.54 (m, 1H), 7.39 (dd, *J* = 7.8, 1.6 Hz, 1H), 7.18 (td, *J* = 7.8, 7.3, 1.7 Hz, 1H), 6.97 – 6.90 (m, 2H), 6.81 (d, *J* = 8.2, 1.2 Hz, 1H), 5.26 (q, *J* = 5.9 Hz, 1H), 4.33 – 4.18 (m, 2H), 2.99 (s, 6H), 2.27 – 2.16 (m, 1H), 2.13 – 2.02 (m, 1H).
689		LC-MS (Method M48): Rt = 2.70 min; m/z = 556 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.10-2.11 (m, 1H), 2.20-2.25 (m, 1H), 3.20-3.25 (m, 4H), 3.73-3.74 (m, 4H), 4.24-4.32 (m, 2H), 5.24 (q, 1H), 6.81 (dd, 1H), 6.95 (t, 1H), 7.19 (t, 1H), 7.39 (d, 1H), 7.54-7.55 (m, 1H), 7.77-7.83 (m, 2H), 8.68 (s, 1H), 9.24 (d, 1H).
690		LC-MS (Method M29): Rt = 2.91 min; m/z = 514 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.05-2.10 (m, 1H), 2.19-2.22 (m, 1H), 2.97 (s, 6H), 4.23-4.29 (m, 2H), 5.22-5.24 (m, 1H), 6.81 (d, 1H), 6.94 (t, 1H), 7.17-7.21 (m, 1H), 7.36 (d, 1H), 7.52 (s, 1H), 7.72-7.75 (m, 2H), 8.59 (s, 1H), 9.14 (d, 1H).
691		LC-MS (Method M48): Rt = 2.41 min; m/z = 570 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm] = 2.06-2.10 (m, 1H), 2.20-2.24 (m, 1H), 3.27-3.32 (m, 4H), 3.72-3.73 (m, 4H), 4.24-4.29 (m, 2H), 5.24 (q, 1H), 6.81 (d, 1H), 6.95-6.97 (m, 1H), 7.17-7.19 (m, 1H), 7.38-7.40 (m, 1H), 7.70-7.78 (m,4H), 8.65 (s, 1H), 9.24 (d, 1H).
692		LC-MS (Method M7): Rt = 1.67 min; m/z = 528 (M+H)+	^{1}H-NMR (400 MHz, CD_3OD-d4): δ [ppm] = 2.18-2.23 (m, 1H), 2.26-2.33 (m, 1H), 3.09 (d, 6H), 4.24-4.32 (m, 2H), 5.30 (t, 1H), 6.80-6.83 (m, 1H), 6.91-6.96 (m, 1H),7.15-7.20 (m, 1H), 7.33-7.36 (m, 1H), 7.50-7.58 (m, 4H), 8.50 (s, 1H).
693		LC-MS (Method M7): Rt = 1.71 min; m/z = 570 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm]= 2.08-2.10 (m, 1H), 2.22-2.25 (m,1 H), 3.20-3.32 (m, 4H), 3.70 (s, 4H), 4.23-4.30 (m, 2H), 5.24 (q, 1H), 6.81 (d, 1H), 6.94 (t,1H), 7.19 (t, 1H), 7.39 (d, 1H), 7.57 (t, 1H), 7.63-7.65 (m, 1H), 7.78-7.85 (m, 2H), 8.68 (s, 1H), 9.22 (t, 1H).
694		LC-MS (Method M7): Rt = 1.61 min; m/z = 528 (M+H)+	^{1}H-NMR (400 MHz, DMSO-d6): δ [ppm]=2.05-2.07 (m, 1H), 2.18-2.21 (m,1H), 2.97 (s, 6H), 4.23-4.29 (m, 2H), 5.21 (q, 1H), 6.81 (d, 1H), 6.94 (t, 1H), 7.19 (t, 1H), 7.36 (d, 1H), 7.53-7.57 (m, 1H), 7.63-7.64 (m,1H), 7.72 (d, 1H), 7.81-7.84 (m, 1H), 8.58 (s, 1H), 9.12-9.14 (m, 1H).
374		LC-MS (Method L1): Rt = 1.38 min; m/z = 602 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.57), -0.008 (14.94), 0.008 (13.32), 0.146 (1.57), 2.038 (0.71), 2.103 (0.71), 2.179 (0.86), 2.214 (1.11), 2.327 (1.52), 2.366 (1.11), 2.523 (4.71), 2.670 (1.62), 2.694 (1.01), 2.709 (1.16), 3.363 (2.08), 3.379 (1.47), 3.405 (1.47), 3.436 (1.52), 3.462 (1.37), 3.490 (0.76), 4.120 (3.70), 4.204 (0.96), 4.258 (1.67), 4.278 (1.92), 4.287 (1.97), 4.645 (0.96), 5.243 (1.06), 5.285 (0.96), 6.798 (3.54), 6.818 (4.00), 6.861 (0.86), 6.879 (1.77), 6.899 (1.06), 6.924 (0.91), 6.945 (1.82), 6.961 (1.11), 7.160 (1.06), 7.178 (1.67), 7.188 (1.77), 7.285 (1.47), 7.304 (1.32), 7.418 (1.57), 7.435 (1.52), 7.646 (14.89), 7.648 (16.00), 7.681 (0.86), 7.717 (2.43), 7.735 (3.49), 7.756 (3.14), 7.868 (4.00), 7.886 (3.19), 8.329 (1.87), 8.346 (2.53), 8.363 (1.57), 8.773 (6.43), 8.786 (6.73), 8.962 (0.61), 9.262 (1.82), 9.282 (3.29), 9.303 (1.57).
375		LC-MS (Method L1): Rt = 0.93 min; MS (ESIpos): m/z = 536 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.028 (0.47), 2.050 (0.77), 2.065 (0.73), 2.132 (0.72), 2.145 (0.85), 2.160 (0.51), 3.644 (16.00), 4.253 (1.62), 4.264 (2.51), 4.279 (1.47), 4.388 (1.53), 4.404 (1.52), 4.412 (1.50), 4.429 (1.52), 5.206 (0.44), 5.221 (0.97), 5.240 (0.94), 5.255 (0.45), 5.754 (0.63), 6.782 (1.85), 6.802 (2.07), 6.891 (0.88), 6.910 (1.89), 6.928 (1.09), 7.147 (0.94), 7.165 (1.54), 7.183 (0.71), 7.302 (1.62), 7.321 (1.48), 7.575 (1.18), 7.594 (1.75), 7.616 (3.91), 7.626 (8.51), 7.631 (4.90), 7.769 (2.16), 7.787 (1.79), 8.075 (0.67), 8.091 (1.40), 8.106 (0.67), 8.160 (0.82), 8.351 (1.65), 8.372 (1.58), 8.522 (5.37), 9.077 (1.61), 9.098 (1.57).
376		LC-MS Method L1): Rt = 1.21 min; MS (ESIpos): m/z = 449 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.28), 2.074 (0.92), 2.081 (0.95), 2.090 (1.23), 2.099 (1.37), 2.107 (1.62), 2.115 (1.60), 2.167 (1.52), 2.189 (1.28), 2.328 (0.53), 2.671 (0.49), 4.258 (0.94), 4.276 (2.38), 4.286 (2.24), 4.307 (2.99), 4.317 (2.25), 4.325 (2.52), 4.345 (0.91), 5.311 (1.02), 5.327 (2.32), 5.344 (2.34), 5.361 (1.07), 6.814 (4.66), 6.835 (5.19), 6.877 (2.09), 6.894 (4.48), 6.912 (2.65), 7.163 (2.38), 7.181 (3.70), 7.202 (1.79), 7.253 (3.98), 7.272 (3.65), 7.400 (3.14), 7.405 (3.55), 7.420 (6.02), 7.424 (5.83), 7.457 (5.34), 7.477 (7.81), 7.496 (3.47), 7.718 (5.20), 7.723 (5.42), 7.738 (4.66), 7.742 (4.46), 7.755 (1.40), 7.772 (6.63), 7.781 (7.42), 7.789 (16.00), 7.798 (1.88), 8.164 (3.15), 8.173 (2.91), 8.180 (2.79), 8.188 (2.77), 8.943 (7.32), 8.948 (7.68), 9.208 (4.01), 9.217 (9.88), 9.222 (9.87), 9.228 (4.19).

386		LC-MS (Method L1): Rt = 1.36 min; MS (ESIpos): m/z = 526 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.19), -0.008 (9.91), 0.146 (1.21), 1.523 (9.91), 1.529 (10.20), 1.541 (11.31), 1.552 (14.84), 1.572 (12.60), 2.009 (1.32), 2.018 (1.45), 2.028 (1.53), 2.045 (2.19), 2.052 (1.79), 2.072 (1.11), 2.178 (1.87), 2.190 (1.79), 2.200 (1.69), 2.327 (1.11), 2.366 (1.08), 2.669 (1.16), 2.709 (1.08), 3.848 (1.69), 4.207 (1.05), 4.226 (3.16), 4.234 (2.79), 4.245 (4.93), 4.254 (5.27), 4.270 (2.85), 4.289 (0.90), 5.243 (1.19), 5.258 (2.66), 5.276 (2.74), 5.292 (1.13), 5.753 (6.70), 6.771 (5.67), 6.791 (6.19), 6.895 (2.45), 6.914 (5.22), 6.933 (3.03), 7.141 (2.95), 7.159 (4.56), 7.176 (2.19), 7.327 (2.64), 7.334 (2.87), 7.353 (2.53), 7.465 (3.58), 7.471 (3.85), 7.489 (3.95), 7.495 (3.98), 7.736 (16.00), 7.745 (7.93), 7.752 (7.78), 7.769 (1.27), 7.911 (8.30), 7.918 (8.20), 8.473 (3.87), 8.483 (3.43), 8.489 (3.37), 8.498 (3.51), 8.669 (7.54), 8.679 (8.20), 9.119 (5.19), 9.139 (5.06).
392		LC-MS (Method L1): Rt = 0.85 min; MS (ESIpos): m/z = 522 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.44), -0.008 (3.87), 0.008 (3.75), 0.146 (0.44), 1.235 (0.52), 2.012 (0.57), 2.023 (0.75), 2.033 (0.65), 2.046 (1.16), 2.060 (1.08), 2.073 (1.84), 2.135 (0.41), 2.149 (1.12), 2.163 (1.23), 2.181 (0.72), 2.199 (0.67), 2.327 (0.42), 2.366 (0.41), 2.523 (1.29), 2.670 (0.43), 2.710 (0.44), 4.252 (2.47), 4.264 (4.03), 4.278 (2.39), 4.512 (0.46), 4.544 (1.08), 4.577 (2.07), 4.606 (1.41), 4.637 (1.95), 4.647 (2.10), 4.661 (0.77), 4.676 (0.74), 4.691 (0.69), 4.705 (0.72), 4.718 (0.44), 5.178 (0.62), 5.193 (1.42), 5.212 (1.43), 5.226 (0.63), 5.411 (0.80), 5.557 (0.79), 5.754 (4.87), 6.791 (2.68), 6.812 (2.97), 6.894 (1.29), 6.897 (1.35), 6.915 (2.76), 6.931 (1.62), 6.934 (1.63), 7.150 (1.32), 7.154 (1.43), 7.171 (2.22), 7.189 (1.09), 7.192 (1.09), 7.314 (2.35), 7.331 (2.17), 7.472 (1.95), 7.490 (2.54), 7.493 (2.57), 7.511 (2.33), 7.614 (16.00), 7.737 (3.27), 7.753 (2.63), 7.755 (2.75), 8.065 (2.69), 8.084 (2.39), 8.181 (0.62), 8.488 (9.91), 9.045 (2.49), 9.065 (2.43).
393		LC-MS (Method L1): Rt = 1.31 min; MS (ESIpos): m/z = 550 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.46), 0.146 (0.50), 2.004 (1.48), 2.054 (1.02), 2.073 (1.42), 2.129 (0.86), 2.179 (1.60), 2.192 (1.83), 2.203 (1.71), 2.214 (1.57), 2.327 (0.49), 2.366 (0.54), 2.669 (0.51), 2.710 (0.49), 3.015 (0.72), 3.192 (1.52), 3.220 (1.63), 3.403 (0.84), 3.429 (1.56), 3.454 (1.45), 4.219 (0.48), 4.240 (1.51), 4.248 (1.25), 4.261 (2.24), 4.270 (2.16), 4.287 (1.32), 4.306 (0.49), 4.909 (0.62), 5.030 (0.63), 5.226 (0.65), 5.241 (1.44), 5.260 (1.43), 5.274 (0.66), 6.787 (2.64), 6.807 (2.91), 6.912 (1.29), 6.931 (2.76), 6.950 (1.60), 7.156 (1.39), 7.174 (2.28), 7.195 (1.06), 7.368 (2.41), 7.386 (2.21), 7.636 (16.00), 7.682 (1.66), 7.701 (2.56), 7.721 (2.23), 7.826 (3.11), 7.844 (2.39), 8.205 (2.59), 8.225 (2.30), 8.680 (8.42), 9.126 (2.54), 9.147 (2.47).
394		LC-MS (Method L1): Rt = 1.00 min; MS (ESIpos): m/z = 540 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.00), 0.008 (2.42), 2.044 (0.47), 2.054 (0.42), 2.066 (0.71), 2.080 (0.65), 2.169 (0.68), 2.183 (0.74), 2.202 (0.45), 2.219 (0.41), 2.523 (0.83), 4.253 (1.55), 4.266 (2.43), 4.279 (1.48), 4.798 (2.52), 4.830 (5.19), 4.861 (2.27), 5.198 (0.90), 5.217 (0.92), 5.754 (0.78), 6.795 (1.66), 6.815 (1.81), 6.902 (0.81), 6.918 (1.67), 6.937 (0.99), 7.155 (0.84), 7.159 (0.87), 7.176 (1.38), 7.194 (0.66), 7.340 (1.43), 7.359 (1.33), 7.517 (1.16), 7.535 (1.55), 7.538 (1.50), 7.556 (1.38), 7.620 (16.00), 7.779 (1.90), 7.795 (1.64), 8.074 (1.60), 8.093 (1.48), 8.170 (0.52), 8.557 (5.90), 9.136 (1.49), 9.156 (1.43).
396		LC-MS (Method L1): Rt = 1.18 min; MS (ESIpos): m/z = 526 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (3.25), 1.618 (0.63), 1.631 (0.69), 1.648 (0.77), 1.909 (0.75), 1.922 (0.75), 1.930 (0.75), 1.943 (0.59), 2.327 (0.50), 2.366 (0.50), 2.669 (0.53), 2.710 (0.51), 3.929 (0.61), 3.951 (1.23), 3.972 (0.85), 4.084 (0.88), 4.094 (0.85), 4.102 (1.06), 4.122 (0.64), 4.979 (0.55), 4.994 (1.22), 5.013 (1.22), 5.028 (0.55), 6.717 (2.55), 6.737 (2.73), 6.787 (5.10), 6.797 (4.07), 7.101 (0.99), 7.113 (1.39), 7.123 (1.52), 7.134 (1.07), 7.144 (0.75), 7.421 (1.35), 7.489 (1.36), 7.580 (1.91), 7.601 (2.47), 7.699 (16.00), 7.717 (2.39), 7.739 (1.49), 7.940 (2.48), 7.956 (2.12), 8.753 (1.33), 8.764 (1.43), 8.806 (1.46), 8.817 (1.31), 8.867 (1.92), 8.888 (1.86), 9.071 (6.62).
397		LC-MS (Method L1): Rt = 1.05 min; MS (ESIpos): m/z = 541 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.62), 0.844 (1.37), 0.859 (1.40), 1.235 (0.54), 1.800 (0.44), 2.047 (0.57), 2.523 (1.33), 2.670 (0.42), 4.167 (0.67), 5.116 (0.76), 6.516 (0.46), 6.737 (2.19), 6.757 (2.43), 6.847 (1.09), 6.865 (0.73), 7.118 (1.00), 7.136 (1.73), 7.154 (0.84), 7.465 (0.93), 7.679 (16.00), 7.726 (1.42), 7.747 (2.19), 7.765 (2.16), 7.869 (2.66), 7.890 (1.84), 7.917 (2.54), 7.920 (2.39), 7.934 (2.12), 8.852 (1.93), 8.873 (1.95), 8.981 (6.99).

398		LC-MS (Method L1): Rt = 1.38 min; MS (ESIpos): m/z = 568 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.48), 0.008 (2.72), 2.032 (0.71), 2.039 (0.77), 2.052 (0.85), 2.067 (1.16), 2.074 (0.99), 2.082 (0.73), 2.181 (0.77), 2.192 (1.10), 2.204 (1.13), 2.214 (1.15), 2.251 (1.94), 2.289 (2.48), 2.322 (1.97), 2.366 (0.45), 3.331 (1.13), 3.348 (2.49), 3.364 (4.98), 3.378 (4.86), 3.393 (2.42), 3.410 (0.88), 4.210 (0.45), 4.217 (0.58), 4.238 (1.67), 4.245 (1.31), 4.259 (1.70), 4.266 (2.15), 4.275 (1.76), 4.281 (1.44), 4.290 (1.42), 4.303 (0.49), 4.309 (0.58), 5.228 (0.69), 5.243 (1.61), 5.262 (1.61), 5.276 (0.71), 6.789 (3.07), 6.810 (3.40), 6.911 (1.52), 6.929 (3.14), 6.948 (1.84), 7.156 (1.45), 7.159 (1.59), 7.176 (2.50), 7.194 (1.18), 7.198 (1.22), 7.367 (2.67), 7.384 (2.44), 7.636 (5.96), 7.639 (16.00), 7.692 (2.00), 7.713 (2.93), 7.731 (2.60), 7.847 (3.64), 7.864 (2.74), 8.262 (3.00), 8.283 (2.65), 8.719 (10.73), 9.173 (2.85), 9.193 (2.80).
404		LC-MS (Method L1): Rt = 1.37 min; MS (ESIpos): m/z = 503 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.92), -0.008 (7.44), 0.008 (8.20), 0.146 (0.97), 1.759 (0.46), 1.783 (1.32), 1.806 (1.48), 1.830 (0.56), 2.045 (1.32), 2.071 (2.55), 2.096 (1.99), 2.117 (0.82), 2.179 (1.12), 2.191 (1.17), 2.201 (1.07), 2.270 (0.97), 2.295 (1.43), 2.322 (2.50), 2.327 (2.39), 2.347 (1.43), 2.366 (1.99), 2.523 (4.48), 2.605 (1.22), 2.626 (2.60), 2.650 (2.45), 2.669 (2.29), 2.710 (1.58), 4.221 (0.61), 4.241 (1.89), 4.249 (1.68), 4.260 (2.80), 4.269 (3.26), 4.283 (1.73), 4.301 (0.61), 4.343 (0.41), 4.366 (1.02), 4.387 (1.63), 4.407 (0.97), 5.218 (0.82), 5.233 (1.73), 5.252 (1.78), 5.266 (0.82), 6.781 (3.26), 6.801 (3.62), 6.902 (1.68), 6.921 (3.46), 6.940 (2.09), 7.145 (1.68), 7.149 (1.83), 7.166 (2.75), 7.187 (1.38), 7.342 (2.90), 7.359 (2.70), 7.630 (8.76), 7.635 (16.00), 7.645 (4.54), 7.649 (3.52), 7.654 (1.58), 7.684 (2.39), 7.702 (3.26), 7.705 (3.11), 7.723 (3.11), 7.828 (3.87), 7.831 (4.23), 7.846 (3.16), 7.849 (3.26), 8.185 (3.31), 8.203 (2.96), 8.747 (11.87), 9.091 (3.11), 9.111 (3.01).
406		LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 457 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.56), 0.008 (1.55), 1.529 (14.85), 1.546 (16.00), 1.555 (15.65), 1.573 (14.94), 2.014 (0.47), 2.030 (1.05), 2.038 (1.09), 2.048 (1.15), 2.056 (1.17), 2.065 (1.65), 2.072 (1.41), 2.080 (1.01), 2.089 (0.68), 2.171 (0.64), 2.181 (1.09), 2.193 (1.44), 2.204 (1.41), 2.214 (1.31), 2.228 (0.85), 2.236 (0.73), 2.248 (0.47), 3.830 (0.61), 3.848 (1.53), 3.866 (2.04), 3.884 (1.51), 3.902 (0.60), 4.211 (0.53), 4.219 (0.74), 4.239 (2.42), 4.247 (2.13), 4.258 (3.89), 4.267 (4.11), 4.282 (2.22), 4.294 (0.55), 4.301 (0.71), 4.310 (0.46), 5.261 (1.00), 5.276 (2.23), 5.296 (2.26), 5.310 (1.00), 6.781 (4.24), 6.801 (4.69), 6.910 (2.06), 6.912 (2.10), 6.928 (4.40), 6.930 (4.40), 6.947 (2.64), 6.949 (2.57), 7.146 (2.14), 7.149 (2.30), 7.167 (3.62), 7.185 (1.70), 7.188 (1.71), 7.348 (3.81), 7.366 (3.51), 7.449 (0.88), 7.454 (1.79), 7.459 (1.26), 7.468 (3.22), 7.473 (6.43), 7.478 (6.93), 7.497 (7.07), 7.516 (3.62), 7.521 (3.95), 7.525 (5.85), 7.529 (3.35), 7.539 (1.50), 7.542 (2.10), 7.547 (1.25), 7.624 (6.23), 7.709 (2.59), 7.726 (4.37), 7.748 (4.22), 7.789 (5.28), 7.791 (5.67), 7.806 (3.43), 7.809 (3.21), 8.415 (3.92), 8.434 (3.66), 8.730 (14.75), 9.099 (3.83), 9.120 (3.74).
407		LC-MS (Method L1): Rt = 1.31 min; MS (ESIpos): m/z = 507 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.46), 0.008 (4.67), 0.146 (0.51), 1.530 (14.63), 1.548 (16.00), 1.557 (15.62), 1.575 (14.69), 2.030 (1.04), 2.039 (1.13), 2.056 (1.22), 2.065 (1.66), 2.073 (1.40), 2.081 (1.00), 2.172 (0.67), 2.181 (1.08), 2.193 (1.51), 2.205 (1.40), 2.214 (1.35), 2.229 (0.87), 2.248 (0.49), 2.327 (0.62), 2.366 (0.53), 2.670 (0.66), 2.710 (0.58), 3.830 (0.62), 3.849 (1.53), 3.866 (2.02), 3.885 (1.48), 3.903 (0.58), 4.217 (0.77), 4.237 (2.46), 4.245 (2.06), 4.257 (3.81), 4.266 (3.83), 4.283 (2.19), 4.302 (0.77), 5.262 (1.00), 5.276 (2.28), 5.296 (2.28), 5.310 (1.00), 6.781 (4.30), 6.802 (4.74), 6.912 (2.10), 6.928 (4.43), 6.947 (2.61), 7.147 (2.22), 7.150 (2.30), 7.167 (3.61), 7.185 (1.73), 7.189 (1.71), 7.344 (3.83), 7.362 (3.72), 7.399 (2.33), 7.415 (2.61), 7.478 (0.44), 7.498 (0.67), 7.561 (4.92), 7.579 (1.68), 7.598 (6.14), 7.608 (4.99), 7.615 (10.39), 7.627 (1.57), 7.706 (0.73), 7.720 (3.01), 7.738 (4.46), 7.760 (4.03), 7.815 (5.50), 7.830 (3.57), 8.429 (3.90), 8.448 (3.68), 8.717 (14.67), 9.099 (3.86), 9.120 (3.81).

408		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 509 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.533 (14.48), 1.551 (16.00), 1.559 (15.43), 1.577 (14.51), 2.019 (1.10), 2.027 (1.16), 2.037 (1.29), 2.043 (1.30), 2.053 (1.77), 2.061 (1.48), 2.069 (1.06), 2.170 (1.16), 2.182 (1.57), 2.193 (1.49), 2.204 (1.42), 2.216 (0.97), 2.669 (0.41), 3.835 (0.65), 3.852 (1.60), 3.870 (2.11), 3.888 (1.53), 3.906 (0.64), 4.206 (0.81), 4.227 (2.52), 4.234 (2.16), 4.247 (3.95), 4.256 (3.84), 4.273 (2.27), 4.292 (0.78), 5.247 (1.07), 5.261 (2.45), 5.280 (2.43), 5.295 (1.05), 6.773 (4.46), 6.793 (5.02), 6.899 (2.19), 6.917 (4.73), 6.936 (2.74), 7.142 (2.33), 7.161 (3.88), 7.179 (1.81), 7.338 (4.13), 7.357 (3.80), 7.499 (2.10), 7.518 (4.65), 7.538 (2.73), 7.571 (0.56), 7.591 (1.20), 7.610 (0.68), 7.746 (2.26), 7.763 (5.20), 7.774 (3.98), 7.784 (4.83), 7.806 (5.93), 7.826 (3.63), 7.848 (3.46), 7.865 (1.75), 7.910 (0.66), 7.926 (0.75), 7.945 (0.64), 8.492 (3.95), 8.513 (3.73), 8.684 (13.95), 9.126 (4.03), 9.147 (3.92).
409		LC-MS (Method L1): Rt = 1.24 min; MS (ESIpos): m/z = 475 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.49), -0.008 (4.30), 0.008 (4.43), 0.146 (0.48), 1.531 (14.92), 1.549 (16.00), 1.558 (15.65), 1.576 (14.94), 2.016 (1.06), 2.025 (1.12), 2.034 (1.15), 2.041 (1.17), 2.051 (1.63), 2.059 (1.41), 2.067 (1.01), 2.163 (0.62), 2.172 (1.08), 2.184 (1.45), 2.196 (1.41), 2.205 (1.30), 2.219 (0.84), 2.226 (0.75), 2.239 (0.48), 2.327 (0.49), 2.366 (0.70), 2.669 (0.59), 2.709 (0.71), 3.828 (0.60), 3.845 (1.48), 3.863 (1.98), 3.881 (1.45), 3.899 (0.57), 4.202 (0.55), 4.210 (0.79), 4.230 (2.42), 4.238 (2.09), 4.249 (3.86), 4.258 (3.99), 4.275 (2.18), 4.286 (0.59), 4.294 (0.75), 4.302 (0.48), 5.250 (0.99), 5.264 (2.18), 5.284 (2.22), 5.298 (0.99), 6.774 (4.12), 6.792 (4.36), 6.795 (4.54), 6.900 (2.03), 6.902 (2.11), 6.919 (4.30), 6.921 (4.32), 6.937 (2.60), 6.940 (2.56), 7.140 (2.12), 7.144 (2.29), 7.161 (3.50), 7.179 (1.70), 7.182 (1.70), 7.309 (2.18), 7.329 (5.82), 7.339 (3.97), 7.348 (4.54), 7.357 (3.62), 7.384 (2.38), 7.388 (2.82), 7.399 (2.69), 7.403 (3.70), 7.418 (1.65), 7.423 (1.54), 7.628 (1.94), 7.633 (2.05), 7.648 (3.06), 7.666 (1.81), 7.670 (1.70), 7.730 (2.00), 7.748 (4.98), 7.768 (6.90), 7.771 (6.96), 7.776 (6.74), 7.788 (2.22), 7.793 (1.39), 8.470 (3.41), 8.475 (3.42), 8.491 (3.33), 8.495 (3.17), 8.692 (14.76), 9.114 (3.73), 9.135 (3.70).
410		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 475 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.13), 0.008 (3.29), 0.146 (0.40), 1.528 (14.85), 1.546 (16.00), 1.555 (15.61), 1.573 (15.00), 2.001 (0.49), 2.016 (1.06), 2.025 (1.11), 2.035 (1.18), 2.042 (1.17), 2.052 (1.64), 2.059 (1.39), 2.067 (1.00), 2.163 (0.65), 2.173 (1.07), 2.185 (1.47), 2.197 (1.40), 2.207 (1.31), 2.218 (0.85), 2.327 (0.48), 2.366 (0.42), 2.669 (0.53), 2.709 (0.46), 3.821 (0.64), 3.839 (1.49), 3.857 (1.95), 3.874 (1.44), 3.892 (0.60), 4.202 (0.56), 4.210 (0.78), 4.230 (2.43), 4.238 (2.08), 4.249 (3.91), 4.259 (3.92), 4.275 (2.22), 4.294 (0.76), 5.251 (1.01), 5.265 (2.22), 5.285 (2.26), 5.300 (0.99), 6.774 (4.47), 6.795 (4.89), 6.900 (2.08), 6.903 (2.17), 6.921 (4.49), 6.937 (2.63), 6.940 (2.65), 7.141 (2.17), 7.144 (2.30), 7.162 (3.63), 7.179 (1.71), 7.183 (1.71), 7.323 (3.21), 7.338 (4.16), 7.345 (6.69), 7.355 (3.75), 7.368 (3.97), 7.485 (2.85), 7.492 (4.04), 7.500 (2.96), 7.507 (4.05), 7.515 (2.58), 7.522 (2.10), 7.525 (2.92), 7.533 (1.86), 7.536 (2.35), 7.544 (1.88), 7.547 (2.22), 7.554 (1.51), 7.721 (2.43), 7.739 (4.57), 7.760 (4.71), 7.785 (5.80), 7.799 (2.83), 8.463 (3.64), 8.466 (3.77), 8.484 (3.54), 8.487 (3.37), 8.687 (15.55), 9.113 (3.86), 9.133 (3.75).
411		LC-MS (Method L1): Rt = 1.31 min; MS (ESIpos): m/z = 491 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.52), -0.008 (4.69), 0.008 (4.82), 0.146 (0.52), 1.534 (14.70), 1.552 (16.00), 1.560 (15.73), 1.578 (14.85), 2.031 (1.01), 2.039 (1.07), 2.056 (1.17), 2.066 (1.67), 2.074 (1.42), 2.170 (0.64), 2.191 (1.44), 2.203 (1.40), 2.213 (1.34), 2.225 (0.87), 2.328 (0.66), 2.366 (0.78), 2.670 (0.70), 2.710 (0.72), 3.840 (0.62), 3.856 (1.50), 3.874 (2.00), 3.892 (1.50), 3.909 (0.58), 4.216 (0.76), 4.236 (2.41), 4.245 (2.10), 4.256 (3.85), 4.265 (3.95), 4.282 (2.20), 4.300 (0.76), 5.259 (0.97), 5.274 (2.22), 5.293 (2.27), 5.308 (1.01), 6.781 (4.32), 6.801 (4.72), 6.910 (2.06), 6.928 (4.39), 6.945 (2.59), 7.145 (2.20), 7.149 (2.33), 7.167 (3.62), 7.184 (1.71), 7.188 (1.69), 7.347 (3.77), 7.364 (3.48), 7.511 (0.54), 7.694 (1.57), 7.713 (4.35), 7.732 (6.71), 7.750 (4.76), 7.754 (5.35), 7.759 (5.37), 7.771 (4.57), 7.836 (5.46), 7.852 (3.71), 7.874 (3.95), 7.897 (7.35), 8.441 (3.99), 8.461 (3.67), 8.721 (15.16), 9.107 (3.85), 9.128 (3.77).

412		LC-MS (Method L1): Rt = 1.12 min; MS (ESIpos): m/z = 542 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.146 (0.43), 1.233 (0.49), 1.756 (0.67), 1.768 (0.74), 1.784 (0.78), 2.002 (0.81), 2.015 (0.83), 2.023 (0.78), 2.037 (0.56), 2.327 (0.67), 2.366 (0.58), 2.669 (0.76), 2.709 (0.61), 3.946 (0.74), 3.967 (1.32), 3.988 (0.85), 4.134 (0.94), 4.152 (1.10), 4.171 (0.72), 5.059 (0.65), 5.074 (1.28), 5.093 (1.21), 5.107 (0.54), 6.729 (2.29), 6.749 (2.44), 6.854 (0.94), 6.874 (2.31), 6.892 (1.77), 6.932 (2.42), 6.949 (1.39), 7.094 (5.94), 7.108 (1.79), 7.130 (1.99), 7.147 (1.01), 7.685 (16.00), 7.719 (1.55), 7.738 (2.20), 7.758 (2.11), 7.861 (2.62), 7.880 (1.93), 7.921 (2.62), 7.938 (2.15), 8.272 (1.86), 8.864 (2.29), 8.884 (2.13), 8.993 (6.79).
418		LC-MS (Method L1): Rt = 1.23 min; MS (ESIpos): m/z = 475 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.65), 0.008 (1.55), 1.529 (9.91), 1.546 (10.68), 1.556 (11.45), 1.574 (10.97), 2.011 (0.79), 2.019 (0.83), 2.029 (0.86), 2.036 (0.88), 2.046 (1.25), 2.054 (1.05), 2.061 (0.78), 2.070 (0.55), 2.085 (16.00), 2.158 (0.47), 2.167 (0.82), 2.180 (1.09), 2.191 (1.07), 2.201 (0.98), 2.212 (0.63), 2.523 (0.80), 3.816 (0.45), 3.833 (1.04), 3.851 (1.38), 3.869 (1.03), 3.887 (0.42), 4.208 (0.56), 4.228 (1.84), 4.236 (1.62), 4.247 (2.92), 4.255 (3.09), 4.271 (1.69), 4.283 (0.43), 4.290 (0.53), 5.247 (0.74), 5.261 (1.64), 5.281 (1.65), 5.295 (0.75), 6.771 (3.27), 6.791 (3.58), 6.894 (1.53), 6.897 (1.53), 6.913 (3.26), 6.932 (1.99), 6.934 (1.87), 7.137 (1.66), 7.141 (1.75), 7.158 (2.68), 7.175 (1.32), 7.179 (1.28), 7.258 (1.26), 7.279 (1.22), 7.293 (1.89), 7.301 (1.38), 7.315 (2.98), 7.323 (2.78), 7.331 (2.81), 7.336 (2.95), 7.344 (2.35), 7.349 (2.44), 7.577 (1.76), 7.590 (1.90), 7.599 (1.75), 7.612 (1.58), 7.682 (1.73), 7.686 (2.13), 7.700 (4.61), 7.703 (4.23), 7.717 (3.84), 7.738 (3.71), 7.756 (1.81), 8.452 (2.70), 8.456 (2.79), 8.473 (2.60), 8.477 (2.48), 8.660 (9.72), 9.115 (2.91), 9.136 (2.80).
419		LC-MS (Method L1): Rt = 1.30 min; MS (ESIpos): m/z = 475 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.50), -0.008 (4.19), 0.008 (4.14), 0.146 (0.48), 1.525 (14.78), 1.543 (16.00), 1.552 (15.64), 1.569 (14.85), 2.030 (1.00), 2.038 (1.03), 2.048 (1.12), 2.055 (1.12), 2.065 (1.63), 2.073 (1.39), 2.081 (1.00), 2.171 (0.65), 2.180 (1.08), 2.192 (1.46), 2.204 (1.39), 2.214 (1.24), 2.228 (0.84), 2.327 (0.79), 2.366 (0.62), 2.669 (0.84), 2.709 (0.67), 3.832 (0.62), 3.848 (1.48), 3.866 (2.03), 3.884 (1.48), 3.902 (0.60), 4.210 (0.55), 4.219 (0.79), 4.239 (2.42), 4.247 (2.06), 4.258 (3.87), 4.267 (3.99), 4.283 (2.18), 4.302 (0.72), 4.311 (0.50), 5.260 (0.96), 5.275 (2.20), 5.294 (2.22), 5.309 (0.98), 6.781 (4.28), 6.802 (4.71), 6.911 (2.01), 6.913 (2.08), 6.932 (4.35), 6.948 (2.63), 6.951 (2.58), 7.147 (2.13), 7.151 (2.32), 7.169 (3.54), 7.186 (1.70), 7.190 (1.75), 7.350 (3.71), 7.368 (3.44), 7.419 (3.16), 7.423 (2.92), 7.444 (3.09), 7.447 (3.04), 7.457 (2.15), 7.462 (3.32), 7.467 (2.25), 7.479 (1.87), 7.484 (3.52), 7.489 (2.87), 7.496 (5.60), 7.500 (7.01), 7.624 (0.55), 7.717 (2.82), 7.735 (4.69), 7.756 (4.26), 7.838 (5.41), 7.854 (3.78), 7.856 (3.73), 8.442 (3.97), 8.461 (3.61), 8.753 (15.50), 9.106 (3.90), 9.126 (3.80).
420		LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 525 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.45), 0.008 (3.55), 0.146 (0.41), 1.529 (9.38), 1.539 (9.80), 1.547 (11.02), 1.559 (16.00), 1.578 (11.91), 1.581 (11.87), 2.011 (1.20), 2.030 (1.39), 2.039 (1.60), 2.046 (1.79), 2.054 (1.43), 2.085 (5.81), 2.174 (1.52), 2.186 (1.56), 2.196 (1.37), 2.327 (0.68), 2.366 (0.75), 2.669 (0.68), 2.710 (0.73), 3.848 (1.31), 3.865 (1.68), 3.878 (1.31), 4.199 (0.71), 4.219 (1.78), 4.227 (2.57), 4.241 (3.61), 4.250 (4.05), 4.267 (2.68), 4.285 (0.85), 5.257 (2.24), 5.271 (2.20), 5.754 (2.22), 6.767 (5.06), 6.788 (5.62), 6.888 (1.37), 6.892 (1.52), 6.906 (2.91), 6.911 (3.15), 6.925 (1.81), 6.929 (1.89), 7.135 (2.64), 7.155 (4.03), 7.174 (2.05), 7.319 (2.22), 7.337 (4.15), 7.354 (2.18), 7.424 (0.50), 7.440 (0.83), 7.444 (0.87), 7.458 (0.42), 7.475 (0.42), 7.487 (0.77), 7.505 (0.62), 7.609 (0.89), 7.627 (2.80), 7.640 (3.51), 7.646 (3.20), 7.658 (5.83), 7.677 (3.53), 7.680 (3.53), 7.700 (1.81), 7.706 (2.86), 7.709 (3.38), 7.723 (7.68), 7.727 (7.16), 7.736 (5.71), 7.757 (5.40), 7.775 (2.37), 7.894 (0.44), 7.916 (4.48), 7.921 (4.48), 7.935 (3.88), 7.940 (3.80), 8.475 (4.00), 8.479 (4.25), 8.496 (3.88), 8.500 (3.84), 8.649 (8.55), 8.658 (9.36), 9.107 (2.39), 9.126 (3.82), 9.145 (2.35).
421		LC-MS (Method L1): Rt = 1.22 min; MS (ESIpos): m/z = 475 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.74), 0.008 (0.66), 1.398 (16.00), 1.531 (2.32), 1.549 (2.57), 1.558 (3.55), 1.576 (3.28), 2.044 (0.42), 3.853 (0.41), 4.226 (0.60), 4.235 (0.52), 4.245 (0.96), 4.254 (1.03), 4.270 (0.56), 5.259 (0.53), 5.278 (0.54), 6.770 (1.05), 6.790 (1.17), 6.894 (0.43), 6.913 (0.95), 6.931 (0.55), 7.136 (0.49), 7.139 (0.53), 7.157 (0.86), 7.175 (0.41), 7.178 (0.42), 7.223 (0.50), 7.329 (0.63), 7.348 (0.59), 7.451 (1.08), 7.460 (1.29), 7.472 (1.04), 7.479 (1.04), 7.685 (0.58), 7.688 (0.73), 7.702 (1.46), 7.706 (1.42), 7.723 (1.24), 7.744 (1.24), 7.762 (0.62), 8.461 (0.89), 8.464 (0.98), 8.482 (0.88), 8.485 (0.89), 8.653 (1.41), 9.113 (0.66), 9.133 (0.64).

422		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 457 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.40), 0.008 (2.26), 1.141 (0.70), 1.520 (7.81), 1.537 (8.37), 1.547 (8.11), 1.564 (7.78), 2.023 (0.54), 2.031 (0.58), 2.048 (0.63), 2.058 (0.85), 2.066 (0.74), 2.075 (0.59), 2.085 (6.90), 2.161 (16.00), 2.177 (0.76), 2.189 (0.78), 2.201 (0.76), 2.211 (0.70), 2.327 (0.45), 2.386 (0.52), 2.395 (0.44), 2.416 (12.94), 2.670 (0.45), 3.822 (0.75), 3.841 (1.02), 3.858 (0.72), 4.238 (1.26), 4.246 (1.09), 4.257 (2.03), 4.265 (2.14), 4.282 (1.14), 5.259 (0.50), 5.273 (1.16), 5.293 (1.14), 5.307 (0.53), 5.754 (0.60), 6.710 (3.80), 6.712 (3.83), 6.779 (2.31), 6.799 (2.52), 6.911 (1.13), 6.927 (2.33), 6.946 (1.40), 7.145 (1.16), 7.149 (1.23), 7.167 (1.85), 7.184 (0.91), 7.341 (1.95), 7.359 (1.78), 7.624 (1.06), 7.628 (1.41), 7.642 (3.30), 7.646 (3.02), 7.655 (2.78), 7.676 (2.61), 7.694 (1.18), 8.342 (1.79), 8.346 (1.89), 8.363 (1.74), 8.367 (1.66), 8.686 (8.47), 9.079 (1.98), 9.100 (1.92).
423		LC-MS (Method L1): Rt = 1.35 min; MS (ESIpos): m/z = 497 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.141 (0.76), 1.356 (1.34), 1.519 (14.63), 1.537 (16.00), 1.546 (15.53), 1.564 (14.65), 2.023 (1.05), 2.031 (1.09), 2.049 (1.27), 2.058 (1.67), 2.066 (1.49), 2.085 (11.52), 2.183 (1.31), 2.191 (1.53), 2.203 (1.48), 2.212 (1.37), 2.327 (0.60), 2.366 (0.65), 2.670 (0.66), 2.709 (0.66), 3.811 (0.65), 3.829 (1.53), 3.847 (2.05), 3.865 (1.54), 3.881 (0.61), 4.215 (0.80), 4.235 (2.49), 4.243 (2.19), 4.255 (3.96), 4.264 (3.93), 4.281 (2.31), 4.300 (0.76), 5.257 (1.04), 5.273 (2.31), 5.292 (2.38), 5.306 (1.02), 5.754 (1.15), 6.779 (4.42), 6.799 (4.85), 6.912 (2.14), 6.930 (4.56), 6.947 (2.64), 7.149 (2.39), 7.167 (3.78), 7.188 (1.87), 7.231 (13.75), 7.346 (3.92), 7.364 (3.67), 7.716 (2.56), 7.734 (4.37), 7.755 (4.14), 7.800 (5.63), 7.815 (3.43), 8.454 (3.95), 8.473 (3.67), 8.737 (14.24), 9.105 (3.82), 9.125 (3.71).
424		LC-MS (Method L1): Rt = 0.83 min; MS (ESIpos): m/z = 492 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.62), 0.146 (0.58), 2.082 (0.85), 2.092 (0.94), 2.118 (1.45), 2.126 (1.23), 2.220 (1.28), 2.232 (1.23), 2.242 (1.10), 2.328 (0.69), 2.366 (0.74), 2.670 (0.75), 2.710 (0.77), 3.046 (2.57), 3.168 (0.82), 3.426 (3.56), 3.443 (4.68), 4.227 (0.88), 4.247 (2.21), 4.256 (1.97), 4.267 (3.31), 4.275 (3.45), 4.292 (1.93), 4.310 (0.72), 5.298 (1.79), 5.314 (1.79), 6.790 (3.71), 6.811 (4.03), 6.913 (1.81), 6.931 (3.79), 6.949 (2.21), 7.158 (1.97), 7.176 (3.10), 7.196 (1.57), 7.376 (3.26), 7.394 (2.97), 7.646 (8.78), 7.650 (16.00), 7.658 (5.74), 7.662 (4.49), 7.772 (1.84), 7.790 (3.18), 7.811 (2.48), 7.898 (4.35), 7.915 (3.20), 8.337 (0.98), 8.400 (2.78), 8.421 (2.49), 8.895 (10.41), 9.594 (1.37).
425		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 475 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.52), 0.008 (1.58), 1.509 (12.78), 1.527 (13.71), 1.536 (13.42), 1.554 (12.80), 2.013 (0.92), 2.022 (1.01), 2.032 (1.08), 2.039 (1.12), 2.049 (1.52), 2.056 (1.44), 2.085 (7.75), 2.172 (0.94), 2.184 (1.30), 2.196 (1.24), 2.206 (1.19), 2.219 (0.80), 2.240 (0.47), 2.327 (0.45), 2.366 (0.47), 2.423 (16.00), 2.669 (0.46), 2.710 (0.40), 3.804 (0.54), 3.823 (1.32), 3.840 (1.76), 3.859 (1.30), 3.876 (0.52), 4.201 (0.51), 4.208 (0.72), 4.228 (2.09), 4.236 (1.71), 4.249 (2.84), 4.259 (2.77), 4.267 (1.88), 4.277 (1.91), 4.288 (0.56), 4.295 (0.68), 4.304 (0.47), 5.246 (0.87), 5.260 (1.95), 5.280 (1.96), 5.294 (0.85), 5.754 (7.58), 6.631 (2.13), 6.777 (3.89), 6.797 (4.26), 6.902 (1.75), 6.904 (1.90), 6.923 (3.94), 6.939 (2.29), 6.942 (2.32), 7.143 (1.85), 7.147 (2.06), 7.164 (3.17), 7.182 (1.50), 7.185 (1.53), 7.334 (3.33), 7.352 (3.03), 7.618 (2.57), 7.641 (4.67), 7.664 (2.68), 8.442 (2.31), 8.457 (2.47), 8.465 (2.46), 8.481 (2.28), 8.709 (12.28), 9.081 (3.16), 9.102 (3.09).
426		LC-MS (Method L1): Rt = 1.32 min; MS (ESIpos): m/z = 515 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.83), -0.008 (6.50), 0.008 (7.02), 0.146 (0.83), 1.235 (0.67), 1.508 (14.93), 1.526 (15.98), 1.534 (16.00), 1.552 (15.19), 2.051 (1.31), 2.073 (1.29), 2.085 (2.88), 2.185 (1.50), 2.198 (1.48), 2.207 (1.40), 2.220 (0.98), 2.327 (0.90), 2.366 (0.95), 2.669 (0.93), 2.710 (0.93), 3.828 (1.33), 3.846 (1.74), 3.863 (1.31), 4.206 (0.79), 4.225 (2.29), 4.233 (1.88), 4.252 (2.95), 4.259 (2.71), 4.267 (2.05), 4.276 (2.19), 4.295 (0.83), 5.245 (0.93), 5.259 (2.12), 5.278 (2.17), 5.292 (0.98), 6.776 (4.48), 6.796 (4.88), 6.905 (2.21), 6.924 (4.50), 6.940 (2.71), 7.144 (2.24), 7.147 (2.40), 7.165 (3.71), 7.186 (1.83), 7.205 (3.79), 7.230 (3.98), 7.333 (1.83), 7.346 (2.26), 7.362 (1.69), 7.687 (2.98), 7.710 (5.17), 7.732 (3.05), 8.553 (2.71), 8.568 (2.88), 8.577 (2.88), 8.593 (2.71), 8.764 (7.26), 9.111 (3.05), 9.132 (3.05).
428		LC-MS (L2): Rt = 3.893 min; m/z = 517/5519 (M+H)+	1H-NMR (400 MHz, DMSO-d6) δ 9.16 (d, J = 8.1 Hz, 1H), 8.72 (s, 1H), 8.69 (d, J = 1.9 Hz, 1H), 8.14 (d, J = 1.8 Hz, 1H), 7.71 – 7.66 (m, 3H), 7.37 (d, J = 7.9, 1.7 Hz, 1H), 7.17 (t, J = 8.5, 7.4, 1.7 Hz, 1H), 6.92 (t, J = 7.4, 1.2 Hz, 1H), 6.80 (d, J = 8.3, 1.2 Hz, 1H), 5.23 (q, J = 5.8 Hz, 1H), 4.32 – 4.17 (m, 2H), 3.12 (s, 6H), 2.26 – 2.14 (m, 1H), 2.10 – 1.99 (m, 1H).

430		LC-MS (Method L1): Rt = 1.23 min; MS (ESIpos): m/z = 459 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (1.38), 1.526 (14.80), 1.543 (16.00), 1.552 (15.65), 1.570 (14.87), 2.029 (1.04), 2.038 (1.12), 2.047 (1.19), 2.055 (1.21), 2.064 (1.68), 2.072 (1.42), 2.080 (1.02), 2.087 (0.71), 2.172 (0.65), 2.181 (1.10), 2.193 (1.48), 2.205 (1.42), 2.215 (1.36), 2.228 (0.86), 3.828 (0.64), 3.845 (1.58), 3.863 (2.07), 3.881 (1.54), 3.899 (0.60), 4.211 (0.56), 4.219 (0.77), 4.239 (2.44), 4.247 (2.13), 4.258 (3.96), 4.267 (4.09), 4.283 (2.26), 4.302 (0.73), 5.262 (1.01), 5.277 (2.33), 5.296 (2.31), 5.311 (1.05), 6.781 (4.65), 6.801 (5.20), 6.912 (2.17), 6.930 (4.68), 6.949 (2.74), 7.150 (2.33), 7.168 (3.75), 7.189 (1.74), 7.252 (1.63), 7.258 (1.26), 7.276 (3.15), 7.282 (3.16), 7.301 (6.35), 7.318 (6.19), 7.334 (1.02), 7.348 (4.05), 7.366 (3.67), 7.716 (2.63), 7.734 (4.12), 7.755 (3.67), 7.834 (5.55), 7.851 (4.00), 8.438 (4.18), 8.459 (3.86), 8.750 (14.88), 9.106 (3.97), 9.126 (3.90).
431		LC-MS (Method L1): Rt = 1.37 min; MS (ESIpos): m/z = 525 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (2.75), 1.530 (14.75), 1.548 (16.00), 1.556 (15.84), 1.574 (14.95), 2.034 (1.00), 2.043 (1.11), 2.053 (1.16), 2.059 (1.19), 2.069 (1.70), 2.077 (1.41), 2.085 (1.05), 2.191 (1.50), 2.203 (1.47), 2.213 (1.38), 2.226 (0.88), 2.328 (0.61), 2.366 (0.66), 2.670 (0.63), 2.710 (0.66), 3.843 (0.64), 3.860 (1.58), 3.878 (2.08), 3.896 (1.53), 3.914 (0.61), 4.209 (0.61), 4.217 (0.75), 4.237 (2.49), 4.245 (2.13), 4.257 (3.91), 4.266 (4.02), 4.282 (2.22), 4.301 (0.75), 5.258 (1.02), 5.273 (2.30), 5.292 (2.31), 5.307 (1.03), 6.782 (4.49), 6.802 (4.96), 6.913 (2.21), 6.931 (4.58), 6.950 (2.69), 7.151 (2.39), 7.168 (3.68), 7.190 (1.78), 7.351 (3.93), 7.370 (3.58), 7.740 (2.83), 7.758 (4.07), 7.761 (3.88), 7.779 (3.71), 7.891 (10.85), 7.902 (6.54), 7.909 (5.57), 7.968 (6.30), 8.471 (4.19), 8.492 (3.75), 8.752 (15.12), 9.117 (4.02), 9.138 (3.91).
432		LC-MS (Method L1): Rt = 0.93 min; MS (ESIpos): m/z = 506 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 2.063 (0.44), 2.074 (1.74), 2.085 (0.57), 2.091 (0.49), 2.154 (16.00), 2.213 (0.54), 2.223 (0.51), 2.230 (0.52), 3.994 (3.21), 4.221 (0.41), 4.226 (0.88), 4.232 (0.59), 4.243 (0.65), 4.249 (0.52), 4.271 (0.53), 4.278 (0.67), 4.284 (0.59), 4.291 (0.69), 5.297 (0.75), 5.313 (0.74), 6.792 (1.44), 6.793 (1.49), 6.808 (1.59), 6.810 (1.58), 6.918 (0.74), 6.920 (0.73), 6.933 (1.47), 6.935 (1.43), 6.948 (0.86), 6.950 (0.81), 7.160 (0.72), 7.163 (0.74), 7.177 (1.18), 7.191 (0.60), 7.194 (0.57), 7.404 (1.21), 7.418 (1.15), 7.646 (0.87), 7.655 (9.82), 7.725 (1.04), 7.739 (1.43), 7.741 (1.26), 7.756 (1.25), 7.863 (1.61), 7.866 (1.64), 7.877 (1.33), 7.880 (1.26), 8.164 (1.66), 8.523 (1.33), 8.526 (1.33), 8.540 (1.27), 8.543 (1.20), 8.920 (5.25), 9.432 (1.31), 9.448 (1.27).
438		LC-MS (Method L1): Rt = 1.37 min; MS (ESIpos): m/z = 509 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.41), -0.008 (3.62), 0.008 (3.26), 1.356 (1.83), 1.523 (14.77), 1.541 (16.00), 1.550 (15.57), 1.568 (14.88), 2.032 (1.00), 2.041 (1.04), 2.051 (1.14), 2.058 (1.11), 2.067 (1.68), 2.073 (2.66), 2.084 (1.01), 2.170 (0.66), 2.183 (1.20), 2.192 (1.42), 2.203 (1.34), 2.213 (1.30), 2.225 (0.81), 2.323 (0.49), 2.327 (0.62), 2.366 (0.55), 2.523 (1.52), 2.670 (0.68), 2.709 (0.55), 3.833 (0.60), 3.851 (1.50), 3.869 (2.02), 3.887 (1.45), 3.905 (0.60), 4.211 (0.54), 4.219 (0.74), 4.239 (2.40), 4.247 (2.04), 4.258 (3.83), 4.267 (3.95), 4.283 (2.15), 4.301 (0.70), 5.260 (0.98), 5.274 (2.17), 5.294 (2.20), 5.308 (0.96), 5.754 (6.17), 6.780 (4.02), 6.782 (4.25), 6.800 (4.58), 6.803 (4.65), 6.912 (2.09), 6.915 (2.10), 6.931 (4.36), 6.933 (4.28), 6.949 (2.67), 6.952 (2.58), 7.148 (2.17), 7.152 (2.29), 7.169 (3.48), 7.187 (1.71), 7.190 (1.68), 7.351 (3.62), 7.370 (3.40), 7.717 (2.99), 7.735 (4.36), 7.738 (3.68), 7.756 (4.00), 7.786 (15.35), 7.802 (15.29), 7.853 (5.04), 7.855 (5.31), 7.870 (4.03), 7.873 (3.81), 7.907 (0.55), 7.923 (0.54), 8.444 (3.89), 8.464 (3.67), 8.762 (15.95), 9.108 (3.86), 9.129 (3.76).
439		LC-MS (Method L1): Rt = 1.10 min; MS (ESIpos): m/z = 560 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.89), 0.008 (3.10), 1.826 (0.43), 2.073 (1.46), 2.086 (0.91), 2.327 (0.43), 2.366 (0.59), 2.670 (0.47), 2.710 (0.59), 4.178 (0.90), 5.127 (1.22), 5.141 (1.19), 6.747 (2.96), 6.767 (3.31), 6.836 (0.98), 6.920 (0.57), 7.045 (0.47), 7.124 (1.50), 7.145 (2.50), 7.162 (1.27), 7.258 (0.57), 7.333 (0.67), 7.467 (0.72), 7.672 (7.22), 7.676 (16.00), 7.682 (6.08), 7.685 (3.72), 7.732 (2.26), 7.750 (2.96), 7.753 (3.13), 7.771 (3.12), 7.911 (3.10), 7.929 (5.80), 7.932 (5.43), 7.946 (3.43), 8.870 (1.48), 8.885 (1.41), 9.005 (5.27), 12.563 (0.65).

444		LC-MS (Method L1): Rt = 1.30 min; MS (ESIpos): m/z = 489 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.30), 0.008 (2.88), 1.528 (9.79), 1.546 (10.48), 1.555 (10.17), 1.573 (9.77), 2.017 (0.68), 2.025 (0.71), 2.035 (0.76), 2.043 (0.78), 2.052 (1.09), 2.060 (0.90), 2.068 (0.66), 2.162 (0.45), 2.171 (0.73), 2.184 (1.01), 2.196 (0.94), 2.205 (0.87), 2.219 (0.57), 2.327 (0.73), 2.346 (16.00), 2.366 (0.80), 2.523 (1.25), 2.665 (0.40), 2.669 (0.54), 2.710 (0.61), 3.841 (0.97), 3.859 (1.27), 3.877 (0.94), 4.211 (0.50), 4.231 (1.58), 4.239 (1.35), 4.250 (2.53), 4.259 (2.64), 4.275 (1.46), 4.294 (0.47), 5.249 (0.64), 5.264 (1.44), 5.283 (1.46), 5.297 (0.61), 6.775 (2.69), 6.793 (2.86), 6.795 (2.95), 6.901 (1.37), 6.904 (1.39), 6.920 (2.83), 6.922 (2.83), 6.938 (1.75), 6.941 (1.70), 7.141 (1.39), 7.145 (1.49), 7.162 (2.34), 7.180 (2.86), 7.183 (2.93), 7.195 (1.84), 7.199 (1.79), 7.340 (2.41), 7.357 (2.27), 7.451 (1.63), 7.455 (1.58), 7.468 (1.65), 7.472 (1.56), 7.716 (1.16), 7.734 (3.42), 7.753 (6.32), 7.756 (5.45), 7.768 (1.30), 8.457 (2.15), 8.462 (2.08), 8.476 (2.08), 8.482 (1.96), 8.687 (9.91), 9.113 (2.57), 9.133 (2.50).
446		LC-MS (Method L1): Rt = 1.28 min; MS (ESIpos): m/z = 475 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 0.006 (0.83), 1.528 (15.59), 1.542 (16.00), 1.554 (15.53), 1.569 (15.22), 2.022 (0.59), 2.029 (0.75), 2.035 (1.20), 2.042 (1.26), 2.049 (1.35), 2.055 (1.35), 2.063 (1.74), 2.069 (1.50), 2.076 (1.05), 2.082 (0.74), 2.178 (0.75), 2.185 (1.16), 2.195 (1.62), 2.205 (1.56), 2.212 (1.50), 2.222 (1.07), 2.229 (0.80), 2.239 (0.53), 3.836 (0.65), 3.851 (1.49), 3.865 (1.95), 3.879 (1.44), 3.893 (0.59), 4.218 (0.74), 4.224 (0.93), 4.240 (2.73), 4.246 (2.13), 4.256 (2.85), 4.261 (3.43), 4.268 (2.78), 4.274 (2.18), 4.281 (2.36), 4.290 (0.72), 4.296 (0.86), 4.303 (0.60), 5.266 (1.16), 5.278 (2.45), 5.293 (2.39), 5.305 (1.07), 5.753 (2.04), 6.783 (4.78), 6.799 (5.11), 6.916 (2.31), 6.931 (4.75), 6.945 (2.64), 7.151 (2.25), 7.154 (2.34), 7.168 (3.85), 7.182 (1.85), 7.184 (1.80), 7.350 (4.06), 7.364 (3.73), 7.492 (2.91), 7.509 (5.77), 7.528 (4.33), 7.571 (2.42), 7.575 (2.60), 7.581 (2.67), 7.585 (2.75), 7.593 (1.86), 7.598 (1.61), 7.602 (1.61), 7.712 (2.90), 7.726 (4.39), 7.743 (3.94), 7.772 (3.91), 7.776 (3.80), 7.786 (3.97), 7.790 (3.76), 7.806 (5.60), 7.819 (3.92), 8.418 (4.24), 8.434 (3.91), 8.736 (14.80), 9.100 (4.07), 9.116 (3.94).
447		LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 451 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.67), 0.008 (1.74), 1.531 (11.51), 1.549 (12.60), 1.558 (16.00), 1.576 (15.03), 1.860 (10.28), 1.875 (10.05), 2.011 (1.17), 2.019 (1.28), 2.028 (1.43), 2.035 (1.35), 2.045 (1.78), 2.053 (1.52), 2.061 (1.12), 2.069 (0.78), 2.085 (3.05), 2.168 (3.67), 2.179 (1.64), 2.191 (1.75), 2.201 (1.41), 2.214 (1.00), 2.234 (0.57), 2.285 (12.65), 2.292 (14.54), 2.327 (0.48), 2.669 (0.41), 3.818 (0.64), 3.835 (1.53), 3.853 (2.04), 3.871 (1.49), 3.888 (0.61), 4.199 (0.69), 4.207 (0.86), 4.227 (2.74), 4.235 (2.35), 4.247 (4.38), 4.256 (4.48), 4.272 (2.50), 4.284 (0.69), 4.290 (0.91), 4.299 (0.59), 5.246 (1.09), 5.260 (2.43), 5.280 (2.46), 5.294 (1.09), 5.754 (9.81), 6.772 (4.79), 6.792 (5.26), 6.894 (1.96), 6.912 (4.26), 6.932 (4.96), 6.950 (2.92), 7.005 (0.53), 7.090 (2.60), 7.109 (4.90), 7.141 (3.48), 7.155 (5.80), 7.175 (3.08), 7.303 (0.65), 7.324 (3.77), 7.343 (2.96), 7.412 (0.62), 7.431 (0.77), 7.562 (4.28), 7.565 (4.58), 7.580 (5.85), 7.582 (5.76), 7.673 (4.25), 7.691 (3.82), 7.694 (4.77), 7.712 (3.30), 8.378 (4.53), 8.397 (4.13), 8.616 (12.23), 9.077 (4.12), 9.098 (4.04).
448		LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 455 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.15), 0.008 (2.01), 1.526 (8.21), 1.543 (8.87), 1.552 (8.65), 1.570 (8.25), 2.028 (0.57), 2.037 (0.60), 2.047 (0.61), 2.053 (0.63), 2.063 (0.89), 2.071 (0.76), 2.079 (0.53), 2.179 (0.59), 2.192 (0.77), 2.203 (0.76), 2.213 (0.69), 2.227 (0.52), 2.366 (0.49), 2.388 (16.00), 3.842 (0.82), 3.860 (1.10), 3.878 (0.79), 4.239 (1.31), 4.248 (1.14), 4.258 (2.05), 4.267 (2.19), 4.282 (1.16), 5.261 (0.56), 5.276 (1.18), 5.295 (1.18), 5.310 (0.53), 6.778 (2.20), 6.781 (2.35), 6.799 (2.50), 6.801 (2.55), 6.909 (1.16), 6.912 (1.18), 6.928 (2.39), 6.930 (2.36), 6.946 (1.47), 6.949 (1.40), 7.052 (1.36), 7.076 (1.37), 7.146 (1.22), 7.150 (1.28), 7.167 (3.29), 7.190 (2.18), 7.204 (3.78), 7.346 (1.99), 7.365 (1.85), 7.691 (1.43), 7.709 (2.47), 7.731 (2.48), 7.763 (2.94), 7.766 (3.19), 7.781 (1.79), 7.784 (1.62), 8.393 (2.00), 8.396 (2.06), 8.415 (1.96), 8.418 (1.84), 8.721 (8.75), 9.097 (2.09), 9.117 (2.02).

449		LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 477 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.44), -0.008 (3.46), 0.008 (3.37), 0.146 (0.41), 1.522 (14.76), 1.540 (16.00), 1.548 (15.61), 1.566 (14.88), 2.014 (0.46), 2.030 (1.02), 2.038 (1.07), 2.048 (1.14), 2.055 (1.14), 2.064 (1.61), 2.072 (1.35), 2.080 (0.98), 2.088 (0.68), 2.171 (0.62), 2.181 (1.07), 2.193 (1.41), 2.205 (1.37), 2.214 (1.27), 2.229 (0.85), 2.235 (0.72), 2.248 (0.46), 2.327 (0.52), 2.366 (0.54), 2.669 (0.59), 2.710 (0.55), 3.826 (0.62), 3.843 (1.51), 3.861 (2.02), 3.879 (1.48), 3.896 (0.57), 4.210 (0.55), 4.218 (0.76), 4.238 (2.44), 4.246 (2.05), 4.258 (3.89), 4.267 (3.93), 4.283 (2.16), 4.295 (0.59), 4.302 (0.73), 5.261 (0.98), 5.276 (2.18), 5.296 (2.20), 5.310 (0.99), 6.782 (4.05), 6.802 (4.47), 6.911 (2.03), 6.914 (2.08), 6.930 (4.31), 6.932 (4.24), 6.948 (2.63), 6.951 (2.50), 7.148 (2.11), 7.152 (2.23), 7.169 (3.50), 7.187 (1.71), 7.190 (1.69), 7.348 (3.67), 7.366 (3.41), 7.538 (4.10), 7.546 (1.25), 7.555 (4.44), 7.561 (4.49), 7.578 (4.34), 7.587 (0.80), 7.594 (0.47), 7.716 (2.81), 7.734 (4.18), 7.737 (3.56), 7.756 (3.90), 7.834 (4.93), 7.836 (5.20), 7.851 (3.82), 8.441 (3.93), 8.460 (3.67), 8.754 (14.49), 9.107 (3.76), 9.128 (3.64).
450		LC-MS (Method L1): Rt = 1.22 min; MS (ESIpos): m/z = 477 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.44), 0.008 (2.25), 1.528 (14.93), 1.546 (16.00), 1.555 (15.22), 1.573 (14.27), 2.003 (0.56), 2.018 (1.14), 2.027 (1.17), 2.036 (1.20), 2.044 (1.21), 2.053 (1.64), 2.061 (1.36), 2.069 (0.97), 2.077 (0.66), 2.165 (0.73), 2.174 (1.14), 2.187 (1.49), 2.198 (1.42), 2.208 (1.32), 2.219 (0.87), 2.229 (0.70), 2.241 (0.45), 2.524 (1.57), 3.824 (0.68), 3.841 (1.51), 3.859 (1.93), 3.877 (1.40), 3.895 (0.55), 4.203 (0.69), 4.210 (0.92), 4.230 (2.57), 4.238 (2.17), 4.250 (3.83), 4.260 (3.63), 4.267 (2.17), 4.276 (2.10), 4.288 (0.60), 4.295 (0.73), 4.304 (0.47), 5.251 (1.07), 5.266 (2.23), 5.285 (2.13), 5.300 (0.94), 6.774 (3.85), 6.776 (3.91), 6.794 (4.27), 6.796 (4.17), 6.902 (2.14), 6.905 (2.10), 6.921 (4.27), 6.923 (4.08), 6.939 (2.56), 6.942 (2.34), 7.142 (2.24), 7.146 (2.30), 7.163 (3.45), 7.181 (1.81), 7.185 (1.77), 7.207 (1.78), 7.215 (1.67), 7.229 (1.65), 7.241 (0.79), 7.340 (3.62), 7.359 (3.30), 7.567 (0.70), 7.575 (0.84), 7.582 (0.97), 7.590 (1.44), 7.595 (1.32), 7.603 (1.42), 7.610 (1.33), 7.616 (1.34), 7.623 (0.84), 7.631 (0.75), 7.639 (0.66), 7.743 (2.63), 7.761 (4.44), 7.782 (4.33), 7.815 (5.04), 7.818 (5.19), 7.832 (3.04), 8.495 (3.72), 8.498 (3.67), 8.516 (3.54), 8.519 (3.18), 8.716 (13.80), 9.126 (3.72), 9.146 (3.50).
451		LC-MS (Method L1): Rt = 1.32 min; MS (ESIpos): m/z = 505 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.87), 0.008 (2.99), 1.535 (13.93), 1.553 (15.28), 1.562 (16.00), 1.580 (15.01), 2.015 (11.45), 2.043 (1.86), 2.073 (0.70), 2.086 (1.48), 2.156 (0.80), 2.165 (1.28), 2.178 (1.76), 2.190 (1.65), 2.199 (1.57), 2.211 (1.06), 2.220 (0.84), 2.233 (0.55), 2.301 (1.08), 2.327 (0.40), 3.833 (0.67), 3.851 (1.64), 3.868 (2.17), 3.886 (1.60), 3.904 (0.65), 4.194 (0.64), 4.202 (0.82), 4.222 (2.46), 4.230 (2.05), 4.244 (3.50), 4.254 (3.47), 4.261 (2.45), 4.271 (2.47), 4.282 (0.76), 4.289 (0.90), 4.298 (0.61), 5.241 (1.14), 5.256 (2.55), 5.275 (2.57), 5.290 (1.14), 5.754 (11.28), 6.769 (4.42), 6.771 (4.75), 6.789 (5.07), 6.792 (5.21), 6.890 (2.32), 6.892 (2.35), 6.909 (4.87), 6.911 (4.82), 6.927 (2.95), 6.930 (2.82), 7.136 (2.44), 7.140 (2.63), 7.157 (4.04), 7.175 (2.01), 7.178 (1.96), 7.323 (4.16), 7.341 (3.86), 7.398 (0.50), 7.402 (0.46), 7.439 (2.71), 7.483 (0.53), 7.535 (2.86), 7.555 (3.81), 7.665 (5.56), 7.668 (4.53), 7.683 (8.94), 7.719 (5.14), 7.737 (3.59), 7.741 (5.33), 7.758 (3.09), 8.445 (4.24), 8.448 (4.48), 8.467 (4.12), 8.469 (3.99), 8.640 (15.04), 9.087 (2.78), 9.107 (2.71).
453		LC-MS (Method L1): Rt = 1.29 min; MS (ESIpos): m/z = 491 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.92), 0.008 (2.81), 1.528 (13.71), 1.546 (14.79), 1.555 (16.00), 1.573 (15.23), 1.995 (0.48), 2.011 (1.10), 2.019 (1.19), 2.029 (1.25), 2.037 (1.25), 2.046 (1.76), 2.054 (1.47), 2.062 (1.08), 2.158 (0.66), 2.167 (1.14), 2.179 (1.56), 2.191 (1.52), 2.201 (1.38), 2.215 (0.95), 2.224 (0.79), 2.234 (0.51), 2.327 (0.53), 2.366 (0.64), 2.522 (1.30), 2.669 (0.57), 2.710 (0.64), 3.818 (0.59), 3.836 (1.47), 3.854 (1.91), 3.871 (1.43), 3.889 (0.57), 4.199 (0.57), 4.207 (0.81), 4.227 (2.55), 4.235 (2.24), 4.246 (4.18), 4.255 (4.37), 4.271 (2.40), 4.283 (0.66), 4.290 (0.79), 4.299 (0.51), 5.245 (1.03), 5.259 (2.33), 5.279 (2.42), 5.294 (1.12), 6.771 (4.44), 6.792 (4.88), 6.895 (2.11), 6.897 (2.18), 6.913 (4.53), 6.916 (4.55), 6.932 (2.84), 6.934 (2.70), 7.137 (2.24), 7.141 (2.42), 7.158 (3.78), 7.176 (1.82), 7.179 (1.82), 7.331 (3.49), 7.349 (3.32), 7.446 (2.55), 7.457 (3.58), 7.470 (1.80), 7.478 (1.08), 7.484 (1.54), 7.489 (1.34), 7.495 (1.12), 7.505 (4.07), 7.511 (3.08), 7.526 (6.37), 7.533 (5.60), 7.585 (4.48), 7.599 (1.47), 7.607 (2.68), 7.622 (0.88), 7.693 (1.47), 7.698 (2.37), 7.711 (6.81), 7.716 (6.90), 7.719 (7.23), 7.739 (5.49), 7.757 (2.24), 8.456 (3.58), 8.460 (3.76), 8.476 (3.45), 8.480 (3.43), 8.661 (11.47), 8.729 (0.46), 9.113 (4.07), 9.134 (4.00).

454		LC-MS (Method L1): Rt = 1.13 min; MS (ESIpos): m/z = 515 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6): δ [ppm] = 13.33 (br s, 1H), 8.92 (s, 1H), 8.75 (d, 1H), 8.12-7.96 (m, 2H), 7.90 (dd, 1H), 7.73-7.66 (m, 5H), 7.12 (t, 1H), 6.92 (d, 1H), 6.83 (t, 1H), 6.73 (dd, 1H), 5.12-5.06 (m, 1H), 4.18-4.07 (m, 1H), 3.99 (ddd, 1H), 2.56-2.52 (m, 1H), 2.09-1.96 (m, 1H), 1.78 (td, 1H)
455		LC-MS (Method L1): Rt = 1.36 min; MS (ESIpos): m/z = 509 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.81), 0.008 (2.57), 0.853 (0.46), 1.235 (2.17), 1.300 (0.52), 1.316 (0.51), 1.398 (1.60), 1.513 (14.80), 1.531 (16.00), 1.540 (15.55), 1.558 (14.28), 2.016 (1.21), 2.023 (1.32), 2.033 (1.33), 2.040 (1.33), 2.050 (1.72), 2.057 (1.47), 2.181 (1.67), 2.194 (1.60), 2.203 (1.49), 2.216 (1.01), 2.327 (0.52), 2.669 (0.63), 2.710 (0.49), 3.829 (0.77), 3.847 (1.66), 3.865 (2.13), 3.882 (1.55), 3.900 (0.64), 4.205 (1.06), 4.225 (2.72), 4.233 (2.29), 4.246 (3.46), 4.265 (2.32), 4.274 (2.31), 4.293 (0.84), 5.242 (1.17), 5.256 (2.44), 5.276 (2.34), 5.290 (1.06), 5.754 (5.78), 6.776 (4.38), 6.795 (4.71), 6.900 (2.25), 6.919 (4.51), 6.937 (2.66), 7.146 (2.46), 7.164 (3.72), 7.181 (1.83), 7.335 (3.97), 7.353 (3.56), 7.505 (11.79), 7.509 (11.98), 7.682 (3.19), 7.692 (4.34), 7.697 (7.04), 7.702 (5.43), 7.705 (5.86), 7.728 (2.85), 8.525 (2.64), 8.540 (2.80), 8.549 (2.69), 8.564 (2.43), 8.745 (13.37), 9.099 (3.97), 9.120 (3.77).
477		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 509 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.837 (0.43), 0.854 (0.54), 0.891 (0.49), 1.141 (0.54), 1.235 (1.16), 1.317 (0.60), 1.343 (0.89), 1.359 (1.03), 1.519 (11.49), 1.522 (11.46), 1.536 (12.92), 1.541 (13.45), 1.548 (16.00), 1.566 (14.61), 2.000 (1.38), 2.008 (1.47), 2.024 (1.68), 2.035 (2.05), 2.174 (1.95), 2.186 (1.92), 2.196 (1.86), 2.210 (1.48), 2.328 (0.62), 2.366 (0.58), 2.669 (0.65), 2.710 (0.54), 3.849 (1.72), 3.858 (1.72), 4.196 (1.05), 4.216 (3.08), 4.224 (2.77), 4.240 (4.11), 4.265 (2.93), 4.284 (1.16), 5.232 (1.14), 5.247 (2.57), 5.264 (2.59), 6.767 (4.85), 6.787 (5.50), 6.888 (2.50), 6.906 (5.25), 6.924 (3.19), 7.137 (2.79), 7.155 (4.52), 7.172 (2.28), 7.316 (2.70), 7.326 (2.95), 7.333 (2.84), 7.343 (2.62), 7.358 (2.21), 7.361 (2.23), 7.380 (4.65), 7.399 (3.04), 7.403 (2.97), 7.457 (2.43), 7.469 (2.86), 7.477 (4.20), 7.489 (4.31), 7.496 (2.32), 7.508 (2.35), 7.694 (3.04), 7.717 (5.27), 7.739 (7.60), 7.758 (4.31), 7.762 (4.11), 8.555 (2.91), 8.570 (3.22), 8.579 (3.15), 8.594 (2.82), 8.675 (6.93), 8.686 (7.13), 9.115 (4.16), 9.135 (3.98).
478		LC-MS (Method L1): Rt = 1.31 min; MS (ESIpos): m/z = 475 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.30), 0.008 (1.39), 1.157 (0.78), 1.175 (1.56), 1.192 (0.80), 1.398 (0.65), 1.988 (3.13), 2.002 (0.44), 2.012 (0.46), 2.019 (0.47), 2.029 (0.65), 2.036 (0.56), 2.044 (0.40), 2.086 (1.10), 2.135 (0.42), 2.148 (0.61), 2.160 (0.56), 2.169 (0.53), 4.021 (0.69), 4.038 (0.69), 4.216 (0.98), 4.223 (0.77), 4.236 (1.07), 4.243 (1.18), 4.250 (1.04), 4.257 (0.80), 4.266 (0.84), 5.227 (0.88), 5.247 (0.89), 5.677 (1.55), 5.681 (1.65), 5.722 (1.60), 5.725 (1.76), 5.754 (2.74), 5.810 (1.65), 5.813 (1.59), 5.839 (1.68), 5.842 (1.68), 6.775 (1.68), 6.796 (1.85), 6.899 (0.83), 6.917 (1.72), 6.934 (1.01), 7.142 (0.82), 7.146 (0.88), 7.163 (1.40), 7.180 (0.67), 7.184 (0.68), 7.305 (1.47), 7.324 (1.41), 7.331 (1.46), 7.360 (1.32), 7.376 (1.31), 7.405 (1.17), 7.664 (16.00), 7.741 (1.18), 7.759 (1.71), 7.780 (1.56), 7.895 (1.87), 7.898 (2.02), 7.913 (1.52), 7.916 (1.50), 8.242 (1.70), 8.245 (1.76), 8.262 (1.59), 8.266 (1.54), 8.909 (5.42), 9.001 (1.53), 9.021 (1.48).
479		LC-MS (Method L1): Rt = 1.29 min; MS (ESIpos): m/z = 525 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.519 (14.64), 1.536 (16.00), 1.545 (15.88), 1.563 (14.91), 2.013 (1.08), 2.021 (1.17), 2.031 (1.28), 2.038 (1.29), 2.048 (1.72), 2.055 (1.49), 2.063 (1.07), 2.071 (0.76), 2.161 (0.68), 2.170 (1.10), 2.182 (1.58), 2.194 (1.51), 2.203 (1.44), 2.216 (1.01), 2.237 (0.51), 3.827 (0.66), 3.845 (1.63), 3.863 (2.19), 3.881 (1.61), 3.898 (0.66), 4.196 (0.63), 4.203 (0.84), 4.223 (2.53), 4.230 (2.07), 4.249 (3.21), 4.256 (2.97), 4.264 (2.19), 4.273 (2.28), 4.284 (0.71), 4.292 (0.84), 4.300 (0.57), 5.244 (1.06), 5.258 (2.41), 5.277 (2.44), 5.292 (1.07), 6.774 (4.57), 6.795 (5.08), 6.898 (2.22), 6.916 (4.75), 6.935 (2.76), 7.143 (2.39), 7.162 (3.87), 7.182 (1.81), 7.329 (4.15), 7.348 (3.78), 7.421 (5.41), 7.454 (3.25), 7.466 (3.77), 7.486 (4.52), 7.607 (4.06), 7.627 (6.11), 7.646 (2.60), 7.677 (2.67), 7.700 (5.22), 7.723 (2.75), 8.510 (2.55), 8.525 (2.75), 8.534 (2.70), 8.549 (2.46), 8.707 (13.60), 9.091 (4.09), 9.111 (3.99).

487		LC-MS (Method L12): Rt = 1.56 min; MS (ESIpos): m/z = 495 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.150 (0.50), 0.146 (0.45), 0.852 (0.69), 1.234 (3.42), 1.299 (0.54), 1.518 (13.51), 1.536 (14.79), 1.544 (16.00), 1.562 (14.83), 2.006 (1.08), 2.014 (1.24), 2.023 (1.45), 2.031 (1.35), 2.040 (1.61), 2.049 (1.65), 2.056 (1.35), 2.182 (1.69), 2.194 (1.63), 2.203 (1.56), 2.217 (1.13), 2.327 (0.52), 2.669 (0.48), 3.839 (1.13), 3.857 (1.54), 3.866 (1.54), 3.884 (1.08), 4.197 (0.78), 4.223 (2.32), 4.246 (3.38), 4.255 (2.97), 4.263 (2.34), 4.272 (2.41), 4.291 (0.93), 5.256 (2.25), 5.270 (2.26), 6.773 (4.60), 6.793 (5.14), 6.897 (2.13), 6.916 (4.58), 6.934 (2.71), 7.144 (2.47), 7.162 (4.06), 7.180 (1.89), 7.279 (1.78), 7.323 (2.19), 7.342 (4.10), 7.360 (2.08), 7.638 (0.65), 7.646 (0.80), 7.661 (1.58), 7.674 (1.60), 7.687 (1.61), 7.702 (0.89), 7.710 (0.84), 7.724 (2.62), 7.747 (4.86), 7.770 (2.69), 8.596 (2.77), 8.611 (2.95), 8.620 (2.95), 8.635 (2.69), 8.736 (6.87), 8.747 (7.18), 9.121 (4.19), 9.142 (4.12).
488		LC-MS (Method L12): Rt = 1.60 min; MS (ESIpos): m/z = 509 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.83), -0.008 (6.41), 0.008 (6.73), 0.146 (0.80), 1.141 (0.40), 1.157 (0.99), 1.175 (1.92), 1.193 (0.96), 1.235 (0.88), 1.398 (2.11), 1.522 (14.80), 1.540 (16.00), 1.548 (15.71), 1.566 (14.90), 1.988 (3.66), 2.013 (1.04), 2.022 (1.15), 2.031 (1.20), 2.048 (1.63), 2.056 (1.39), 2.180 (1.52), 2.192 (1.44), 2.202 (1.39), 2.215 (0.91), 2.327 (0.75), 2.670 (0.83), 3.836 (0.59), 3.853 (1.50), 3.871 (2.03), 3.889 (1.44), 3.907 (0.59), 4.021 (0.83), 4.038 (0.83), 4.202 (0.85), 4.222 (2.51), 4.230 (1.98), 4.248 (2.86), 4.255 (2.80), 4.263 (2.06), 4.272 (2.16), 4.291 (0.88), 5.240 (0.99), 5.255 (2.16), 5.275 (2.22), 5.290 (1.04), 6.774 (4.51), 6.795 (4.99), 6.895 (2.11), 6.897 (2.19), 6.916 (4.43), 6.932 (2.70), 6.935 (2.62), 7.140 (2.22), 7.143 (2.32), 7.161 (3.58), 7.178 (1.82), 7.182 (1.84), 7.330 (3.69), 7.348 (3.42), 7.691 (2.96), 7.714 (6.17), 7.737 (5.96), 7.752 (11.25), 7.767 (7.93), 7.802 (3.53), 7.817 (2.03), 8.524 (2.59), 8.538 (2.78), 8.547 (2.83), 8.563 (2.59), 8.710 (15.17), 9.096 (3.79), 9.117 (3.69).
489		LC-MS (Method L1): Rt = 1.38 min; MS (ESIpos): m/z = 531 $[M+H]^+$	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 1.670 (0.68), 1.681 (1.19), 1.688 (1.28), 1.692 (1.29), 1.700 (1.35), 1.704 (1.28), 1.710 (0.81), 1.938 (0.60), 1.946 (0.88), 1.952 (1.34), 1.960 (1.43), 1.966 (1.42), 1.975 (1.17), 1.980 (0.77), 1.983 (0.76), 1.988 (0.57), 3.957 (1.00), 3.961 (1.18), 3.975 (2.40), 3.989 (1.44), 3.993 (1.28), 4.105 (1.24), 4.110 (1.53), 4.116 (1.46), 4.122 (2.04), 4.128 (1.21), 4.135 (1.18), 4.139 (1.00), 5.034 (0.99), 5.044 (2.14), 5.057 (2.17), 5.067 (0.99), 5.747 (5.67), 6.713 (4.06), 6.726 (4.34), 6.811 (1.78), 6.823 (4.08), 6.835 (2.55), 6.899 (3.76), 6.912 (2.80), 7.101 (1.95), 7.113 (3.41), 7.126 (1.67), 7.259 (4.11), 7.267 (4.21), 7.669 (9.16), 7.672 (9.94), 7.681 (16.00), 7.684 (12.40), 7.691 (2.86), 7.705 (4.02), 7.717 (3.37), 7.795 (5.01), 7.798 (4.25), 7.803 (4.06), 7.806 (6.59), 7.892 (4.03), 7.894 (4.31), 7.904 (3.65), 7.906 (3.78), 8.700 (3.70), 8.714 (3.63), 8.975 (11.32).
493		LC-MS (Method L1): Rt = 1.07 min; MS (ESIpos): m/z = 494 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.23), 0.008 (1.23), 1.235 (0.64), 2.073 (0.59), 3.063 (16.00), 3.283 (0.84), 3.332 (1.24), 3.707 (0.83), 3.726 (0.96), 3.735 (0.87), 3.754 (0.75), 5.790 (0.75), 5.810 (0.75), 7.121 (0.41), 7.124 (0.46), 7.140 (0.96), 7.143 (1.04), 7.158 (0.66), 7.161 (0.71), 7.229 (0.45), 7.248 (1.01), 7.266 (0.67), 7.288 (1.37), 7.306 (0.61), 7.389 (1.07), 7.408 (0.94), 7.640 (7.94), 7.651 (2.13), 7.655 (2.38), 7.673 (1.13), 7.798 (1.17), 7.801 (1.35), 7.816 (1.24), 7.819 (1.23), 8.233 (0.99), 8.236 (1.09), 8.254 (0.96), 8.258 (0.98), 8.581 (0.48), 8.683 (3.65), 9.242 (0.98), 9.263 (0.98).
494		LC-MS (Method L1): Rt = 1.44 min; MS (ESIpos): m/z = 517 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.50), 1.234 (1.19), 1.797 (2.72), 1.813 (2.16), 1.831 (1.22), 2.017 (3.78), 2.027 (5.23), 2.042 (4.61), 2.052 (4.11), 2.118 (2.71), 2.141 (2.97), 2.166 (2.48), 2.174 (2.13), 2.187 (2.12), 2.198 (1.81), 2.209 (1.47), 2.242 (0.49), 3.802 (1.35), 3.825 (1.96), 3.849 (1.31), 4.211 (0.45), 4.219 (0.64), 4.238 (2.26), 4.247 (2.23), 4.257 (3.32), 4.265 (3.75), 4.279 (2.16), 4.297 (0.65), 4.306 (0.41), 5.268 (0.94), 5.283 (2.12), 5.303 (2.15), 5.317 (0.95), 5.754 (0.50), 6.780 (3.97), 6.800 (4.42), 6.906 (1.93), 6.924 (4.12), 6.943 (2.41), 7.146 (1.92), 7.150 (2.10), 7.167 (3.36), 7.185 (1.57), 7.188 (1.61), 7.334 (3.58), 7.352 (3.29), 7.615 (11.95), 7.620 (16.00), 7.643 (3.83), 7.648 (5.15), 7.652 (2.49), 7.709 (2.30), 7.728 (3.62), 7.749 (3.21), 7.835 (4.99), 7.853 (3.64), 8.277 (3.63), 8.297 (3.29), 8.751 (13.22), 9.097 (3.72), 9.117 (3.65).

519		LC-MS (Method L1): Rt = 0.91 min; MS (ESIpos): m/z = 518 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.157 (2.50), 1.175 (5.02), 1.193 (2.67), 1.234 (1.23), 1.540 (3.03), 1.988 (9.10), 2.063 (2.50), 2.079 (2.80), 2.198 (2.93), 2.221 (2.26), 2.328 (0.95), 2.366 (0.77), 2.670 (0.84), 2.694 (0.44), 2.710 (0.45), 2.961 (1.24), 2.983 (1.72), 3.003 (1.27), 3.192 (2.79), 3.209 (2.69), 3.510 (0.78), 3.568 (1.00), 3.687 (1.02), 3.944 (1.29), 3.964 (1.72), 3.984 (1.23), 4.003 (1.27), 4.020 (2.57), 4.038 (2.55), 4.056 (1.22), 4.264 (6.12), 5.271 (1.44), 5.287 (3.19), 5.305 (3.16), 5.320 (1.42), 6.779 (5.67), 6.799 (6.10), 6.907 (2.67), 6.926 (5.43), 6.944 (3.19), 7.147 (3.24), 7.166 (5.08), 7.185 (2.43), 7.345 (4.52), 7.364 (4.26), 7.621 (16.00), 7.641 (6.46), 7.646 (7.29), 7.666 (3.01), 7.691 (2.20), 7.711 (3.99), 7.731 (3.09), 7.832 (6.29), 7.849 (4.99), 7.890 (0.71), 7.908 (0.56), 8.417 (0.70), 8.654 (2.62), 8.675 (2.44), 8.759 (14.38), 8.912 (1.06), 9.129 (2.46), 9.139 (2.89), 9.149 (2.97), 9.159 (2.67).
520		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 565 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.735 (0.54), 1.741 (0.60), 1.753 (0.64), 1.769 (0.75), 1.775 (0.68), 1.785 (0.45), 1.982 (0.46), 1.994 (0.70), 2.008 (0.73), 2.016 (0.72), 2.029 (0.56), 3.944 (0.51), 3.950 (0.61), 3.972 (1.26), 3.993 (0.80), 3.999 (0.65), 4.118 (0.63), 4.125 (0.83), 4.134 (0.77), 4.142 (0.98), 4.153 (0.60), 4.162 (0.60), 4.169 (0.47), 5.070 (0.51), 5.084 (1.14), 5.104 (1.15), 5.118 (0.50), 5.754 (1.74), 6.728 (2.15), 6.748 (2.40), 6.803 (0.98), 6.822 (2.24), 6.840 (1.42), 6.951 (2.12), 6.969 (1.59), 7.106 (1.04), 7.127 (1.79), 7.145 (0.87), 7.684 (16.00), 7.737 (1.24), 7.757 (2.35), 7.776 (1.77), 7.862 (1.30), 7.929 (2.60), 7.940 (3.02), 7.943 (2.91), 7.961 (2.06), 8.010 (7.93), 8.156 (1.16), 8.519 (6.04), 8.866 (2.07), 8.886 (2.02), 8.999 (6.20).
539		LC-MS (Method L1): Rt = 1.28 min; MS (ESIpos): m/z = 533 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (2.51), 1.235 (0.43), 1.676 (1.54), 1.713 (2.60), 1.751 (1.67), 2.057 (0.97), 2.072 (1.11), 2.085 (1.87), 2.218 (1.33), 2.231 (1.31), 2.240 (1.26), 2.252 (0.92), 2.327 (0.56), 2.366 (0.60), 2.429 (2.14), 2.460 (2.25), 2.670 (0.69), 2.710 (0.67), 3.464 (1.07), 3.493 (1.97), 3.520 (2.14), 3.546 (2.15), 3.575 (1.18), 3.738 (1.26), 4.010 (3.17), 4.023 (2.81), 4.038 (2.85), 4.219 (0.82), 4.240 (2.21), 4.247 (1.78), 4.260 (2.15), 4.268 (2.70), 4.279 (2.21), 4.295 (1.97), 5.293 (0.94), 5.307 (2.08), 5.327 (2.08), 5.342 (0.90), 5.754 (5.00), 6.785 (3.97), 6.804 (4.38), 6.918 (1.97), 6.937 (4.07), 6.956 (2.40), 7.158 (2.10), 7.176 (3.37), 7.193 (1.61), 7.405 (3.52), 7.423 (3.20), 7.613 (13.15), 7.617 (16.00), 7.648 (4.20), 7.653 (5.68), 7.748 (2.29), 7.766 (3.65), 7.787 (3.20), 7.856 (4.95), 7.874 (3.52), 8.510 (3.43), 8.531 (3.17), 8.777 (12.63), 9.140 (3.54), 9.161 (3.54).
552		LC-MS (Method L1): Rt = 1.16 min; MS (ESIpos): m/z = 463 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 0.006 (2.45), 2.035 (0.75), 2.042 (0.79), 2.050 (0.83), 2.056 (0.84), 2.063 (1.08), 2.070 (0.92), 2.076 (0.65), 2.084 (0.55), 2.177 (0.48), 2.184 (0.73), 2.194 (0.96), 2.204 (0.93), 2.212 (0.89), 2.222 (0.61), 2.361 (0.44), 2.635 (0.42), 2.784 (16.00), 4.218 (0.41), 4.240 (1.35), 4.253 (2.26), 4.260 (2.33), 4.273 (1.44), 4.289 (0.47), 5.276 (0.62), 5.288 (1.38), 5.303 (1.35), 5.315 (0.58), 5.753 (1.80), 6.779 (2.82), 6.795 (3.02), 6.899 (1.36), 6.913 (2.78), 6.928 (1.56), 7.147 (1.37), 7.161 (2.32), 7.175 (1.13), 7.336 (2.58), 7.342 (1.47), 7.351 (3.50), 7.367 (1.58), 7.434 (1.15), 7.440 (1.23), 7.450 (1.98), 7.456 (2.00), 7.465 (1.00), 7.471 (0.96), 7.698 (2.97), 7.701 (2.98), 7.714 (4.43), 7.727 (3.55), 7.729 (3.39), 7.757 (2.79), 7.773 (3.09), 7.788 (1.77), 8.296 (2.65), 8.299 (2.73), 8.313 (2.51), 8.315 (2.43), 8.725 (3.78), 8.730 (3.80), 9.066 (1.31), 9.073 (1.41), 9.083 (1.35), 9.089 (1.27).
554		LC-MS (Method L1): Rt = 1.11 min; MS (ESIpos): m/z = 449 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.040 (0.54), 2.049 (0.56), 2.058 (0.59), 2.066 (0.62), 2.075 (0.86), 2.084 (0.82), 2.199 (0.74), 2.211 (0.72), 2.221 (0.67), 2.791 (16.00), 4.239 (1.25), 4.248 (1.18), 4.258 (1.91), 4.266 (2.10), 4.281 (1.17), 5.278 (0.52), 5.292 (1.15), 5.311 (1.17), 5.326 (0.53), 5.754 (2.08), 6.782 (2.11), 6.802 (2.36), 6.902 (1.03), 6.921 (2.23), 6.939 (1.30), 7.149 (1.12), 7.167 (1.84), 7.184 (0.89), 7.228 (0.92), 7.240 (0.93), 7.250 (0.92), 7.346 (1.97), 7.365 (1.80), 7.584 (0.41), 7.599 (0.74), 7.612 (0.76), 7.624 (0.74), 7.639 (0.41), 7.779 (1.17), 7.798 (2.28), 7.818 (2.13), 7.853 (2.63), 7.868 (1.51), 8.336 (2.03), 8.339 (2.04), 8.357 (1.93), 8.795 (6.37), 9.088 (1.87), 9.109 (1.81).

555		LC-MS (Method L1): Rt = 1.11 min; MS (ESIpos): m/z = 504 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.81), 0.008 (0.91), 1.235 (0.83), 1.583 (5.80), 1.773 (0.41), 1.790 (0.55), 1.800 (0.64), 2.756 (0.59), 2.782 (0.54), 2.812 (0.68), 2.820 (0.83), 2.977 (16.00), 7.042 (0.46), 7.061 (1.18), 7.070 (0.71), 7.072 (0.72), 7.087 (0.98), 7.090 (1.00), 7.106 (0.45), 7.109 (0.43), 7.131 (0.52), 7.150 (0.77), 7.502 (1.01), 7.520 (0.90), 7.610 (0.79), 7.628 (1.21), 7.632 (1.38), 7.638 (10.75), 7.649 (1.14), 7.771 (1.14), 7.774 (1.26), 7.789 (0.96), 7.792 (0.96), 8.202 (1.03), 8.205 (1.09), 8.223 (0.99), 8.227 (0.96), 8.645 (3.75), 8.744 (1.76).
562		LC-MS (Method L1): Rt = 0.74 min; MS (ESIpos): m/z = 533 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.58), -0.008 (5.47), 0.008 (4.38), 0.146 (0.61), 1.235 (1.34), 2.036 (1.59), 2.073 (0.95), 2.159 (1.17), 2.172 (1.51), 2.183 (1.48), 2.193 (1.40), 2.327 (1.17), 2.366 (0.64), 2.523 (2.77), 2.670 (1.31), 2.710 (0.67), 3.996 (0.51), 4.032 (9.72), 4.078 (0.42), 4.203 (0.70), 4.243 (3.57), 4.252 (4.02), 4.267 (2.26), 4.285 (0.76), 4.941 (4.22), 4.966 (2.98), 5.213 (0.97), 5.228 (2.18), 5.247 (2.17), 5.261 (0.90), 5.754 (8.48), 6.780 (4.08), 6.800 (4.58), 6.885 (1.79), 6.903 (3.77), 6.922 (2.20), 7.146 (2.20), 7.164 (3.60), 7.182 (1.68), 7.304 (3.88), 7.322 (3.85), 7.353 (2.26), 7.415 (1.60), 7.427 (2.01), 7.435 (2.80), 7.447 (3.08), 7.454 (1.54), 7.466 (1.53), 7.649 (1.29), 7.666 (5.30), 7.676 (5.97), 7.684 (13.71), 7.689 (6.43), 7.705 (4.35), 7.709 (4.08), 8.136 (4.77), 8.308 (0.72), 8.317 (3.74), 8.325 (3.26), 8.334 (3.46), 8.342 (3.29), 8.630 (16.00), 8.707 (5.45), 9.196 (1.74), 9.214 (2.90), 9.233 (1.90).
563		LC-MS (Method L1): Rt = 0.85 min; MS (ESIpos): m/z = 567 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (1.20), -0.008 (9.34), 0.008 (9.02), 0.146 (1.08), 0.854 (0.58), 1.148 (0.41), 1.235 (3.04), 2.039 (1.61), 2.085 (3.50), 2.183 (1.52), 2.194 (1.37), 2.327 (1.81), 2.366 (0.93), 2.669 (2.04), 2.709 (1.02), 3.508 (0.47), 4.039 (9.81), 4.253 (3.88), 4.268 (2.28), 4.948 (4.73), 4.972 (2.77), 5.225 (2.25), 5.243 (2.22), 5.754 (7.04), 6.782 (4.76), 6.803 (5.23), 6.888 (2.10), 6.907 (4.29), 6.925 (2.45), 7.149 (2.36), 7.167 (3.91), 7.184 (1.96), 7.305 (3.50), 7.325 (3.18), 7.454 (2.39), 7.477 (2.69), 7.483 (2.60), 7.652 (2.51), 7.670 (4.47), 7.691 (4.44), 7.721 (5.26), 7.737 (2.92), 7.910 (8.35), 7.916 (8.23), 8.163 (2.04), 8.338 (4.35), 8.341 (4.50), 8.359 (4.20), 8.362 (3.94), 8.642 (16.00), 8.717 (5.69), 9.213 (2.63), 9.233 (2.51).
569		LC-MS (Method L1): Rt = 0.78 min; MS (ESIpos): m/z = 549 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.40), 0.008 (2.06), 2.061 (1.27), 2.185 (1.12), 2.327 (0.94), 2.669 (0.87), 4.025 (5.86), 4.065 (0.57), 4.238 (1.84), 4.258 (2.64), 4.266 (2.99), 4.913 (1.72), 4.926 (3.39), 4.946 (3.52), 4.959 (1.75), 5.246 (1.74), 5.266 (1.56), 6.792 (3.51), 6.813 (3.85), 6.904 (1.66), 6.922 (3.36), 6.939 (2.06), 7.158 (1.80), 7.175 (2.74), 7.197 (1.28), 7.321 (2.74), 7.338 (2.56), 7.392 (1.86), 7.411 (2.11), 7.578 (2.92), 7.588 (4.18), 7.597 (5.85), 7.616 (4.05), 7.627 (5.32), 7.647 (1.93), 7.652 (2.84), 7.670 (3.21), 7.691 (2.98), 7.814 (3.61), 7.817 (3.83), 7.832 (3.05), 8.291 (3.30), 8.310 (3.02), 8.706 (16.00), 9.217 (2.96), 9.237 (2.95).
570		LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 493 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.87), 0.008 (0.82), 1.308 (6.89), 1.327 (16.00), 1.345 (7.07), 2.024 (0.53), 2.039 (1.21), 2.049 (1.28), 2.058 (1.29), 2.066 (1.35), 2.075 (1.94), 2.083 (1.61), 2.090 (1.19), 2.099 (0.77), 2.180 (0.74), 2.190 (1.30), 2.203 (1.54), 2.213 (1.54), 2.225 (1.35), 2.243 (0.95), 2.256 (0.53), 3.233 (1.89), 3.252 (5.94), 3.271 (5.86), 3.289 (1.97), 4.220 (0.46), 4.229 (0.69), 4.249 (2.90), 4.258 (4.37), 4.268 (5.05), 4.275 (4.55), 4.284 (2.85), 4.302 (0.68), 5.294 (1.14), 5.309 (2.53), 5.329 (2.56), 5.344 (1.15), 6.785 (4.65), 6.805 (5.16), 6.910 (2.22), 6.913 (2.38), 6.931 (4.95), 6.948 (2.88), 6.950 (2.91), 7.148 (2.35), 7.152 (2.57), 7.169 (4.01), 7.187 (1.89), 7.190 (1.93), 7.348 (4.27), 7.366 (3.97), 7.402 (2.57), 7.421 (3.07), 7.587 (3.08), 7.606 (10.61), 7.626 (5.62), 7.636 (4.50), 7.639 (7.18), 7.658 (2.73), 7.756 (2.88), 7.774 (4.86), 7.795 (4.63), 7.845 (5.60), 7.847 (6.27), 7.862 (3.86), 7.865 (3.83), 8.305 (4.57), 8.324 (4.08), 8.326 (4.06), 8.800 (15.69), 9.096 (4.36), 9.117 (4.28).
571		LC-MS (Method L1): Rt = 1.21 min; MS (ESIpos): m/z = 479 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.051 (0.52), 2.060 (0.52), 2.087 (0.83), 2.095 (0.71), 2.206 (0.69), 2.217 (0.69), 2.227 (0.59), 2.793 (16.00), 4.247 (1.21), 4.266 (1.74), 4.272 (1.87), 4.287 (1.09), 5.288 (0.50), 5.303 (1.10), 5.323 (1.10), 5.338 (0.49), 6.788 (2.15), 6.808 (2.34), 6.911 (1.04), 6.927 (2.14), 6.946 (1.29), 7.154 (1.12), 7.171 (1.74), 7.189 (0.83), 7.350 (1.84), 7.369 (1.70), 7.405 (1.21), 7.425 (1.42), 7.591 (1.39), 7.610 (5.39), 7.629 (2.38), 7.646 (3.07), 7.665 (1.25), 7.758 (1.35), 7.776 (2.19), 7.797 (2.04), 7.857 (2.46), 7.860 (2.60), 7.875 (1.77), 7.878 (1.68), 8.268 (2.07), 8.271 (2.11), 8.289 (1.94), 8.292 (1.85), 8.810 (6.83), 9.075 (1.81), 9.095 (1.79).

572		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 497 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.032 (0.65), 2.041 (0.71), 2.050 (0.76), 2.058 (0.79), 2.067 (1.04), 2.075 (0.91), 2.172 (0.41), 2.181 (0.73), 2.193 (0.92), 2.204 (0.91), 2.215 (0.83), 2.787 (16.00), 4.216 (0.41), 4.236 (1.41), 4.254 (2.29), 4.261 (2.58), 4.276 (1.47), 4.294 (0.44), 5.271 (0.58), 5.286 (1.35), 5.304 (1.38), 5.320 (0.61), 6.778 (2.39), 6.799 (2.67), 6.897 (1.24), 6.915 (2.63), 6.934 (1.54), 7.145 (1.36), 7.163 (2.20), 7.184 (1.05), 7.337 (2.34), 7.355 (2.19), 7.495 (2.29), 7.502 (1.52), 7.657 (0.42), 7.771 (6.93), 7.779 (3.68), 7.787 (3.32), 7.805 (0.67), 7.922 (2.71), 7.928 (2.67), 8.315 (1.92), 8.324 (1.81), 8.332 (1.66), 8.340 (1.74), 8.751 (4.10), 9.078 (2.11), 9.099 (2.06).
573		LC-MS (Method L1): Rt = 1.32 min; MS (ESIpos): m/z = 511 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.08), 0.008 (1.69), 1.311 (7.04), 1.329 (16.00), 1.348 (7.23), 2.018 (1.23), 2.028 (1.39), 2.037 (1.33), 2.053 (2.00), 2.062 (1.64), 2.188 (1.63), 2.198 (1.61), 2.210 (1.49), 2.229 (1.04), 2.241 (0.61), 2.327 (0.71), 2.670 (0.76), 3.241 (3.86), 3.260 (3.83), 4.217 (0.70), 4.236 (2.98), 4.246 (4.20), 4.256 (5.08), 4.263 (4.65), 4.272 (2.85), 4.290 (0.68), 5.274 (1.17), 5.289 (2.57), 5.308 (2.57), 5.323 (1.14), 6.776 (5.42), 6.796 (5.89), 6.897 (2.61), 6.899 (2.58), 6.915 (5.46), 6.934 (3.26), 7.140 (2.67), 7.144 (2.76), 7.161 (4.38), 7.179 (2.11), 7.332 (4.46), 7.351 (4.10), 7.492 (4.02), 7.498 (7.24), 7.504 (4.01), 7.755 (2.30), 7.767 (14.83), 7.772 (8.12), 7.785 (6.89), 7.803 (1.92), 7.919 (10.30), 7.925 (9.81), 8.348 (4.00), 8.355 (3.95), 8.367 (3.57), 8.373 (3.60), 8.742 (7.68), 8.747 (7.69), 9.108 (3.20), 9.127 (3.19).
574		LC-MS (Method L1): Rt = 0.91 min; MS (ESIpos): m/z = 480 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.196 (5.36), 1.216 (11.90), 1.234 (5.37), 2.071 (0.42), 2.613 (1.31), 2.632 (3.68), 2.651 (3.53), 2.669 (1.23), 3.055 (16.00), 4.243 (0.61), 4.251 (0.57), 4.262 (0.88), 4.270 (0.97), 4.284 (0.51), 5.245 (0.56), 5.264 (0.54), 6.788 (1.10), 6.806 (1.17), 6.902 (0.54), 6.905 (0.53), 6.921 (1.09), 6.939 (0.67), 6.942 (0.61), 7.064 (1.62), 7.148 (0.57), 7.152 (0.61), 7.169 (0.97), 7.191 (3.92), 7.351 (0.92), 7.368 (0.83), 7.588 (0.68), 7.606 (1.18), 7.626 (1.17), 7.657 (1.35), 7.661 (1.40), 7.675 (0.81), 7.679 (0.68), 8.153 (1.09), 8.156 (1.06), 8.173 (0.99), 8.177 (0.92), 8.573 (4.21), 9.076 (0.96), 9.096 (0.92).
575		LC-MS (Method L1): Rt = 1.22 min; MS (ESIpos): m/z = 477 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.315 (7.37), 1.334 (16.00), 1.352 (7.13), 2.016 (1.34), 2.026 (1.38), 2.034 (1.42), 2.051 (2.04), 2.060 (1.67), 2.188 (1.64), 2.210 (1.45), 2.224 (1.01), 2.327 (0.50), 2.669 (0.61), 3.238 (3.99), 3.257 (4.06), 4.245 (4.33), 4.256 (5.35), 4.271 (2.97), 5.276 (1.22), 5.290 (2.56), 5.309 (2.47), 5.324 (1.11), 6.773 (5.14), 6.792 (5.52), 6.895 (2.45), 6.913 (5.11), 6.932 (2.89), 7.141 (2.70), 7.159 (4.13), 7.176 (1.99), 7.330 (4.58), 7.349 (6.16), 7.359 (3.61), 7.363 (4.57), 7.425 (2.86), 7.431 (3.07), 7.444 (4.36), 7.451 (4.11), 7.464 (2.31), 7.470 (2.10), 7.693 (6.38), 7.697 (6.72), 7.702 (4.33), 7.705 (4.53), 7.713 (6.16), 7.717 (7.18), 7.719 (7.98), 7.723 (6.68), 7.752 (5.37), 7.772 (5.59), 7.790 (3.08), 8.326 (4.48), 8.329 (4.58), 8.347 (4.17), 8.718 (7.77), 8.724 (7.76), 9.099 (4.38), 9.120 (4.17).
582		LC-MS (Method L1): Rt = 0.99 min; MS (ESIpos): m/z = 514 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.161 (1.21), 1.180 (2.69), 1.196 (3.31), 1.216 (3.24), 1.230 (2.47), 1.235 (1.47), 1.249 (1.09), 1.356 (0.40), 2.044 (0.41), 2.184 (0.41), 2.595 (0.99), 2.609 (1.17), 2.628 (1.01), 2.728 (0.96), 2.745 (1.23), 2.763 (0.79), 3.065 (16.00), 4.229 (0.62), 4.237 (0.58), 4.248 (0.91), 4.256 (1.04), 4.270 (0.58), 5.227 (0.48), 5.241 (0.48), 6.774 (1.04), 6.794 (1.15), 6.883 (0.48), 6.902 (1.01), 6.920 (0.59), 6.967 (0.72), 6.972 (0.72), 6.996 (0.74), 7.001 (0.75), 7.138 (0.56), 7.156 (0.90), 7.174 (0.45), 7.218 (1.64), 7.223 (1.57), 7.331 (0.76), 7.350 (0.71), 7.550 (0.70), 7.567 (1.32), 7.595 (1.22), 7.616 (1.30), 7.633 (0.71), 8.199 (1.07), 8.203 (1.13), 8.220 (1.01), 8.224 (1.00), 8.506 (2.86), 9.055 (0.47), 9.073 (0.74), 9.092 (0.49).
583		LC-MS (Method L1): Rt = 1.20 min; MS (ESIpos): m/z = 556 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (1.62), 1.142 (0.89), 1.161 (6.60), 1.180 (13.02), 1.195 (16.00), 1.216 (15.26), 1.229 (11.19), 1.234 (6.42), 1.248 (5.03), 1.356 (2.57), 2.034 (1.17), 2.061 (1.72), 2.182 (1.53), 2.194 (1.58), 2.207 (1.56), 2.217 (1.57), 2.327 (0.56), 2.366 (0.40), 2.578 (1.59), 2.596 (4.14), 2.610 (4.95), 2.629 (4.33), 2.648 (1.32), 2.709 (1.71), 2.728 (3.88), 2.745 (4.90), 2.763 (3.19), 3.875 (11.89), 4.211 (0.84), 4.232 (2.57), 4.252 (3.80), 4.262 (3.67), 4.279 (2.36), 5.242 (2.14), 5.256 (2.13), 6.776 (4.90), 6.796 (5.51), 6.892 (1.72), 6.910 (3.66), 6.929 (2.06), 6.969 (3.24), 6.974 (3.27), 7.000 (3.63), 7.005 (3.58), 7.141 (2.39), 7.161 (3.89), 7.180 (2.02), 7.225 (7.39), 7.230 (6.95), 7.352 (4.16), 7.370 (3.84), 7.591 (3.42), 7.607 (5.69), 7.646 (5.21), 7.667 (5.45), 7.685 (3.27), 8.243 (4.62), 8.246 (4.72), 8.263 (4.30), 8.267 (4.07), 8.566 (8.87), 8.571 (9.34), 9.136 (2.13), 9.154 (3.49), 9.173 (2.18).

585		LC-MS (Method L4): Rt = 3.93 min; MS (ESIpos): m/z = 520 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.77), 0.008 (0.70), 2.009 (0.45), 2.124 (0.42), 2.137 (0.56), 2.159 (0.67), 2.173 (0.54), 2.729 (16.00), 3.132 (8.33), 3.140 (9.59), 4.242 (1.09), 4.256 (1.79), 4.268 (1.30), 4.285 (0.74), 4.304 (0.47), 4.313 (0.51), 5.228 (0.59), 5.244 (0.74), 5.261 (0.70), 5.277 (0.49), 5.754 (5.28), 6.788 (0.97), 6.800 (1.15), 6.807 (1.12), 6.818 (1.26), 6.861 (0.47), 6.879 (1.00), 6.898 (0.64), 6.905 (0.63), 6.923 (1.16), 6.942 (0.70), 7.145 (0.53), 7.163 (1.32), 7.184 (1.31), 7.201 (1.14), 7.217 (0.79), 7.322 (0.99), 7.341 (0.88), 7.673 (1.37), 7.677 (3.00), 7.682 (2.18), 7.707 (7.29), 7.712 (5.77), 7.789 (0.70), 7.809 (2.12), 7.827 (3.94), 7.832 (2.99), 7.849 (0.62), 7.852 (0.68), 7.975 (1.92), 7.980 (1.72), 7.991 (1.71), 7.996 (1.45), 9.158 (4.20), 9.183 (4.34), 9.199 (1.01).
586		LC-MS (Method L1): Rt = 0.98 min; MS (ESIpos): m/z = 494 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.313 (16.00), 2.359 (3.34), 3.056 (5.98), 4.262 (0.45), 4.271 (0.52), 6.788 (0.52), 6.809 (0.57), 6.924 (0.54), 7.173 (1.16), 7.218 (0.69), 7.346 (0.96), 7.367 (0.45), 7.611 (0.52), 7.631 (0.52), 7.659 (0.59), 8.157 (0.42), 8.564 (1.24), 9.083 (0.42), 9.103 (0.42).
587		LC-MS (Method L1): Rt = 1.18 min; MS (ESIpos): m/z = 536 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.295 (2.20), 1.313 (16.00), 2.360 (4.01), 3.276 (1.42), 3.287 (1.54), 3.875 (2.03), 4.268 (0.54), 6.789 (0.67), 6.810 (0.75), 6.932 (0.71), 6.950 (0.41), 7.156 (0.40), 7.175 (1.57), 7.225 (0.98), 7.349 (1.06), 7.373 (0.71), 7.392 (0.66), 7.659 (0.78), 7.679 (0.75), 7.698 (0.86), 7.712 (0.44), 8.213 (0.58), 8.230 (0.53), 8.623 (1.85), 9.157 (0.60), 9.178 (0.59).
588		LC-MS (Method L1): Rt = 1.14 min; MS (ESIpos): m/z = 522 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.01), 0.008 (0.99), 1.197 (7.08), 1.216 (16.00), 1.234 (7.43), 2.089 (0.55), 2.096 (0.46), 2.208 (0.52), 2.220 (0.48), 2.230 (0.47), 2.327 (0.44), 2.522 (1.17), 2.615 (1.76), 2.634 (5.17), 2.653 (5.02), 2.671 (1.92), 3.243 (0.45), 3.262 (1.26), 3.275 (2.62), 3.287 (2.82), 3.874 (4.06), 4.245 (0.80), 4.253 (0.63), 4.267 (1.07), 4.277 (1.01), 4.293 (0.68), 5.259 (0.75), 5.278 (0.75), 5.754 (1.39), 6.789 (1.42), 6.810 (1.58), 6.913 (0.73), 6.932 (1.50), 6.948 (0.89), 6.951 (0.88), 7.073 (2.20), 7.152 (0.74), 7.156 (0.80), 7.173 (1.25), 7.194 (5.31), 7.373 (1.25), 7.391 (1.18), 7.638 (0.84), 7.656 (1.64), 7.676 (1.69), 7.695 (1.79), 7.699 (2.07), 7.713 (0.99), 7.717 (0.85), 8.208 (1.34), 8.212 (1.38), 8.229 (1.26), 8.233 (1.22), 8.629 (5.50), 9.153 (1.39), 9.173 (1.34).
592		LC-MS (Method L1): Rt = 1.14 min; MS (ESIpos): m/z = 479 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.234 (0.47), 2.106 (0.61), 2.117 (0.70), 2.129 (0.79), 2.134 (0.71), 2.262 (0.49), 2.273 (0.68), 2.283 (0.72), 2.290 (0.70), 2.301 (0.52), 4.035 (0.41), 4.195 (0.49), 4.200 (0.56), 4.218 (1.25), 4.235 (0.87), 4.240 (0.70), 4.289 (0.70), 4.295 (0.92), 4.301 (0.85), 4.308 (0.93), 4.318 (0.57), 4.323 (0.56), 4.330 (0.43), 4.742 (1.91), 5.390 (0.52), 5.400 (1.12), 5.416 (1.11), 5.427 (0.51), 5.554 (0.98), 6.793 (2.09), 6.808 (2.27), 6.937 (1.02), 6.952 (2.13), 6.966 (1.23), 7.163 (1.03), 7.166 (1.07), 7.180 (1.76), 7.194 (0.87), 7.197 (0.82), 7.410 (1.80), 7.424 (1.69), 7.665 (16.00), 7.737 (1.30), 7.752 (2.11), 7.768 (1.83), 7.845 (2.28), 7.848 (2.39), 7.860 (1.82), 7.862 (1.73), 7.967 (1.51), 7.984 (1.29), 8.488 (0.66), 9.045 (5.88), 9.260 (1.85), 9.277 (1.82).
593		1.18 min; MS (ESIpos): m/z = 493 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.190 (0.46), 2.062 (0.53), 2.068 (0.53), 2.076 (0.53), 2.090 (0.66), 2.096 (0.59), 2.213 (0.59), 2.223 (0.59), 2.230 (0.53), 2.362 (0.53), 2.519 (0.72), 2.522 (0.53), 2.636 (0.53), 3.460 (0.99), 3.473 (2.24), 3.487 (1.32), 3.780 (1.05), 3.790 (1.51), 3.799 (0.99), 4.230 (0.46), 4.246 (1.12), 4.253 (0.79), 4.263 (1.05), 4.268 (1.32), 4.275 (0.99), 4.281 (0.79), 4.288 (0.86), 5.091 (0.86), 5.101 (1.78), 5.111 (0.79), 5.286 (0.40), 5.297 (0.86), 5.314 (0.86), 6.786 (1.91), 6.789 (1.91), 6.803 (2.17), 6.805 (2.11), 6.906 (1.05), 6.908 (1.12), 6.921 (1.91), 6.923 (1.84), 6.935 (1.19), 6.938 (1.12), 7.153 (0.99), 7.156 (0.99), 7.170 (1.51), 7.184 (0.79), 7.352 (1.12), 7.359 (1.58), 7.374 (1.38), 7.537 (0.40), 7.648 (4.54), 7.651 (16.00), 7.654 (3.23), 7.659 (0.72), 7.693 (0.66), 7.754 (1.45), 7.769 (1.91), 7.771 (1.65), 7.786 (1.78), 7.877 (2.17), 7.880 (2.24), 7.891 (1.78), 7.894 (1.65), 8.359 (1.58), 8.362 (1.65), 8.377 (1.58), 8.869 (7.57), 9.225 (1.65), 9.242 (1.58).

594	LC-MS (Method L1): Rt = 1.04 min; MS (ESIpos): m/z = 505 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.050 (0.60), 2.058 (0.65), 2.069 (0.70), 2.085 (0.97), 2.092 (0.83), 2.100 (0.60), 2.197 (0.65), 2.209 (0.88), 2.221 (0.86), 2.230 (0.81), 2.243 (0.56), 2.252 (0.44), 2.327 (0.42), 2.429 (16.00), 2.670 (0.44), 3.252 (0.90), 3.272 (2.69), 3.283 (5.98), 3.295 (7.10), 3.867 (4.41), 3.878 (7.26), 3.889 (4.17), 4.224 (0.46), 4.245 (1.41), 4.252 (1.14), 4.266 (1.97), 4.275 (1.86), 4.292 (1.23), 4.311 (0.44), 5.243 (0.60), 5.257 (1.32), 5.276 (1.32), 5.290 (0.58), 6.788 (2.37), 6.809 (2.62), 6.914 (1.18), 6.916 (1.21), 6.933 (2.50), 6.951 (1.48), 7.153 (1.23), 7.156 (1.30), 7.174 (2.09), 7.192 (1.02), 7.195 (1.00), 7.376 (2.23), 7.394 (2.09), 7.685 (3.87), 7.702 (2.60), 7.723 (2.30), 7.741 (3.73), 7.802 (2.78), 7.805 (2.92), 7.820 (2.32), 7.823 (2.62), 7.831 (3.66), 8.267 (2.32), 8.270 (2.39), 8.288 (2.20), 8.291 (2.13), 8.679 (8.26), 9.161 (2.34), 9.182 (2.30).
598	LC-MS (Method L1): Rt = 0.84 min; MS (ESIpos): m/z = 463 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.75), 0.008 (0.48), 2.068 (0.58), 2.076 (0.47), 2.175 (0.42), 2.188 (0.51), 2.199 (0.49), 2.209 (0.45), 2.427 (9.40), 2.523 (1.01), 3.070 (16.00), 4.242 (0.87), 4.250 (0.80), 4.261 (1.24), 4.269 (1.37), 4.284 (0.72), 5.241 (0.79), 5.261 (0.75), 6.785 (1.39), 6.787 (1.45), 6.805 (1.56), 6.808 (1.54), 6.905 (0.76), 6.908 (0.76), 6.924 (1.51), 6.926 (1.43), 6.942 (0.91), 6.945 (0.84), 7.149 (0.77), 7.153 (0.79), 7.170 (1.19), 7.187 (0.59), 7.191 (0.55), 7.354 (1.25), 7.372 (1.15), 7.632 (1.11), 7.650 (1.59), 7.654 (1.36), 7.672 (1.79), 7.680 (1.98), 7.737 (2.19), 7.739 (2.19), 7.762 (1.69), 7.766 (1.74), 7.780 (1.33), 7.783 (1.21), 7.828 (2.17), 8.220 (1.41), 8.223 (1.38), 8.241 (1.29), 8.244 (1.19), 8.613 (3.96), 9.082 (1.26), 9.103 (1.19).
600	LC-MS (Method L1): Rt = 1.13 min; MS (ESIpos): m/z = 447 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.033 (0.49), 2.041 (0.52), 2.068 (0.76), 2.076 (0.68), 2.195 (0.64), 2.205 (0.65), 2.216 (0.57), 2.783 (16.00), 4.236 (1.14), 4.255 (1.65), 4.262 (1.79), 4.276 (1.08), 5.274 (0.47), 5.288 (1.06), 5.308 (1.05), 5.323 (0.49), 6.778 (2.06), 6.799 (2.26), 6.898 (1.00), 6.914 (2.08), 6.933 (1.25), 7.141 (1.01), 7.145 (1.08), 7.163 (1.66), 7.180 (0.81), 7.266 (1.14), 7.274 (1.67), 7.289 (1.20), 7.296 (1.69), 7.303 (1.14), 7.311 (0.77), 7.324 (1.88), 7.333 (2.15), 7.345 (1.33), 7.354 (2.23), 7.584 (1.59), 7.597 (1.64), 7.606 (1.48), 7.619 (1.41), 7.717 (1.13), 7.720 (1.36), 7.734 (2.93), 7.738 (2.68), 7.753 (2.46), 7.773 (2.49), 7.791 (1.20), 8.293 (1.91), 8.297 (2.02), 8.314 (1.85), 8.318 (1.75), 8.738 (6.49), 9.072 (1.70), 9.093 (1.64).
601	LC-MS (Method L1): Rt = 1.01 min; MS (ESIpos): m/z = 528 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (0.79), 0.008 (0.75), 1.270 (12.17), 1.284 (12.89), 2.388 (3.41), 2.401 (3.26), 2.523 (0.94), 3.065 (16.00), 4.232 (0.55), 4.245 (0.88), 4.255 (1.03), 4.270 (0.61), 5.224 (0.60), 5.243 (0.60), 5.754 (1.14), 6.774 (1.15), 6.795 (1.28), 6.885 (0.58), 6.903 (1.22), 6.922 (0.69), 7.096 (0.63), 7.102 (0.70), 7.123 (0.72), 7.128 (0.75), 7.135 (0.65), 7.139 (0.65), 7.156 (0.97), 7.178 (0.46), 7.331 (0.94), 7.350 (0.87), 7.411 (1.63), 7.416 (1.58), 7.550 (0.92), 7.565 (1.38), 7.601 (1.33), 7.621 (1.46), 7.639 (0.85), 8.203 (1.13), 8.206 (1.22), 8.224 (1.07), 8.228 (1.06), 8.503 (1.65), 8.508 (1.79), 9.069 (1.03), 9.089 (1.02).
602	LC-MS (Method L1): Rt = 0.72 min; MS (ESIpos): m/z = 517 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.43), 0.008 (2.43), 2.005 (1.56), 2.014 (1.65), 2.040 (2.57), 2.048 (2.04), 2.174 (2.09), 2.186 (2.16), 2.196 (2.02), 2.327 (0.80), 2.366 (0.85), 2.669 (0.73), 2.710 (0.83), 4.032 (11.82), 4.207 (1.19), 4.227 (3.60), 4.235 (3.19), 4.246 (5.44), 4.254 (6.06), 4.270 (3.19), 4.287 (1.12), 4.938 (5.67), 4.956 (5.44), 5.217 (1.58), 5.231 (3.35), 5.251 (3.28), 5.265 (1.40), 6.782 (6.82), 6.803 (7.51), 6.889 (3.33), 6.907 (6.61), 6.924 (4.02), 7.145 (3.35), 7.149 (3.63), 7.166 (5.42), 7.187 (2.64), 7.252 (2.89), 7.274 (2.87), 7.293 (2.71), 7.307 (6.36), 7.314 (5.28), 7.323 (7.92), 7.335 (2.94), 7.343 (2.32), 7.576 (3.70), 7.589 (4.11), 7.598 (3.56), 7.611 (3.28), 7.650 (2.62), 7.667 (7.67), 7.686 (13.61), 7.701 (2.46), 8.132 (3.35), 8.319 (5.26), 8.325 (4.96), 8.338 (4.77), 8.344 (4.55), 8.642 (16.00), 8.708 (6.38), 9.213 (4.73), 9.234 (4.61).

603		LC-MS (Method L1): Rt = 1.20 min; MS (ESIpos): m/z = 461 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.312 (7.07), 1.330 (16.00), 1.349 (7.30), 2.004 (0.55), 2.019 (1.26), 2.030 (1.33), 2.038 (1.35), 2.047 (1.47), 2.055 (2.00), 2.063 (1.72), 2.071 (1.26), 2.079 (0.81), 2.167 (0.77), 2.178 (1.39), 2.190 (1.60), 2.200 (1.63), 2.212 (1.45), 2.226 (1.03), 2.243 (0.57), 3.220 (1.71), 3.238 (4.68), 3.256 (4.64), 3.274 (1.72), 4.218 (0.71), 4.237 (3.03), 4.246 (4.63), 4.256 (5.41), 4.263 (4.80), 4.272 (3.05), 4.291 (0.73), 5.278 (1.19), 5.293 (2.62), 5.312 (2.65), 5.328 (1.20), 6.775 (4.64), 6.795 (5.15), 6.897 (2.35), 6.900 (2.37), 6.916 (5.03), 6.934 (3.02), 7.139 (2.49), 7.143 (2.59), 7.160 (4.16), 7.178 (2.02), 7.181 (1.96), 7.269 (2.88), 7.276 (4.09), 7.292 (3.57), 7.299 (6.76), 7.307 (2.30), 7.321 (4.84), 7.330 (5.77), 7.342 (3.34), 7.350 (5.55), 7.436 (0.55), 7.444 (0.73), 7.460 (2.03), 7.470 (1.50), 7.483 (0.63), 7.488 (0.63), 7.582 (3.46), 7.595 (3.67), 7.604 (3.36), 7.617 (3.13), 7.635 (0.42), 7.708 (2.96), 7.712 (3.38), 7.726 (6.55), 7.729 (6.17), 7.751 (5.10), 7.772 (5.47), 7.790 (2.85), 8.326 (4.37), 8.329 (4.51), 8.347 (4.16), 8.350 (4.04), 8.731 (14.58), 9.104 (4.09), 9.124 (3.99).
604		LC-MS (Method L1): Rt = 0.76 min; MS (ESIpos): m/z = 517 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (3.57), 0.008 (3.20), 2.011 (1.02), 2.020 (1.09), 2.046 (1.71), 2.054 (1.42), 2.167 (1.15), 2.178 (1.46), 2.189 (1.42), 2.200 (1.38), 2.327 (1.33), 2.366 (0.84), 2.523 (2.88), 2.669 (1.31), 2.710 (0.80), 3.998 (0.69), 4.038 (7.81), 4.078 (0.67), 4.210 (0.82), 4.230 (2.51), 4.238 (2.22), 4.249 (3.71), 4.258 (4.19), 4.272 (2.17), 4.927 (2.42), 4.940 (4.59), 4.963 (4.55), 4.975 (2.31), 5.221 (1.04), 5.234 (2.24), 5.255 (2.20), 5.268 (0.95), 6.785 (4.62), 6.806 (4.88), 6.892 (2.31), 6.911 (4.53), 6.929 (2.71), 6.954 (0.51), 6.961 (0.47), 6.974 (0.51), 6.980 (0.47), 7.149 (2.60), 7.170 (3.77), 7.187 (1.84), 7.191 (1.80), 7.200 (0.51), 7.313 (4.11), 7.320 (3.57), 7.330 (3.82), 7.342 (6.10), 7.365 (3.68), 7.486 (3.11), 7.493 (4.44), 7.502 (3.13), 7.508 (4.84), 7.522 (3.02), 7.529 (1.75), 7.533 (2.37), 7.540 (1.93), 7.544 (2.24), 7.551 (1.58), 7.650 (3.11), 7.667 (4.50), 7.671 (3.77), 7.688 (4.24), 7.776 (4.79), 7.791 (3.62), 8.133 (0.44), 8.323 (4.42), 8.326 (4.28), 8.344 (4.04), 8.347 (3.75), 8.661 (16.00), 8.710 (5.68), 9.208 (3.97), 9.228 (3.79), 10.355 (1.09).
605		LC-MS (Method L1): Rt = 1.16 min; MS (ESIpos): m/z = 447 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.038 (0.55), 2.048 (0.59), 2.057 (0.62), 2.064 (0.65), 2.074 (0.89), 2.082 (0.75), 2.089 (0.55), 2.185 (0.61), 2.197 (0.74), 2.209 (0.73), 2.219 (0.68), 2.787 (16.00), 4.239 (1.30), 4.248 (1.30), 4.258 (1.93), 4.265 (2.14), 4.279 (1.20), 5.277 (0.53), 5.292 (1.20), 5.311 (1.21), 5.326 (0.54), 6.780 (2.05), 6.800 (2.32), 6.901 (1.05), 6.920 (2.28), 6.938 (1.33), 7.148 (1.14), 7.166 (1.88), 7.183 (0.88), 7.333 (1.49), 7.343 (2.14), 7.356 (3.17), 7.378 (1.66), 7.505 (1.11), 7.511 (1.81), 7.526 (2.33), 7.534 (1.46), 7.545 (1.03), 7.556 (1.03), 7.562 (0.70), 7.757 (1.11), 7.776 (2.36), 7.796 (2.24), 7.821 (2.68), 7.836 (1.38), 8.304 (2.03), 8.325 (1.92), 8.769 (6.05), 9.077 (1.92), 9.097 (1.89).
607		LC-MS (Method L1): Rt = 1.26 min; MS (ESIpos): m/z = 570 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.48), -0.008 (3.63), 0.008 (3.53), 0.146 (0.46), 1.175 (0.42), 1.269 (14.91), 1.283 (16.00), 1.398 (0.57), 1.988 (0.79), 2.065 (0.44), 2.195 (0.48), 2.327 (0.69), 2.366 (0.79), 2.388 (4.14), 2.401 (3.93), 2.669 (0.75), 2.709 (0.77), 3.283 (1.88), 3.876 (3.43), 4.231 (0.63), 4.252 (1.03), 4.279 (0.69), 5.238 (0.73), 5.258 (0.77), 5.754 (0.79), 6.776 (1.43), 6.797 (1.53), 6.891 (0.65), 6.910 (1.35), 6.928 (0.81), 7.102 (0.85), 7.131 (0.91), 7.143 (0.77), 7.161 (1.15), 7.180 (0.54), 7.353 (1.27), 7.370 (1.19), 7.418 (2.00), 7.424 (1.98), 7.590 (1.03), 7.607 (1.61), 7.652 (1.47), 7.673 (1.61), 7.690 (1.01), 8.250 (1.37), 8.267 (1.23), 8.564 (1.86), 8.572 (2.04), 9.148 (1.21), 9.168 (1.17).
608		LC-MS (Method L1): Rt = 1.12 min; MS (ESIpos): m/z = 559 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (2.94), 0.008 (2.84), 2.026 (1.36), 2.034 (1.46), 2.045 (1.57), 2.061 (2.14), 2.068 (1.86), 2.076 (1.39), 2.183 (1.38), 2.196 (1.99), 2.207 (1.94), 2.217 (1.90), 2.230 (1.30), 2.252 (0.65), 2.327 (0.62), 2.366 (0.58), 2.669 (0.72), 2.710 (0.61), 3.254 (1.39), 3.294 (9.84), 3.879 (15.30), 4.202 (0.81), 4.209 (1.06), 4.230 (3.23), 4.238 (2.57), 4.251 (4.00), 4.263 (3.86), 4.279 (2.90), 4.298 (1.09), 4.306 (0.75), 5.239 (2.49), 5.253 (2.51), 5.754 (2.12), 6.778 (5.59), 6.798 (6.16), 6.895 (2.42), 6.913 (5.26), 6.932 (3.13), 7.142 (2.78), 7.146 (3.03), 7.164 (4.72), 7.181 (2.33), 7.185 (2.30), 7.354 (5.00), 7.372 (4.65), 7.706 (2.07), 7.724 (7.43), 7.737 (7.97), 7.742 (16.00), 7.754 (2.22), 7.888 (2.90), 7.892 (3.07), 7.917 (3.30), 7.921 (3.26), 8.052 (0.43), 8.297 (0.70), 8.310 (4.84), 8.316 (4.51), 8.328 (4.39), 8.334 (4.48), 8.342 (7.65), 8.347 (7.65), 8.604 (10.28), 8.706 (0.70), 9.165 (3.36), 9.184 (3.22).

624		LC-MS (Method L1): Rt = 0.97 min; MS (ESIpos): m/z = 517 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.20), 0.008 (1.22), 2.044 (0.43), 2.185 (0.41), 2.195 (0.40), 3.080 (16.00), 4.227 (0.67), 4.246 (1.04), 4.254 (1.15), 4.269 (0.62), 5.235 (0.51), 5.754 (3.68), 6.776 (1.33), 6.796 (1.47), 6.887 (0.57), 6.905 (1.24), 6.924 (0.75), 7.142 (0.65), 7.159 (1.03), 7.180 (0.52), 7.331 (0.80), 7.350 (0.73), 7.652 (0.64), 7.670 (1.58), 7.690 (2.46), 7.697 (1.81), 7.710 (0.61), 7.882 (0.81), 7.908 (0.84), 8.278 (1.17), 8.283 (1.16), 8.298 (1.11), 8.303 (1.04), 8.333 (2.42), 8.337 (2.34), 8.531 (4.40), 9.078 (0.75), 9.098 (0.70).
628		LC-MS (Method L1): Rt = 1.22 min; MS (ESIpos): m/z = 461 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.308 (7.60), 1.326 (16.00), 1.345 (7.79), 2.061 (2.32), 2.203 (2.13), 2.327 (0.52), 2.670 (0.63), 3.243 (6.84), 3.262 (6.74), 3.280 (2.77), 4.260 (6.66), 5.298 (3.26), 5.314 (3.18), 6.777 (5.35), 6.797 (5.91), 6.903 (2.66), 6.921 (5.56), 6.940 (3.25), 7.145 (3.07), 7.163 (4.94), 7.182 (2.42), 7.339 (6.05), 7.354 (9.10), 7.375 (3.63), 7.511 (5.22), 7.526 (7.31), 7.550 (2.82), 7.756 (2.29), 7.774 (5.35), 7.794 (5.18), 7.810 (7.32), 7.827 (3.38), 8.338 (4.91), 8.358 (4.55), 8.763 (13.33), 9.106 (4.65), 9.126 (4.63).
631		LC-MS Method L4): Rt = 3.90 min; MS (ESIpos): m/z = 534 [M+H]+	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.091 (0.41), 1.235 (1.08), 1.259 (0.68), 1.299 (0.43), 2.066 (16.00), 2.100 (0.88), 2.214 (0.78), 2.226 (0.77), 2.235 (0.72), 2.268 (1.76), 2.328 (0.58), 2.669 (0.60), 2.750 (15.89), 4.208 (0.55), 4.228 (1.45), 4.249 (1.16), 4.258 (1.27), 4.269 (1.15), 4.286 (1.02), 5.143 (5.73), 5.250 (0.77), 5.282 (1.13), 5.301 (1.12), 6.790 (2.18), 6.810 (2.37), 6.917 (1.17), 6.935 (2.21), 6.953 (1.25), 7.157 (1.18), 7.177 (1.96), 7.195 (0.95), 7.381 (1.90), 7.400 (1.94), 7.654 (11.00), 7.658 (5.85), 7.723 (1.28), 7.741 (1.94), 7.762 (1.68), 7.882 (2.40), 7.898 (1.87), 8.251 (2.03), 8.270 (1.81), 8.917 (0.60), 8.948 (6.71), 9.278 (1.90), 9.298 (1.82).
643		LC-MS (Method L1): Rt = 0.91 min; MS (ESIpos): m/z = 520 $[M+H]^+$	^{1}H-NMR (400 MHz, DMSO-d6) δ [ppm]: 0.008 (0.88), 2.089 (0.52), 2.238 (16.00), 2.669 (1.25), 3.317 (2.60), 3.422 (1.31), 3.438 (1.42), 3.460 (1.08), 4.250 (0.72), 4.269 (1.14), 4.278 (1.25), 4.293 (0.65), 5.290 (0.69), 5.310 (0.69), 5.754 (0.94), 6.792 (1.36), 6.812 (1.48), 6.900 (0.70), 6.919 (1.32), 6.937 (0.81), 7.158 (0.66), 7.175 (1.10), 7.193 (0.52), 7.366 (1.17), 7.383 (1.06), 7.654 (11.60), 7.771 (0.81), 7.789 (1.28), 7.810 (1.17), 7.885 (1.61), 7.900 (1.17), 8.145 (3.08), 8.283 (1.19), 8.302 (1.09), 8.871 (4.70), 9.325 (1.18), 9.345 (1.13).
645		LC-MS (Method L1): Rt = 1.18 min; MS (ESIpos): m/z = 443 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 2.039 (0.59), 2.046 (0.63), 2.054 (0.65), 2.059 (0.66), 2.067 (0.88), 2.072 (1.06), 2.080 (0.51), 2.186 (0.59), 2.196 (0.76), 2.205 (0.79), 2.212 (0.72), 2.224 (0.47), 2.229 (0.41), 2.335 (10.23), 2.779 (16.00), 4.223 (0.40), 4.239 (1.31), 4.246 (1.16), 4.254 (2.05), 4.261 (2.12), 4.274 (1.15), 5.280 (0.52), 5.292 (1.13), 5.307 (1.10), 5.319 (0.50), 6.780 (2.18), 6.795 (2.35), 6.900 (1.09), 6.901 (1.08), 6.915 (2.22), 6.929 (1.29), 6.931 (1.20), 7.145 (1.11), 7.147 (1.14), 7.161 (1.96), 7.176 (3.03), 7.178 (3.05), 7.239 (1.53), 7.242 (1.36), 7.255 (1.82), 7.258 (1.60), 7.338 (1.91), 7.353 (1.78), 7.411 (2.22), 7.427 (1.81), 7.663 (1.80), 7.666 (1.84), 7.677 (2.62), 7.680 (2.49), 7.731 (2.08), 7.746 (1.86), 7.748 (2.32), 7.762 (1.51), 8.260 (2.18), 8.262 (2.20), 8.277 (2.05), 8.279 (1.93), 8.716 (5.69), 9.065 (1.86), 9.082 (1.80).
646		LC-MS (Method L1): Rt = 1.24 min; MS (ESIpos): m/z = 457 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6): δ [ppm] = 9.10 (br d, 1H), 8.71 (s, 1H), 8.30 (d, 1H), 7.75 (t, 1H), 7.66 (d, 1H), 7.42 (d, 1H), 7.34 (d, 1H), 7.25 (dd, 1H), 7.19-7.14 (m, 2H), 6.92 (t, 1H), 6.78 (d, 1H), 5.33-5.28 (m, 1H), 4.29-4.22 (m, 2H), 3.36 (br s, 1H), 3.28-3.20 (m, 2H), 2.33 (s, 3H), 2.27-2.16 (m, 1H), 2.05 (ddd, 1H), 1.33 (t, 3H)
653		LC-MS (Method L1): Rt = 1.20 min; MS (ESIpos): m/z = 531 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.160 (0.41), 1.175 (1.01), 1.189 (0.61), 1.235 (0.61), 1.397 (2.84), 1.988 (3.65), 2.004 (2.63), 2.085 (7.09), 2.155 (2.63), 2.165 (2.63), 2.172 (2.43), 2.362 (1.01), 2.432 (3.04), 2.636 (0.81), 3.375 (0.61), 3.904 (2.23), 4.023 (0.61), 4.037 (0.61), 4.219 (4.46), 4.242 (6.08), 4.249 (6.08), 4.256 (5.47), 4.263 (5.87), 4.278 (3.24), 5.233 (3.44), 5.247 (3.44), 5.752 (2.23), 5.856 (5.06), 6.764 (9.32), 6.766 (9.72), 6.780 (10.33), 6.782 (10.33), 6.888 (2.84), 6.902 (5.87), 6.918 (3.24), 7.138 (4.25), 7.141 (4.46), 7.155 (7.29), 7.169 (3.65), 7.334 (6.08), 7.349 (6.48), 7.375 (4.46), 7.441 (3.85), 7.447 (4.46), 7.457 (6.48), 7.463 (6.89), 7.472 (3.24), 7.478 (3.44), 7.708 (11.75), 7.711 (11.75), 7.724 (15.39), 7.728 (16.00), 7.738 (14.38), 7.742 (12.96), 7.751 (12.76), 7.767 (12.35), 7.781 (5.67), 8.059 (9.11), 8.062 (9.11), 8.075 (7.90), 8.078 (7.49), 8.819 (13.57), 8.827 (13.57), 8.933 (5.27), 8.949 (4.25).

654		LC-MS (Method L1): Rt = 1.17 min; MS (ESIpos): m/z = 587 $[M+H]^+$	^{1}H-NMR (500 MHz, CHLOROFORM-d) δ [ppm]: 0.006 (1.86), 1.222 (0.43), 1.255 (1.78), 1.549 (4.29), 2.005 (0.63), 2.009 (0.62), 2.025 (0.45), 2.034 (0.78), 2.038 (0.71), 2.170 (2.80), 2.175 (0.46), 2.270 (0.45), 2.281 (0.47), 2.285 (0.45), 2.292 (0.67), 2.302 (0.60), 3.056 (15.99), 3.423 (4.44), 3.459 (16.00), 3.534 (4.30), 4.074 (0.85), 4.079 (0.78), 4.097 (1.34), 4.101 (1.18), 4.119 (0.75), 4.124 (0.61), 4.294 (0.63), 4.302 (1.10), 4.311 (0.65), 4.317 (0.54), 4.325 (0.84), 4.333 (0.42), 5.348 (0.49), 5.358 (0.84), 5.367 (0.90), 5.375 (0.81), 5.385 (0.43), 6.731 (0.89), 6.733 (0.88), 6.746 (1.75), 6.760 (1.01), 6.762 (0.97), 6.823 (2.09), 6.840 (2.28), 6.922 (0.50), 7.080 (1.31), 7.092 (1.92), 7.099 (1.43), 7.105 (1.69), 7.178 (1.13), 7.181 (0.97), 7.195 (1.67), 7.209 (1.14), 7.212 (1.11), 7.220 (5.56), 7.282 (0.46), 7.376 (1.54), 7.423 (2.79), 7.427 (3.79), 7.430 (1.97), 7.526 (2.61), 7.532 (7.59), 7.536 (6.59), 7.590 (1.03), 7.604 (1.42), 7.607 (1.87), 7.621 (2.19), 7.645 (2.30), 7.648 (2.42), 7.656 (0.71), 7.662 (1.26), 7.665 (1.03), 7.736 (2.01), 7.739 (1.84), 7.749 (2.20), 7.752 (1.94), 7.764 (0.48), 7.766 (0.43), 7.818 (0.54), 7.821 (0.50), 7.835 (0.46), 9.108 (1.57), 9.133 (5.65).
655		LC-MS (Method L1): Rt = 1.18 min; MS (ESIpos): m/z = 463 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.311 (7.80), 1.327 (16.00), 1.341 (7.58), 2.033 (1.52), 2.041 (1.61), 2.047 (1.74), 2.054 (1.78), 2.061 (2.13), 2.067 (1.87), 2.198 (1.93), 2.207 (1.91), 2.215 (1.83), 3.235 (2.53), 3.250 (6.81), 3.265 (6.83), 3.279 (3.01), 4.227 (1.01), 4.244 (3.29), 4.258 (5.03), 4.264 (5.39), 4.276 (3.07), 4.290 (0.97), 5.288 (1.40), 5.300 (2.99), 5.315 (2.94), 5.327 (1.35), 6.781 (5.15), 6.797 (5.61), 6.909 (2.60), 6.924 (5.33), 6.939 (3.03), 7.151 (2.73), 7.165 (4.53), 7.180 (2.23), 7.228 (2.53), 7.236 (2.62), 7.345 (4.77), 7.360 (4.45), 7.601 (2.02), 7.607 (2.10), 7.614 (2.02), 7.782 (2.66), 7.797 (5.11), 7.813 (4.47), 7.845 (6.38), 7.857 (3.89), 8.374 (4.77), 8.389 (4.49), 8.789 (13.74), 9.121 (4.49), 9.137 (4.40).
676		LC-MS (Method L1): Rt = 1.27 min; MS (ESIpos): m/z = 437 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.319 (6.59), 1.334 (14.59), 1.349 (6.59), 1.869 (13.65), 2.031 (1.41), 2.052 (1.88), 2.059 (1.41), 2.200 (1.41), 2.292 (16.00), 2.362 (1.41), 2.636 (1.88), 3.236 (3.29), 3.251 (3.76), 3.375 (0.94), 3.418 (0.94), 4.238 (2.35), 4.253 (3.29), 4.259 (3.76), 4.271 (2.35), 5.282 (0.94), 5.295 (1.88), 5.310 (1.88), 6.778 (4.24), 6.793 (4.71), 6.901 (1.88), 6.916 (4.24), 6.931 (2.35), 6.962 (5.18), 7.099 (2.35), 7.114 (4.24), 7.147 (2.35), 7.157 (5.18), 7.171 (3.29), 7.330 (3.29), 7.345 (2.82), 7.590 (4.24), 7.592 (4.24), 7.604 (5.18), 7.606 (4.71), 7.712 (4.24), 7.726 (3.76), 7.729 (4.24), 7.743 (3.29), 8.252 (3.76), 8.254 (4.24), 8.269 (3.76), 8.689 (13.65), 9.070 (2.35), 9.088 (1.88).
684		LC-MS (Method L1): Rt = 1.28 min; MS (ESIpos): m/z = 469 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: -0.120 (0.78), -0.007 (5.46), 0.007 (3.90), 0.117 (0.39), 1.520 (12.10), 1.523 (11.71), 1.534 (12.49), 1.538 (11.71), 1.548 (14.05), 1.563 (13.66), 1.866 (16.00), 1.884 (16.00), 2.036 (1.56), 2.176 (1.56), 2.281 (16.00), 2.294 (16.00), 2.362 (1.95), 2.636 (1.56), 3.363 (1.17), 3.853 (1.95), 4.219 (2.34), 4.245 (2.34), 4.252 (2.73), 4.259 (2.34), 4.266 (2.34), 5.248 (2.73), 5.264 (2.34), 6.771 (5.46), 6.786 (5.85), 6.892 (2.73), 6.906 (5.46), 6.924 (5.46), 6.948 (3.51), 7.131 (3.51), 7.138 (3.12), 7.142 (3.90), 7.147 (5.07), 7.169 (2.34), 7.206 (3.90), 7.215 (3.90), 7.221 (2.73), 7.230 (2.73), 7.318 (3.90), 7.333 (3.51), 7.642 (3.51), 7.660 (5.46), 7.678 (3.51), 8.473 (3.12), 8.484 (3.51), 8.492 (3.51), 8.504 (3.12), 8.640 (11.32), 8.643 (10.54), 9.075 (2.73), 9.082 (2.73), 9.092 (2.73), 9.098 (2.73).
685		LC-MS (Method L1): Rt = 1.18 min; MS (ESIpos): m/z = 423 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: -0.007 (1.56), 0.006 (1.12), 1.861 (5.14), 2.038 (0.49), 2.044 (0.51), 2.052 (0.51), 2.058 (0.54), 2.066 (0.72), 2.072 (0.58), 2.079 (0.42), 2.185 (0.47), 2.195 (0.63), 2.205 (0.63), 2.212 (0.58), 2.297 (7.94), 2.778 (16.00), 4.237 (0.98), 4.243 (0.79), 4.254 (1.52), 4.261 (1.45), 4.268 (0.93), 4.275 (0.98), 5.278 (0.42), 5.290 (0.91), 5.306 (0.89), 5.317 (0.40), 6.779 (1.89), 6.781 (1.96), 6.796 (2.10), 6.798 (2.06), 6.899 (0.84), 6.915 (1.68), 6.929 (0.96), 6.965 (2.03), 7.101 (1.03), 7.116 (1.78), 7.145 (1.00), 7.148 (1.10), 7.157 (2.34), 7.172 (1.31), 7.179 (0.84), 7.335 (1.31), 7.350 (1.19), 7.599 (1.92), 7.602 (1.92), 7.613 (2.38), 7.616 (2.27), 7.714 (1.96), 7.728 (1.78), 7.731 (2.15), 7.745 (1.64), 8.219 (2.08), 8.222 (2.13), 8.236 (1.96), 8.239 (1.82), 8.701 (6.47), 9.043 (1.66), 9.060 (1.66).

686		LC-MS (Method L1): Rt = 1.14 min; MS (ESIpos): m/z = 479 $[M+H]^+$	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 0.005 (1.04), 2.043 (0.47), 2.048 (0.60), 2.053 (0.96), 2.058 (1.04), 2.065 (1.12), 2.069 (1.07), 2.077 (1.37), 2.081 (1.20), 2.087 (2.11), 2.092 (0.63), 2.193 (0.58), 2.199 (0.86), 2.202 (0.81), 2.207 (1.32), 2.213 (0.97), 2.216 (1.31), 2.221 (1.32), 2.230 (0.99), 2.236 (0.64), 2.239 (0.62), 2.244 (0.46), 2.793 (0.55), 3.345 (8.00), 4.220 (0.71), 4.225 (0.87), 4.234 (0.90), 4.239 (2.32), 4.244 (1.61), 4.253 (1.77), 4.258 (1.47), 4.268 (1.42), 4.273 (1.80), 4.279 (1.58), 4.285 (1.91), 4.292 (0.78), 4.298 (0.84), 4.303 (0.65), 5.037 (16.00), 5.287 (0.91), 5.297 (1.95), 5.310 (1.96), 5.320 (0.92), 6.790 (3.66), 6.791 (3.76), 6.803 (4.00), 6.804 (3.99), 6.917 (1.85), 6.918 (1.84), 6.929 (3.75), 6.931 (3.68), 6.942 (2.14), 6.943 (2.05), 7.159 (1.78), 7.161 (1.80), 7.173 (3.01), 7.184 (1.56), 7.187 (1.49), 7.259 (1.51), 7.267 (1.49), 7.274 (1.49), 7.376 (3.08), 7.388 (2.95), 7.609 (0.49), 7.614 (0.63), 7.619 (0.75), 7.624 (1.18), 7.628 (1.14), 7.633 (1.23), 7.638 (1.18), 7.642 (1.18), 7.646 (0.74), 7.651 (0.65), 7.657 (0.56), 7.800 (2.66), 7.812 (3.85), 7.814 (3.18), 7.826 (3.61), 7.873 (4.17), 7.875 (4.29), 7.885 (3.06), 7.887 (2.94), 8.416 (3.61), 8.418 (3.65), 8.430 (3.48), 8.432 (3.27), 8.890 (12.74), 9.184 (3.52), 9.197 (3.43).
687		LC-MS (Method L1): Rt = 1.24 min; MS (ESIpos): m/z = 445 $[M+H]^+$	^{1}H-NMR (500 MHz, DMSO-d6) δ [ppm]: 1.306 (6.83), 1.321 (15.00), 1.336 (6.50), 2.030 (0.50), 2.043 (1.17), 2.050 (1.17), 2.058 (1.17), 2.064 (1.33), 2.072 (6.00), 2.078 (1.33), 2.084 (1.00), 2.091 (0.67), 2.187 (0.67), 2.194 (1.17), 2.205 (1.33), 2.214 (1.33), 2.222 (1.17), 2.234 (0.83), 2.248 (0.50), 2.363 (0.50), 2.637 (0.50), 3.235 (1.83), 3.250 (5.50), 3.265 (5.67), 3.280 (2.50), 3.352 (3.17), 3.358 (2.17), 3.365 (1.17), 3.376 (0.83), 3.429 (0.50), 4.236 (0.83), 4.251 (2.67), 4.261 (2.83), 4.266 (3.50), 4.270 (3.67), 4.274 (3.67), 4.282 (2.33), 4.297 (0.67), 5.298 (1.00), 5.310 (2.17), 5.326 (2.17), 5.337 (1.00), 6.786 (4.17), 6.788 (4.33), 6.802 (4.67), 6.804 (4.50), 6.916 (2.17), 6.918 (2.17), 6.931 (4.33), 6.933 (4.17), 6.945 (2.67), 6.948 (2.50), 7.153 (2.17), 7.156 (2.17), 7.170 (3.50), 7.184 (1.83), 7.187 (1.67), 7.257 (0.83), 7.261 (1.67), 7.266 (1.33), 7.276 (1.67), 7.280 (3.50), 7.285 (2.33), 7.294 (1.00), 7.299 (1.67), 7.304 (1.17), 7.333 (4.67), 7.337 (5.17), 7.350 (8.83), 7.364 (3.83), 7.757 (3.17), 7.771 (4.50), 7.774 (3.83), 7.788 (4.17), 7.868 (5.17), 7.871 (5.17), 7.882 (4.00), 7.885 (3.67), 8.316 (4.00), 8.318 (4.00), 8.333 (3.83), 8.335 (3.50), 8.828 (16.00), 9.103 (3.67), 9.120 (3.67).
688		LC-MS (Method L1): Rt = 1.21 min; MS (ESIpos): m/z = 463 $[M+H]^+$	^{1}H-NMR (600 MHz, DMSO-d6): d [ppm] = 9.15 (d, 1H), 8.78 (s, 1H), 8.37 (dd, 1H), 7.83 (d, 1H), 7.80 (d, 1H), 7.47-7.40 (m, 1H), 7.37-7.31 (m, 2H), 7.17 (t, 1H), 6.93 (t, 1H), 6.79 (d, 1H), 5.33-5.29 (m, 1H), 4.30-4.22 (m, 2H), 3.33-3.20 (m, 2H), 2.24-2.17 (m, 1H), 2.09-2.01 (m, 1H), 1.33 (t, 3H)
695		LC-MS (Method L1): Rt = 1.17 min; MS (ESIpos): m/z = 431 $[M+H]^+$	^{1}H-NMR (600 MHz, DMSO-d6) δ [ppm]: 2.063 (0.84), 2.069 (0.94), 2.074 (0.95), 2.081 (1.08), 2.086 (1.02), 2.209 (1.01), 2.217 (1.02), 2.223 (0.98), 2.231 (0.76), 2.790 (16.00), 4.237 (0.59), 4.250 (1.61), 4.255 (1.39), 4.269 (2.17), 4.275 (1.71), 4.280 (1.46), 4.286 (1.51), 4.299 (0.61), 5.297 (0.70), 5.307 (1.52), 5.319 (1.53), 5.329 (0.70), 5.762 (2.23), 6.793 (2.52), 6.807 (2.70), 6.919 (1.29), 6.932 (2.60), 6.944 (1.48), 7.162 (1.32), 7.174 (2.26), 7.187 (1.14), 7.280 (0.92), 7.295 (1.78), 7.311 (0.98), 7.349 (3.64), 7.358 (5.29), 7.369 (3.11), 7.762 (1.45), 7.774 (2.50), 7.788 (1.76), 7.885 (2.83), 7.897 (2.35), 8.285 (2.53), 8.299 (2.38), 8.841 (5.87), 9.107 (2.25), 9.120 (2.21).

TABLE 3a-3e: Intermediates

TABLE 3a

1Q-OEt

TABLE 3b

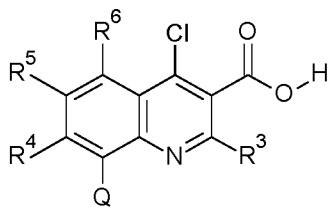
Number	R3	R4	R5	R6	Q
1Q-1	H	H	H	H	3,5-dichlorophenyl
1Q-2	H	H	H	H	2,3,5-trichlorophenyl
1Q-3	H	H	H	H	2,3-dichlorophenyl
1Q-4	H	H	H	H	3,5-difluorophenyl
1Q-5	H	H	H	H	2,3,5-trifluorophenyl
1Q-6	H	H	H	H	2,3-difluorophenyl
1Q-7	H	F	H	H	3,5-dichlorophenyl
1Q-8	H	F	H	H	2,3,5-trichlorophenyl
1Q-9	H	F	H	H	2,3-dichlorophenyl
1Q-10	H	F	H	H	3,5-difluorophenyl
1Q-11	H	F	H	H	2,3,5-trifluorophenyl
1Q-12	H	F	H	H	2,3-difluorophenyl
1Q-13	H	H	H	H	3,5-dimethylphenyl

1U-OEt

Number	R2	R3	R4	R5	R6	Q
1U-1	dimethylamino	H	H	H	H	3,5-dichlorophenyl
1U-2	dimethylamino	H	H	H	H	2,3,5-trichlorophenyl
1U-3	dimethylamino	H	H	H	H	2,3-dichlorophenyl
1U-4	dimethylamino	H	H	H	H	3,5-difluorophenyl
1U-5	dimethylamino	H	H	H	H	2,3,5-trifluorophenyl
1U-6	dimethylamino	H	H	H	H	2,3-difluorophenyl
1U-7	dimethylamino	H	F	H	H	3,5-dichlorophenyl
1U-8	dimethylamino	H	F	H	H	2,3,5-trichlorophenyl
1U-9	dimethylamino	H	F	H	H	2,3-dichlorophenyl
1U-10	dimethylamino	H	F	H	H	3,5-difluorophenyl
1U-11	dimethylamino	H	F	H	H	2,3,5-trifluorophenyl
1U-12	dimethylamino	H	F	H	H	2,3-difluorophenyl
1U-13	morpholin-4-yl	H	H	H	H	3,5-dichlorophenyl
1U-14	morpholin-4-yl	H	H	H	H	2,3,5-trichlorophenyl
1U-15	morpholin-4-yl	H	H	H	H	2,3-dichlorophenyl
1U-16	morpholin-4-yl	H	H	H	H	3,5-difluorophenyl
1U-17	morpholin-4-yl	H	H	H	H	2,3,5-trifluorophenyl
1U-18	morpholin-4-yl	H	H	H	H	2,3-difluorophenyl
1U-19	morpholin-4-yl	H	F	H	H	3,5-dichlorophenyl

1U-20	morpholin-4-yl	H	F	H	H	2,3,5-trichlorophenyl
1U-21	morpholin-4-yl	H	F	H	H	2,3-dichlorophenyl
1U-22	morpholin-4-yl	H	F	H	H	3,5-difluorophenyl
1U-23	morpholin-4-yl	H	F	H	H	2,3,5-trifluorophenyl
1U-24	morpholin-4-yl	H	F	H	H	2,3-difluorophenyl

TABLE 3c

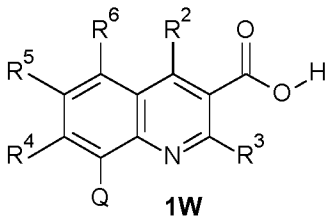


1R

Number	R3	R4	R5	R6	Q
1R-1	H	H	H	H	3,5-dichlorophenyl
1R-2	H	H	H	H	2,3,5-trichlorophenyl
1R-3	H	H	H	H	2,3-dichlorophenyl
1R-4	H	H	H	H	3,5-difluorophenyl
1R-5	H	H	H	H	2,3,5-trifluorophenyl
1R-6	H	H	H	H	2,3-difluorophenyl
1R-7	H	F	H	H	3,5-dichlorophenyl
1R-8	H	F	H	H	2,3,5-trichlorophenyl
1R-9	H	F	H	H	2,3-dichlorophenyl
1R-10	H	F	H	H	3,5-difluorophenyl

1R-11	H	F	H	H	2,3,5-trifluorophenyl
1R-12	H	F	H	H	2,3-difluorophenyl
1R-13	H	H	H	H	3,5-dimethylphenyl

TABLE 3d

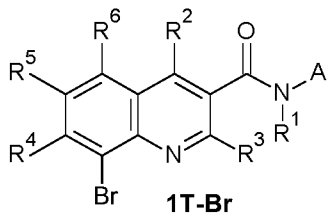


1W

Number	R2	R3	R4	R5	R6	Q
1W-1	dimethylamino	H	H	H	H	3,5-dichlorophenyl
1W-2	dimethylamino	H	H	H	H	2,3,5-trichlorophenyl
1W-3	dimethylamino	H	H	H	H	2,3-dichlorophenyl
1W-4	dimethylamino	H	H	H	H	3,5-difluorophenyl
1W-5	dimethylamino	H	H	H	H	2,3,5-trifluorophenyl
1W-6	dimethylamino	H	H	H	H	2,3-difluorophenyl
1W-7	dimethylamino	H	F	H	H	3,5-dichlorophenyl
1W-8	dimethylamino	H	F	H	H	2,3,5-trichlorophenyl
1W-9	dimethylamino	H	F	H	H	2,3-dichlorophenyl
1W-10	dimethylamino	H	F	H	H	3,5-difluorophenyl
1W-11	dimethylamino	H	F	H	H	2,3,5-trifluorophenyl
1W-12	dimethylamino	H	F	H	H	2,3-difluorophenyl
1W-13	morpholin-4-yl	H	H	H	H	3,5-dichlorophenyl
1W-14	morpholin-4-yl	H	H	H	H	2,3,5-trichlorophenyl
1W-15	morpholin-4-yl	H	H	H	H	2,3-dichlorophenyl
1W-16	morpholin-4-yl	H	H	H	H	3,5-difluorophenyl

1W-17	morpholin-4-yl	H	H	H	H	2,3,5-trifluorophenyl
1W-18	morpholin-4-yl	H	H	H	H	2,3-difluorophenyl
1W-19	morpholin-4-yl	H	F	H	H	3,5-dichlorophenyl
1W-20	morpholin-4-yl	H	F	H	H	2,3,5-trichlorophenyl
1W-21	morpholin-4-yl	H	F	H	H	2,3-dichlorophenyl
1W-22	morpholin-4-yl	H	F	H	H	3,5-difluorophenyl
1W-23	morpholin-4-yl	H	F	H	H	2,3,5-trifluorophenyl
1W-24	morpholin-4-yl	H	F	H	H	2,3-difluorophenyl

TABLE 3e



1T-Br

Number	R1	R2	R3	R4	R5	R6	A
1T-1	H	dimethylamino	H	H	H	H	(4S)-3,4-dihydro-2H-chromen-4-yl
1T-2	H	dimethylamino	H	H	H	H	(1S)-2,3-dihydro-1H-inden-1-yl
1T-3	H	dimethylamino	H	F	H	H	(4S)-3,4-dihydro-2H-chromen-4-yl
1T-4	H	dimethylamino	H	F	H	H	(1S)-2,3-dihydro-1H-inden-1-yl
1T-5	H	morpholin-4-yl	H	H	H	H	(4S)-3,4-dihydro-2H-chromen-4-yl
1T-6	H	morpholin-4-yl	H	H	H	H	(1S)-2,3-dihydro-1H-inden-1-yl
1T-7	H	morpholin-4-yl	H	F	H	H	(4S)-3,4-dihydro-2H-chromen-4-yl

1T-8	H	morpholin-4-yl	H	F	H	H	(1S)-2,3-dihydro-1H-inden-1-yl

Table 4: LC-MS and NMR or NMR Peaklist of Intermediates

Example N°	logP (Method L0) [a]	LC-MS (Method L2-L5)	NMR or NMR Peaklist
1-Q3	5,19		^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 9.100(11.2);8.521(2.9);8.516(3.1);8.501(3.1);8.496(3.3);7.983(1.5);7.965(4.5);7.945(9.0);7.941(6.3);7.928(1.8);7.756(2.9);7.752(3.4);7.736(3.6);7.732(3.8);7.504(2.2);7.485(5.2);7.465(3.5);7.434(4.1);7.431(4.7);7.415(2.5);7.412(2.4);4.454(2.4);4.436(7.3);4.418(7.3);4.400(2.5);3.321(80.5);2.891(0.5);2.731(0.5);2.672(1.1);2.502(195.0);2.329(1.1);2.075(1.2);1.387(7.9);1.369(16.0);1.351(7.7);0.146(0.4);0.000(90.1);-0.150(0.5)
1Q-13		LC-MS (Method L1): Rt = 1.43 min; MS (ESIpos): m/z = 340 [M+H]+	1H-NMR (400MHz, DMSO-d6): δ [ppm] = 9.13 (s, 1H), 8.42 (dd, 1H), 7.87 - 7.96 (m, 2H), 7.20 (s, 2H), 7.07 (s, 1H), 4.44 (q, 2H), 2.35 (s, 6H), 1.38 (t, 3H).
1U-5	2,40		1H-NMR (400MHz, DMSO-d6): δ [ppm] = 8.73 (s, 1H), 8.35 (d, 1H), 7.83 (d, 1H), 7.72 – 7.69 (t, 1H), 7.61 – 7.58 (m, 1H), 7.24 – 7.22 (m, 1H), 4.41 – 4.35 (q, 2H), 3.09 (s, 6H), 1.36 (t, 3H).
1U-8	4,57		^{1}H-NMR(400.0 MHz, d_6-DMSO): δ=8.857(1.9);8.703(3.6);8.425(0.7);8.409(0.8);8.401(0.8);8.386(0.7);8.305(0.4);8.290(0.5);8.281(0.5);8.266(0.5);7.967(2.0);7.961(2.1);7.687(0.8);7.664(1.2);7.647(0.5);7.641(0.8);7.626(0.5);7.623(0.5);7.603(0.4);7.586(2.0);7.580(2.0);5.758(5.2);4.420(0.4);4.403(1.3);4.391(0.8);4.385(1.4);4.374(2.3);4.367(0.6);4.356(2.3);4.338(0.7);3.326(10.9);3.094(16.0);3.071(9.4);2.514(7.9);2.509(15.9);2.505(21.1);2.500(15.4);2.496(7.6);1.382(1.4);1.364(3.0);1.357(2.6);1.346(1.6);1.339(5.3);1.321(2.4);1.299(0.5);1.269(0.5);0.008(0.8);0.000(20.5);-0.008(0.9)
1U-11	2,40		^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.730(3.6);8.348(1.0);8.345(0.9);8.327(1.1);7.828(0.9);7.813(1.3);7.725(1.0);7.707(1.0);7.704(1.0);7.686(0.7);7.607(0.4);7.601(0.4);7.594(0.4);7.586(0.4);7.581(0.4);7.243(0.5);7.233(0.4);7.221(0.5);4.407(0.8);4.390(2.4);4.372(2.4);4.354(0.8);3.327(5.3);3.089(16.0);2.509(10.6);2.505(13.3);2.501(9.7);1.397(10.3);1.372(2.5);1.355(5.2);1.337(2.4);0.008(0.5);0.000(10.8);-0.009(0.5)

1U-13	5,19	LC-MS (Method 1): Rt = 2.36 min; m/z = 431/433 $(M+H)^+$	^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.829(5.1);8.335(1.1);8.332(1.2);8.314(1.2);8.311(1.2);7.900(1.1);7.897(1.2);7.882(1.5);7.879(1.4);7.759(1.2);7.740(1.3);7.737(1.4);7.719(0.9);7.646(16.0);4.441(0.9);4.423(3.1);4.405(3.1);4.388(1.0);3.896(2.6);3.885(3.5);3.874(2.7);3.320(6.3);3.273(2.7);3.262(3.4);3.251(2.4);2.525(0.6);2.511(14.8);2.507(30.3);2.503(39.9);2.498(28.5);2.494(13.8);1.397(6.5);1.376(7.1);1.359(3.3);0.000(3.3)
1U-15	3,90	LC-MS (Method 1): R_t = 2.17 min; m/z = 431/433 $(M+H)^+$	^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.726(8.4);8.345(1.6);8.337(1.6);8.327(1.7);8.320(1.8);7.768(0.8);7.751(3.0);7.740(3.4);7.733(6.7);7.723(1.0);7.713(2.2);7.709(2.3);7.693(2.5);7.689(2.5);7.468(1.8);7.448(3.6);7.429(2.2);7.369(2.7);7.366(2.8);7.350(1.9);7.347(1.7);4.427(1.5);4.409(4.8);4.391(4.9);4.373(1.6);3.899(4.4);3.887(8.0);3.876(4.6);3.321(37.8);3.293(2.5);3.282(5.5);3.270(5.3);3.259(2.2);3.239(0.6);2.671(0.4);2.506(61.9);2.502(81.2);2.498(60.0);2.329(0.5);1.397(16.0);1.380(5.5);1.362(11.1);1.344(5.2);0.008(2.2);0.000(45.4)
1R-1		LC-MS (Method L1): R_t = 1.16 min; MS (ESIpos): m/z = 352 $[M+H]^+$	1H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.008 (1.29), 0.008 (1.20), 1.760 (0.44), 2.329 (0.64), 2.367 (0.44), 2.524 (2.38), 2.671 (0.63), 2.711 (0.43), 3.601 (0.50), 7.654 (1.72), 7.660 (4.30), 7.664 (6.77), 7.669 (16.00), 7.673 (7.64), 7.804 (1.91), 7.823 (3.49), 7.843 (3.22), 7.887 (3.53), 7.890 (3.71), 7.904 (2.79), 8.354 (3.04), 8.357 (3.11), 8.375 (2.85), 8.378 (2.73), 8.907 (6.32).
1R-3		LC-MS (Method L1): R_t = 1.05 min; MS (ESIpos): m/z = 352 $[M+H]^+$	1H-NMR (400 MHz, DMSO-d6) δ [ppm]: 1.175 (0.47), 1.356 (0.45), 1.989 (0.90), 2.074 (8.95), 2.329 (0.81), 2.369 (0.60), 2.671 (0.95), 2.711 (0.65), 2.865 (0.47), 3.092 (0.78), 7.362 (0.70), 7.381 (1.05), 7.409 (6.34), 7.427 (11.32), 7.462 (7.73), 7.481 (11.58), 7.500 (5.55), 7.530 (1.06), 7.550 (0.60), 7.585 (0.87), 7.693 (1.21), 7.728 (9.06), 7.747 (7.85), 7.895 (5.45), 7.911 (13.10), 7.923 (10.39), 7.943 (10.33), 7.961 (4.26), 7.992 (0.98), 8.009 (0.69), 8.448 (0.92), 8.485 (8.46), 8.505 (8.03), 9.072 (16.00), 9.141 (1.24), 14.022 (0.91).
1R-13		LC-MS (Method L1): R_t = 1.15 min; MS (ESIpos): m/z = 312 $[M+H]^+$	1H-NMR (400 MHz, DMSO-d6) δ [ppm]: 2.346 (16.00), 7.062 (1.52), 7.189 (3.52), 7.884 (1.52), 7.895 (1.68), 7.902 (3.49), 8.396 (0.99), 8.403 (0.92), 8.414 (0.88), 8.421 (0.87), 9.116 (2.83).
1W-8	2,17		^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.717(3.1);8.422(0.7);8.406(0.8);8.399(0.9);8.383(0.8);7.965(2.0);7.960(2.1);7.823(0.5);7.815(0.5);7.809(0.5);7.796(0.6);7.783(0.6);7.675(0.9);7.652(1.4);7.630(0.9);7.586(2.0);7.580(2.0);7.502(0.4);7.478(0.7);7.466(1.1);7.385(0.6);7.344(0.6);6.579(0.3);3.328(75.7);3.106(16.0);3.077(0.5);2.671(0.7);2.549(1.8);2.503(106.1);2.339(0.8);2.329(0.8);2.324(0.7);1.271(0.7);1.170(2.7);0.146(0.4);0.000(76.2);-0.150(0.4)
1W-15	1,86	LC-MS (Method 1): Rt = 1.78 min; m/z = 403/405 $(M+H)^+$ [mass of free base]	^{1}H-NMR(400.0 MHz, d_6-DMSO): δ= 8.449(15.5);8.278(3.9);8.275(4.0);8.257(4.4);8.254(4.3);7.688(4.2);7.684(4.3);7.668(5.2);7.664(5.0);7.603(3.0);7.586(4.8);7.565(4.2);7.502(5.2);7.499(5.4);7.484(3.9);7.481(3.6);7.447(3.6);7.428(7.2);7.408(4.5);7.343(5.4);7.339(5.5);7.324(4.0);7.320(3.6);3.823(9.2);3.812(16.0);3.801(9.9);3.601(0.4);3.353(665.1);3.325(9.0);3.314(7.9);2.672(0.7);2.508(106.3);2.503(137.7);2.499(101.0);2.330(0.8);1.759(0.5);0.000(19.5)

1-T1		LC-MS (Method L1): R_t = 0.73 min; MS (ESIpos): m/z = 426 $[M+H]^+$	1H-NMR (400 MHz, DMSO-d6) δ [ppm]: 3.050 (16.00), 4.241 (0.59), 4.249 (0.48), 4.262 (0.64), 4.268 (0.76), 4.276 (0.62), 4.283 (0.49), 4.292 (0.50), 5.245 (0.56), 5.264 (0.55), 6.794 (0.98), 6.814 (1.10), 6.919 (0.49), 6.938 (1.05), 6.956 (0.61), 7.163 (0.52), 7.181 (0.86), 7.198 (0.40), 7.362 (0.91), 7.381 (0.84), 7.441 (0.75), 7.461 (1.18), 7.481 (0.82), 8.082 (1.07), 8.099 (1.02), 8.159 (1.09), 8.180 (1.03), 8.680 (3.34), 9.095 (0.82), 9.115 (0.80).
1-T5		LC-MS (Method L1): R_t = 0.92 min; MS (ESIneg): m/z = 466 $[M-H]^-$	1H-NMR (400 MHz, DMSO-d6) δ [ppm]: -0.149 (0.41), -0.008 (4.42), 0.008 (3.18), 2.041 (0.54), 2.048 (0.76), 2.056 (1.13), 2.063 (1.19), 2.076 (1.30), 2.091 (1.80), 2.098 (1.57), 2.106 (1.11), 2.197 (0.74), 2.206 (1.17), 2.218 (1.70), 2.231 (1.59), 2.240 (1.58), 2.253 (1.13), 2.262 (0.74), 2.274 (0.52), 2.327 (0.60), 2.366 (0.49), 2.523 (2.30), 2.669 (0.66), 2.710 (0.48), 3.217 (0.69), 3.228 (1.18), 3.248 (4.71), 3.258 (11.00), 3.269 (11.28), 3.279 (5.00), 3.842 (8.92), 3.853 (14.13), 3.864 (8.07), 4.214 (0.80), 4.221 (1.01), 4.242 (2.68), 4.249 (2.03), 4.263 (2.41), 4.271 (2.08), 4.276 (2.00), 4.286 (2.44), 4.293 (2.07), 4.302 (2.18), 4.314 (0.86), 4.321 (0.96), 4.329 (0.65), 5.245 (1.10), 5.259 (2.45), 5.279 (2.44), 5.292 (1.06), 6.797 (4.29), 6.815 (4.84), 6.927 (2.26), 6.929 (2.16), 6.946 (4.75), 6.964 (2.87), 7.164 (2.33), 7.167 (2.40), 7.185 (3.85), 7.202 (1.91), 7.206 (1.79), 7.385 (4.05), 7.403 (3.77), 7.499 (3.74), 7.518 (5.40), 7.538 (4.06), 8.123 (4.80), 8.125 (5.04), 8.142 (4.71), 8.144 (4.51), 8.197 (4.92), 8.199 (4.64), 8.218 (4.71), 8.753 (16.00), 9.177 (3.99), 9.197 (3.89).
1-T7	2,69		^{1}H-NMR(400.0 MHz, d_6-DMSO): δ = 9.220(2.1);9.200(2.1);8.789(9.2);8.283(1.8);8.268(1.9);8.260(2.0);8.244(1.9); 7.671(2.0);7.650(2.6);7.627(1.8);7.402(2.0);7.385(2.2);7.203(1.1);7.186(2.2);7.169(1.3);7.165(1.3);6.964(1.6);6.945(2.6);6.929(1.3);6.926(1.2);6.819(2.9);6.798(2.7);5.286(0.6);5.272(1.3);5.252(1.3);5.238(0.6);4.329(0.4);4.320(0.5);4.312(0.5);4.301(1.1);4.292(1.1);4.284(1.3);4.276(1.0);4.267(1.1);4.260(1.3);4.246(1.1);4.238(1.4);4.218(0.5);4.211(0.5);3.865(4.4);3.854(7.4);3.843(4.7);3.726(3.9);3.715(4.8);3.703(4.1);3.568(16.0);3.487(0.4);3.332(12.7);3.280(4.6);3.270(7.3);3.259(6.7);3.229(1.2);3.023(3.6);3.011(4.6);2.999(3.4);2.675(0.7);2.671(0.9);2.666(0.7);2.510(61.4);2.506(124.6);2.502(165.2);2.497(119.8);2.329(1.0);2.272(0.4);2.261(0.5);2.250(0.6);2.237(0.9);2.228(0.9);2.215(1.0);2.202(0.7);2.193(0.4);2.103(0.6);2.095(0.8);2.088(1.0);2.071(0.8);2.060(0.7);2.053(0.6);1.470(0.4);0.936(0.4);0.008(1.0);0.000(24.6);-0.008(1.1)

EXPERIMENTAL SECTION – BIOLOGICAL ASSAYS

Examples were tested in selected biological assays one or more times. When tested more than once, data are reported as either average values or as median values, wherein

- the average value, also referred to as the arithmetic mean value, represents the sum of the values obtained divided by the number of times tested, and
- the median value represents the middle number of the group of values when ranked in ascending or descending order. If the number of values in the data set is odd, the median is the middle value. If the number of values in the data set is even, the median is the arithmetic mean of the two middle values.

Examples were synthesized one or more times. When synthesized more than once, data from biological assays represent average values or median values calculated utilizing data sets obtained from testing of one or more synthetic batch.

The *in vitro* activity of the compounds of the present invention can be demonstrated in the following assays:

***In vitro* assay 1: *C. elegans* Slo-1a - Action at a recombinant C. elegans cell line**

Generation of a stable C. elegans CHO cell line

A CHO cell line was obtained from ATCC, code ATCC CRL-9096. For transfection with plasmid DNA to express *C. elegans* Slo-1a (accession number AAL28102) CHO cells were passaged to 40% confluence before adding the transfection solution to the cell culture. The transfection solution included 300 µL OptiMEM (Life Technologies, Nr.: 31985), 2 µL (= 6 µg) of plasmid DNA containing the C. elegans Slo 1a gene and 9µL FugeneHD (Promega, Nr.: E2311), and was added to the cells prior to incubation for 48 hours at 37°C, 5% CO_2. The transfection medium was exchanged for the selection medium which contains additional G418 (2 mg/ml, Invitrogen, Nr.: 10131) and the cells were seeded into 384 well plates (300 cells/well). After a few weeks, the remaining surviving cells were tested with a voltage sensitive dye (Membrane Potential Assay Kit, Molecular Devices Nr.: R8034) for K+ channel expression. Positive cell clones were purified by the limited dilution technique. For this the clone with the highest and most robust signal in the voltage sensitive dye assay was further subcloned (incubated) in 384 well plates (0.7 cells/well) in order to obtain clonal purity. This generated a final stable CHO cell line expressing the C. elegans Slo-1a.

Cell culture conditions

Cells were cultured at 37 °C and 5% CO_2 in MEMalpha with Gutamax I (Invitrogen, Nr.: 32571), supplemented with 10% (v/v) heat inactivated fetal bovine serum (Invitrogen, Nr.: 10500), G418 (1 mg/ml, Invitrogen, Nr.: 10131). Cells were detached using Accutase (Sigma, Nr.: A6964).

Membrane potential measurements

Laboratory compound testing was performed on 384-well microtiter plates (MTPs, Greiner, Nr.: 781092). 8000 cells/well were plated onto 384-well MTPs and cultured for 20 to 24 hours at 37 °C and 5% CO_2. After removal of the cell culture medium, the cells were washed once with tyrode (150 mM NaCl, 0.3 mM KCl, 2 mM $CaCl_2$, 1mM $MgCl_2$, 0.8 mM NaH_2PO_4, 5mM Glucose, 28 mM Hepes, pH 7.4) and then loaded with the voltage sensitive dye of the Membrane Potential Assay Kit diluted in tyrode for 1 h at room temperature.

After starting the measurement of fluorescence using a FLIPR Tetra (Molecular Devices, Exc. 510-545 nm, Emm. 565-625 nm), test compounds were added followed by the addition of KCl tyrode (final assay concentration: 70 mM KCl, 2 mM $CaCl_2$, 1mM $MgCl_2$, 0.8 mM NaH_2PO_4, 5mM Glucose, 28 mM Hepes, pH 7.4, including the voltage sensitive dye). The measurement was completed after 7 minutes.

Statistics

The data were evaluated by using the ActivityBase XLfit software (IDBS) for curve fitting and calculation of the half-maximal effective concentration (EC_{50}) and are reported as negative decadic logarithm (pE_{50}).

For the following examples, pE_{50} >5,3 - 6,5 has been found for: 27, 28, 85, 87, 88, 109, 131, 182, 183, 243, 345, 361, 363, 402, 424, 440, 510, 511, 521, 534, 547, 555, 580, 592, 599, 656.

For the following examples, pE_{50} >6,5-7,5 has been found for: 1, 62, 68, 69, 71, 95, 114, 120, 122, 125, 129, 136, 148, 185, 216, 230, 241, 242, 246, 264, 276, 289, 299, 324, 346, 354, 372, 379, 389, 390, 399, 401, 424, 432, 439, 456, 459, 474, 512, 513, 514, 519, 546, 560, 568, 578, 581, 584, 625, 632, 634, 654, 665.

For the following examples, pE_{50} >7,5-8,5 has been found for: 2, 3, 4, 5, 6, 23, 55, 58, 63, 64, 65, 66, 73, 74, 90, 93, 98, 102, 110, 117, 119, 124, 127, 128, 144, 145, 147, 150, 152, 154, 158, 159, 163, 173, 180, 188, 195, 196, 203, 204, 212, 213, 218, 219, 224, 229, 231, 232, 236, 245, 252, 253, 255, 257, 258, 259, 263, 266, 268, 269, 270, 273, 280, 284, 287, 288, 291, 295, 297, 301, 304, 308, 311, 312, 317, 319, 320, 321, 323, 325, 342, 343, 344, 348, 360, 370, 375, 378, 380, 381, 383, 384, 385, 386, 391, 392, 393, 394, 397, 403, 405, 412, 429, 433, 434, 443,

447, 454, 457, 458, 460, 461, 463, 464, 466, 471, 472, 473, 475, 476, 480, 481, 482, 483, 484, 486, 493, 494, 495, 499, 500, 501, 502, 503, 507, 508, 509, 515, 517, 518, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 535, 536, 537, 538, 541, 545, 550, 551, 559, 561, 562, 563, 566, 567, 569, 570, 571, 572, 573, 574, 575, 577, 579, 585, 590, 593, 595, 597, 602, 615, 619, 620, 621, 622, 623, 626, 630, 633, 635, 640, 643, 661.

For the following examples, pE_{50} >8,5 has been found for: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 41,42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 56, 57, 60, 61, 70, 72, 75, 76, 77, 80, 81, 82, 83, 89, 100, 101, 108, 112, 115, 121, 130, 132, 133, 134, 135, 137, 138, 139, 140, 141, 142, 143, 146, 151, 153, 155, 156, 157, 160, 161, 162, 164, 165, 166, 167, 168, 169, 170, 171, 172, 174, 175, 176, 177, 178, 179, 181, 184, 186, 187, 189, 190, 191, 192, 193, 194, 197, 200, 201, 205, 206, 207, 208, 209, 210, 211, 214, 215, 217, 220, 221, 222, 223, 225, 226, 227, 228, 233, 234, 235, 237, 238, 239, 240, 244, 247, 248, 249, 250, 251, 254, 256, 260, 261, 262, 265, 267, 271, 272, 274, 275, 277, 278, 279, 281, 282, 283, 290, 292, 293, 294, 296, 298, 300, 302, 305, 307, 309, 310, 313,314, 315, 316, 318, 322, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 338, 339, 340, 341, 349, 350, 351, 352, 353, 355, 356, 357, 358, 359, 362, 364, 365, 366, 367, 368, 369, 371, 373, 374, 376, 377, 382, 387, 388, 395, 396, 398, 400, 404, 406, 407, 408, 409, 410, 411, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 425, 426, 427, 428, 429, 430, 431, 435, 436, 437, 438, 441, 442, 444, 445, 446, 448, 449, 450, 451, 452, 453, 455, 462, 465, 467, 468, 469, 470, 477, 478, 479, 485, 487, 488, 489, 490, 491, 492, 496, 497, 498, 504, 505, 506, 516, 517, 520, 539, 540, 542, 543, 544, 548, 549, 552, 553, 554, 556, 557, 558, 564, 565, 576, 582, 583, 586, 587, 588, 589, 591, 594, 596, 598, 600, 601, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 616, 617, 618, 624, 627, 628, 629, 631, 636, 637, 638, 639, 641, 642, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 655, 657, 658, 659, 660, 662, 663, 664, 666.

***In vitro* assay 2: *Nippostrongylus brasiliensis* (NIPOBR)**

Adult *Nippostrongylus brasiliensis* were washed with saline buffer containing 100 U/ml penicillin, 0.1 mg/ml streptomycin and 2.5 µg/ml amphotericin B. Test compounds were dissolved in DMSO and worms were incubated in medium in a final concentration of 10 µg/ml (10 ppm) respectively 1µg/ml (1 ppm). An aliquot of the medium was used to determine the acetylcholine esterase activity in comparison to a negative control. The principle of measuring acetylcholine esterase as readout for anthelmintic activity was described in Rapson et al (1986) and Rapson et al (1987).

For the following examples, activity (reduction of AChE compared to negative control) was higher than 80% at 10 µg/ml: 8, 9, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 29, 31, 32, 33, 34, 35, 36, 37, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 57, 58,

59, 60, 61, 62, 64, 65, 66, 67, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 81, 82, 83, 87, 89, 95, 100, 101, 104, 108, 112, 115, 116, 119, 122, 123, 127, 128, 130, 132, 133, 134, 135, 136, 137, 138, 139, 141, 142, 143, 144, 146, 147, 148, 333, 334, 336, 338, 339, 340, 341, 349, 362, 363, 364, 373, 609, 610, 611, 612, 613, 614, 615, 617, 618, 619, 620, 623, 630.

For the following examples, activity (reduction of AChE compared to negative control) was higher than 80% at 1 µg/ml: 8, 9, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 29, 31, 32, 33, 34, 35, 36, 37, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 57, 58, 60, 61, 65, 67, 69, 70, 73, 74, 75, 76, 77, 80, 81, 82, 83, 84, 89, 92, 93, 95, 100, 101, 108, 112, 114, 115, 116, 117, 118, 119, 122, 124, 125, 126, 127, 128, 129, 130, 132, 133, 134, 135, 136, 137, 138, 139, 142, 143, 144, 146, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 160, 161, 162, 163, 165, 166, 167, 168, 169, 170, 171, 172, 176, 178, 181, 182, 185, 186, 187, 189, 190, 191, 192, 193, 194, 195, 197, 198, 200, 201, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 214, 215, 217, 218, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 247, 249, 250, 251, 254, 256, 257, 260, 261, 262, 263, 265, 266, 268, 271, 272, 273, 274, 275, 276, 277, 279, 280, 281, 282, 283, 284, 285, 287, 288, 289, 290, 291, 292, 293, 294, 301, 302, 307, 308, 309, 310, 311, 313, 314, 315, 318, 319, 321, 322, 326, 327, 328, 329, 330, 331, 332, 333, 334, 336, 338, 339, 340, 341, 342, 347, 349, 350, 352, 353, 355, 356, 357, 358, 359, 360, 362, 364, 365, 367, 369, 370, 373, 374, 375, 377, 382, 384, 385, 386, 388, 392, 394, 395, 396, 397, 400, 403, 404, 406, 407, 408, 409, 410, 411, 413, 414, 415, 417, 418, 419, 420, 421, 422, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 441, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 458, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 476, 477, 478, 479, 482, 485, 486, 487, 488, 490, 491, 492, 495, 496, 497, 498, 499, 500, 501, 504, 505, 506, 507, 508, 509, 516, 517, 520, 527, 528, 529, 530, 531, 532, 533, 535, 536, 537, 538, 540, 541, 542, 543, 544, 545, 548, 549, 550, 551, 552, 553, 554, 556, 557, 558, 561, 562, 563, 564, 565, 566, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 581, 582, 583, 585, 586, 587, 588, 590, 594, 596, 597, 598, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 617, 618, 619, 620, 623, 624, 626, 627, 628, 629, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 645, 646, 647, 648, 649, 650, 651, 652, 653, 655, 657, 658, 660.

<u>*In vitro* assay 3: *Dirofilaria immitis* microfilariae (DIROIM L1)</u>

≥ 250 *Dirofilaria immitis* microfilariae, which were freshly purified from blood, were added to wells of a microtitre plate containing a nutrient medium and the test compound in DMSO. Compounds were tested in concentration-response assay in duplicate. Larvae exposed to

DMSO and no test compounds were used as negative controls. Larvae were evaluated after 72 h of incubation with the compound. Efficacy was determined as the reduction of motility in comparison to the negative control. Based on the evaluation of a wide concentration range, concentration-response curves as well as EC_{50}-values were calculated.

For the following examples, the EC_{50} was < 0.1 ppm: 1, 4, 5, 6, 7, 8, 9, 10, 12, 13, 15, 16, 17, 22, 23, 24, 25, 26, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 50, 51, 52, 53, 54, 56, 57, 58, 60, 61, 64, 65, 69, 73, 74, 76, 77, 80, 81, 82, 83, 84, 89, 101, 103, 108, 111, 112, 115, 117, 119, 124, 125, 127, 128, 129, 130, 132, 133, 134, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 185, 186, 187, 188, 189, 190, 191, 192, 194, 196, 197, 200, 201, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 214, 215, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, , 244, 247, 248, 249, 250, 251, 253, 255, 256, 257, 258, 259, 260, 261, 262, , 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 283, 290, 292, 293, 296, 300, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 317, 319, 322, 326, 327, 329, 330, 331, 332, 333, 334, 338, 339, 340, 340, 341, 342, 344, 350, 351, 352, 353, 355, 356,357, 358, 359, 360, 362, 364, 365, 366, 367, 368, 369, 373, 374, 375, 376, 377, 381, 382, 383, 384, 385, 386, 388, 390, 391, 392, 394, 395, 396, 400, 403, 404, 405, 406, 407, 408, 409, 410, 411, 413, 414, 415, 417, 418, 419, 420, 421, 422, 423, 425, 426, 427, 428, 429, 430, 431, 433, 434, 435, 436, 437, 438, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 482, 483, 485, 486, 487, 488, 490, 491, 492, 493, 495, 497, 498, 499, 500, 501, 503, 504, 505, 506, 507 ,508, 509, 516, 517, 521, 522, 523, 524, 525, 527, 528, 529, 530, 531, 532, 533, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 581, 582, 583, 584, 586, 587, 588, 589, 590, ,591,594, 596, 597, 598, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 622, 623 ,624 ,626 ,627, 628, 629, 632, 633, 634, 635, 636, 638, 639, 641, 642, 645, 646, 647, 648, 649, 650, 651, 652, 653, 655, 657, 658, 660.

For the following examples, the EC_{50} was < 1 ppm: 3, 11, 19, 49, 55, 62, 63, 66, 67, 70, 71, 72, 75, 86, 90, 93, 94, 95, 99-1, 100, 102, 104, 105, 116, 135, 136, 137, 148, 182, 183, 184, 193, 195, 199, 213, 216, 230, 241, 242, 243, 245, 246, 252, 254, 263, 282, 288, 289, 291, 292, 294, 295, 299, 316, 320, 321, 323, 325, 343, 345, 348, 354, 361, 370, 371, 372, 373, 378, 379, 380, 401, 416, 424, 440, 456, 580, 585, 621, 630, 654.

For the following examples, the EC_{50} was < 10 ppm: 2, 9, 13, 14, 18, 20, 21, 27, 28, 59, 67, 68, 78, 87, 88, 91, 92, 96, 99-2, 106, 113, 114, 118, 120, 122, 123, 126, 131, 149, 198, 202, 264, 284, 285, 286, 287, 288, 301, 302, 318, 324, 328, 335, 336, 337, 346347, 349, , 363, 387, 389, 393, 397, 398, 399, 402, 412, 432, 439, 481, 484, 485, 489, 491, 492, 494, 510, 511, 512, 513, 514, 515, 518, 519, 520, 526, 534, 535, 555, 595, 599, 625, 631, 637, 640, 643, 644, 656, 659.

***In vitro* assay 4: *Dirofilaria immitis* (DIROIM L4)**

10 *Dirofilaria immitis* third-stage larvae, which were freshly isolated from their vector (intermediate host), were added to wells of a microtitre plate containing a nutrient medium and the test compound in DMSO. Compounds were tested in concentration-response assay in duplicate. Larvae exposed to DMSO and no test compounds were used as negative controls. Larvae were evaluated after 72 h of incubation with the compound. Within these 72 h of incubation the majority of larvae in negative control moult to fourth-stage larvae. Efficacy was determined as the reduction of motility in comparison to the negative control. Based on the evaluation of a wide concentration range, concentration-response curves as well as EC_{50}-values were calculated.

For the following examples, the EC_{50} was < 0.1 ppm: 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 69, 73, 74, 75, 76, 77, 81, 82, 83, 89, 101, 108, 112, 117, 119, 124, 125, 127, 130, 132, 133, 134, 138, 139, 140, 141, 142, 143, 144, 146, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 174, 175, 176, 177, 178, 179, 181, 186, 190, 191, 192, 194, 196, 197, 200, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 214, 215, 217, 218, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 247, 248, 249, 250, 251, 253, 256, 257, 258, 259, 260, 261, 262, 265, 267, 268, 271, 272, 275, 277, 278, 279, 280, 281, 283, 290, 300, 304, 309, 310, 313, 314, 315, 319, 322, 326, 327, 330, 331, 332, 333, 334, 336, 338, 339, 340, 341, 350, 351, 352, 353, 355, 356, 357, 358, 359, 360, 362, 365, 366, 367, 374, 376, 377, 382, 384, 385, 386, 388, 390, 392, 394, 395, 396, 400, 403, 404, 405, 406, 407, 408, 409, 410, 411, 413, 414, 415, 417, 418, 419, 420, 421, 422, 423, 425, 426, 427, 429, 430, 431, 433, 434, 436, 437, 438, 441, 442, 443, 444, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 457, 462, 463, 465, 466, 467, 468, 469, 470, 476, 477, 478, 479, 480, 482, 485, 486, 487, 488, 490, 491, 492, 493, 495, 496, 497, 498, 499, 504, 505, 506, 507, 516, 517, 523, 525, 527, 528, 529, 530, 531, 532, 533, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 548, 549, 550, 551, 552, 553, 554, 556, 557, 558, 559, 561, 562, 563, 564, 565, 566, 567, 568, 570, 571, 572, 573, 575, 576, 577, 578, 579, 582, 583, 584, 587, 589, 590, 591, 596, 597, 600,

602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 617, 618, 619, 628, 629, 635, 638, 660.

For the following examples, the EC_{50} was < 1 ppm: 1, 2, 3, 14, 20, 54, 80, 115, 150, 201, 244, 266, 364, 373.

For the following examples, the EC_{50} was < 10 ppm: 133, 187

***In vitro* assay 5: *Litomosoides sigmodontis* (LTMOSI L3)**

Litomosoides sigmodontis third-stage larvae, which were freshly isolated from the pleural cavity of an infected rodent, were added to wells of a microtitre plate containing a nutrient medium and the test compound in DMSO. Compounds were tested in concentration-response assay in duplicate. Larvae exposed to DMSO and no test compounds were used as negative controls. Larvae were evaluated after 72 h of incubation with the compound. Efficacy was determined as the reduction of motility in comparison to the negative control. Based on the evaluation of a wide concentration range, concentration-response curves as well as EC_{50}-values were calculated.

For the following examples, the EC_{50} was < 0.1 ppm: 8, 9, 10, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 29, 32, 33, 34, 35, 36, 37, 45, 46, 48, 52, 53, 54, 74, 76, 77, 112, 133, 134, 141, 143, 339, 341, 350, 376, 382, 384, 385, 386, 394, 395, 396.

For the following examples, the EC_{50} was < 1 ppm: 3, 15, 44, 73, 373.

***In vitro* assay 6: *Cooperia curticei* (COOPCU L3)**

Solvent: dimethyl sulfoxide

To produce a suitable preparation of active compound, 10 mg of active compound are dissolved in 0.5 ml solvent, and the concentrate is diluted with “Ringer’s solution” to the desired concentration.

Approximately 40 nematode larvae (*Cooperia curticei)* are transferred into a test tube containing the compound solution.

After 5 days percentage of larval mortality is recorded. 100 % efficacy means all larvae are killed; 0% efficacy means no larvae are killed.

In this test for example, the following compounds from the preparation examples showed good activity of 100% at an application rate of 20 ppm: 8, 9, 10,13, 17, 22, 23, 24, 29, 32, 33, 34, 36, 37, 45, 46, 52, 53, 57, 76, 77, 81, 83, 132, 133, 134, 139, 143, 150, 153, 155, 156, 157, 166, 167, 169, 170, 172, 191, 192, 193, 194, 195, 196, 197, 200, 204, 205, 206, 207, 208, 209, 210, 214, 215, 217, 218, 221, 222, 224, 226, 235, 236, 237, 247, 265, 266, 274, 280, 300, 309, 326, 327, 329, 332, 341, 350, 353, 356, 357, 359, 373, 377, 384, 385, 386, 395, 396, 407, 408, 410, 411, 415, 419, 420, 421, 426, 431, 438, 445, 449, 450, 451, 453, 454, 455, 464, 477, 479, 486, 487, 488, 496, 497, 504, 505, 506, 507, 516, 528, 529, 530, 531, 532, 533, 536, 537, 538, 539, 541, 542, 545, 551, 554, 557, 558, 562, 563, 564, 565, 569, 572, 573, 575, 576, 596, 600, 603, 604, 605, 607, 608, 624, 628, 631, 637, 638, 639, 642, 647, 651, 652, 655, 657, 658, 659, 660.

In this test for example, the following compounds from the preparation examples showed good activity of 90% at an application rate of 20 ppm: 16, 31, 40, 48, 50, 54, 60, 80, 108, 125, 142, 152, 176, 178, 179, 191, 201, 203, 220, 223, 229, 240, 251, 257, 259, 260, 271, 275, 276, 281, 292, 314, 330, 331, 333, 338, 339, 358, 382, 400, 406, 435, 444, 446, 462, 465, 467, 469, 473, 476, 491, 500, 509, 540, 543, 548, 552, 553, 601, 602, 615, 640, 648.

In this test for example, the following compounds from the preparation examples showed good activity of 80% at an application rate of 20 ppm: 15, 21, 30, 41, 42, 44, 47, 49, 51, 58, 65, 70, 75, 89, 135, 146, 154, 162, 163, 181, 211, 212, 228, 238, 239, 250, 272, 294, 298, 307, 310, 315, 318, 322, 328, 367, 394, 404, 409, 418, 424, 432, 460, 471, 482, 485, 490, 492, 495, 508, 556, 583, 587, 614, 650.

In this test for example, the following compounds from the preparation examples showed good activity of 100% at an application rate of 4 ppm: 8, 13, 17, 22, 23, 24, 32, 33, 34, 36, 37, 45, 46, 52, 53, 57, 76, 77, 81, 83, 132, 133, 134, 143, 151, 153, 155, 167, 169, 170, 172, 192, 194, 195, 197, 200, 205, 207, 209, 210, 214, 215, 217, 222, 226, 237, 265, 266, 273,274, 300, 309, 327, 329, 332, 350, 353, 359, 373, 384, 385, 386, 395, 395, 396, 407, 408, 410, 411, 415, 420, 421, 426, 431, 438, 445, 449, 450, 451, 453, 455, 477, 479, 487, 488, 496, 497, 499, 504, 505, 529, 530, 531, 532, 533, 536, 539, 541, 542, 545, 554, 557, 558, 562, 563, 564, 565, 569, 572, 573, 575, 576, 596, 600, 604, 607, 608, 628, 631, 637, 638, 639, 642, 647, 651, 652, 655, 657, 658, 659, 660.

In this test for example, the following compounds from the preparation examples showed good activity of 90% at an application rate of 4 ppm: 9, 29, 31, 40, 54, 60, 125, 139, 142, 152, 156, 157, 166, 191, 193, 196, 208, 218, 221, 223, 229, 235, 236, 247, 271, 275, 292, 326, 330, 338, 341, 356, 357, 358, 419, 435, 446, 462, 464, 469, 476, 500, 506, 507, 540, 551, 552, 601, 603, 605, 648.

In this test for example, the following compounds from the preparation examples showed good activity of 80% at an application rate of 4 ppm: 10, 16, 39, 42, 44, 47, 48, 50, 51, 58, 80, 108, 146, 163, 171, 178, 201, 203, 206, 211, 212, 224, 240, 258, 260, 280, 281, 286, 318, 333, 339, 400, 406, 409, 430, 437, 444, 465, 467, 486, 491, 508, 509, 516, 528, 537, 548, 583, 602, 614, 624, 640.

In this test for example, the following compounds from the preparation examples showed good activity of 80% at an application rate of 0.8 ppm: 190, 549.

***In vitro* assay 7: *Haemonchus contortus* (HAEMCO L3)**

Solvent: dimethyl sulfoxide

To produce a suitable preparation of active compound, 10 mg of active compound are dissolved in 0.5 ml solvent, and the concentrate is diluted with “Ringer’s solution” to the desired concentration.

Approximately 40 larvae of the red stomach worm (*Haemonchus contortus)* are transferred into a test tube containing compound solution.

After 5 days the percentage of larval mortality is recorded. 100 % efficacy means all larvae are killed, 0% efficacy means no larvae are killed.

In this test for example, the following compounds from the preparation examples showed good activity of 100% at an application rate of 20 ppm: 8, 13, 15, 17, 22, 23, 24, 29, 32, 33, 34, 36, 37, 46, 47, 48, 50, 52, 53, 57, 60, 76, 77, 81, 83, 132, 133, 134, 135, 139, 142, 143, 153, 155, 166, 167, 169, 170, 172, 192, 194, 197, 200, 205, 206, 207, 214, 215, 218, 221, 222, 224, 226, 235, 237, 247, 265, 266, 274, 275, 280, 300, 309, 312, 326, 329, 330, 331, 332, 350, 353, 359, 373, 377, 384, 385, 386, 395, 396, 407, 410, 411, 415, 450, 455, 477, 486, 487, 488, 496, 497, 504, 505, 506, 509, 528, 529, 530, 531, 533, 537, 538, 539, 541, 542, 545, 551, 552, 554, 558, 562, 563, 564, 565, 569, 572, 573, 575, 576, 596, 604, 605, 608, 628, 631, 637, 638, 647, 651, 652, 655, 658, 659, 660.

In this test for example, the following compounds from the preparation examples showed good activity of 90% at an application rate of 20 ppm: 10, 31, 44, 45, 51, 74, 75, 136, 146, 150, 156, 179, 191, 203, 204, 209, 210, 217, 220, 223, 229, 236, 249, 250, 251, 258, 260, 271, 272, 327, 356, 357, 358, 400, 408, 421, 435, 438, 444, 445, 449, 451, 453, 460, 469, 476, 508, 532, 540, 548, 553, 557, 600, 602, 603, 615, 640, 642, 648, 657.

In this test for example, the following compounds from the preparation examples showed good activity of 80% at an application rate of 20 ppm: 12, 16, 39, 40, 42, 70, 125, 137, 138, 152, 157, 176, 178, 180, 208, 257, 259, 273, 276, 281, 292, 307, 310, 333, 341, 388, 392, 394, 419, 420, 432, 434, 446, 464, 473, 479, 491, 499, 500, 507, 516, 535, 543, 619, 624, 645, 646, 650.

In this test for example, the following compounds from the preparation examples showed good activity of 100% at an application rate of 4 ppm: 8, 9, 13, 17, 22, 23, 24, 29, 32, 34, 36, 37, 40, 46, 52, 57, 60, 76, 77, 81, 132, 133, 134, 139, 142, 143, 153, 155, 170, 192, 197, 200, 205, 214, 222, 237, 247, 265, 266, 274, 309, 330, 332, 339, 350, 359, 373, 384, 385, 386, 395, 410, 411, 455, 477, 488, 496, 497, 504, 509, 530, 531, 539, 541, 542, 545, 554, 558, 562, 563, 564, 565, 569, 572, 573, 575, 576, 596, 605, 608, 628, 631, 637, 639, 647, 651, 652, 655, 658, 659, 660.

In this test for example, the following compounds from the preparation examples showed good activity of 90% at an application rate of 4 ppm: 10, 15, 31, 33, 45, 47, 50, 83, 135, 146, 151, 166, 167, 169, 191, 194, 207, 209, 221, 226, 229, 235, 236, 271, 272, 275, 300, 326, 329, 353, 357, 358, 396, 400 ,407, 408, 415, 421, 435, 436, 438, 445, 450, 451, 476, 487, 505, 508, 528, 529, 533, 536, 537, 540, 552, 600, 603, 604, 638, 640, 648.

In this test for example, the following compounds from the preparation examples showed good activity of 80% at an application rate of 4 ppm: 42, 44, 48, 51, 53, 74, 75, 150, 156, 172, 195, 206, 210, 215, 217, 218, 223, 232, 260, 281, 307, 327, 341, 356, 377, 392, 394, 403, 419, 42, 426, 444, 449, 453, 469, 470, 471, 479, 486, 500, 506, 507, 551, 557, 642, 645, 650, 657.

Formulation Example

Exemplary formulations consisted of the active substance in 10% Transcutol, 10% Cremophor EL and 80% isotonic saline solution. First the active substance was dissolved in Transcutol. After solution in Transcutol, Cremophor and isotonic saline solution were added. These formulations were used as service formulations in the following *in vivo* assay.

An example for a formulation according to the present invention is the following formulation Example F1. Therein, the active substance was dissolved in Transcutol to form a stock solution A. Then 0.100 mL of this stock solution A were taken and 0.100 mL Cremophor EL and 0.800 mL isotonic saline solution were added. The resulting liquid formulation (formulation example F1) had a volume of 1 mL.

Stock solution A:

4.0 mg	compound of example 8,
0.100 mL	Transcutol.

Formulation example F1:

0.100 mL	stock solution A,
0.100 mL	Cremophor EL, and
0.800 mL	isotonic saline solution.

***In vivo* assay**

Haemonchus contortus / *Trichostrongylus colubriformis* / gerbil

Gerbils, experimentally infected with *Haemonchus* and / or *Trichostrongylus*, were treated once during late prepatency. Test compounds were formulated as solutions or suspensions and applied orally or intraperitoneally. For both applications the same service formulation was used. The volume of the application amounted to normally 20 ml/kg at a maximum. By way of example, a gerbil with 40 g body weight was treated with 0.200 mL of the formulation of formulation example F1. This corresponded to a treatment with 20 mg/kg body weight.

Efficacy was determined per group as reduction of worm count in stomach and small intestine, respectively, after necropsy compared to worm count in an infected and placebo-treated control group.

The following examples were tested and had an activity of ≥70% or higher at the given treatment:

Treatment	*Haemonchus contortus*	*Trichostrongylus colubriformis*
≤2.5 mg/kg intraperitoneally	Expl N° 8, 9, 13, 15, 17, 18, 21, 22, 23, 24, 25, 33, 34, 36, 37, 44, 46, 52, 54, 130, 153, 156, 166, 167, 168, 181, 192, 200, 201, 203, 205, 206, 209, 214, 220, 221, 222, 232, 233, 234, 235, 237, 238, 239, 250, 251, 300, 301, 309, 310, 322, 326, 327, 330, 331, 355, 357, 358, 359, 360, 374, 385, 386, 392, 395, 409, 410, 411, 413, 415, 419, 427, 430, 431, 438, 444, 450, 455 462, 465, 467, 468, 477, 485, 487, 491, 492, 496, 516, 530, 533, 538, 540, 543, 548, 553, 557, 558, 564, 565, 660	Expl N° 8, 13, 17, 22, 37, 51, 52, 132, 133, 134, 142, 143, 168, 169, 170, 200 206, 222, 235, 251, 359, 395, 660

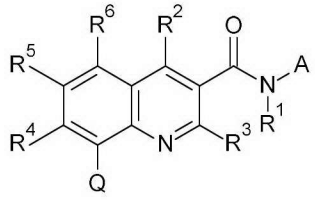
Throughout this specification and the claims which follow, unless the context requires otherwise, the word "comprise", and variations such as "comprises" or "comprising", will be understood to imply the inclusion of a stated integer or step or group of integers or steps but not the exclusion of any other integer or step or group of integers or steps.

The reference in this specification to any prior publication (or information derived from it), or to any matter which is known, is not, and should not be taken as an acknowledgment or admission or any form of suggestion that that prior publication (or information derived from it) or known matter forms part of the common general knowledge in the field of endeavour to which this specification relates.

2017357503 28 Jan 2022

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS

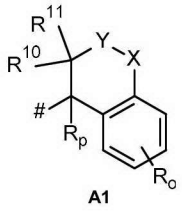
1. A compound of general formula (I):



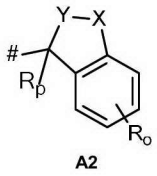
(I)

in which :

A is A1 or A2,



A1



A2

o is 0, 1, 2, 3 or 4,

R is selected from the group consisting of hydrogen, halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl, –S(O)-C_1-C_4-halogenoalkyl and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8, or

X, Y form together a ring member selected from the group consisting of -C(O)-O-, -C(O)-NR^9-, -S(O)-NR^9-, $-SO_2$-NR^9- and $-SO_2$-O-,

R^1 is selected from the group consisting of hydrogen, cyano, -CHO, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, C_3-C_6-halogenocycloalkyl having 1 to 5 halogen atoms, C_3-C_4-alkenyl, C_3-C_4-

alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl, -NH-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)$_2$, NH_2-C_1-C_4-alkyl-, C_1-C_4-alkyl-NH-C_1-C_4-alkyl-, (C_1-C_4-alkyl)$_2$N-C_1-C_4-alkyl-, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl-C(O)- having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C(O)-, benzyloxy-C(O)-, C_1-C_4-alkoxy-C_1-C_4-alkyl-C(O)-, -SO_2-C_1-C_4-alkyl, and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl-C_1-C_4-alkyl, optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, -S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-alkyl-C(O)-, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally

substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)--, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl,

R^7 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^8 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^7 and R^8 together form an oxo group (=O),

or R^7 and R^8 form, together with the carbon atom to which they are attached, a 3- to 6-membered ring selected from the group consisting of C_3-C_6-cycloalkyl and 3- to 6-membered heterocycloalkyl,

R^9 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is selected from the group consisting of hydrogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^{10} and R^{11} form, together with the carbon atom to which they are attached, a 3- to 6-membered ring selected from the group consisting of C_3-C_6-cycloalkyl and 3- to 6-membered heterocycloalkyl,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -OH, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(-C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is

optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

-NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-

membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-

C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

Q is selected from the group consisting of 6- or 10-membered aryl and 5- to 10-membered heteroaryl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents selected from the group consisting of halogen, SF_5, cyano, -CHO, nitro, oxo, C_1-C_4-alkyl, C_1-C_4-hydroxyalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2

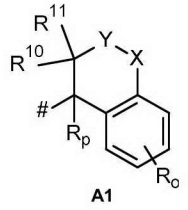
substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocyclyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms,

wherein when Y is O, S or N-R^9, none of R^7, R^8, R^{10} and R^{11} is -OH, and wherein when X is O, S or N-R^9, none of R^7 and R^8 is -OH,

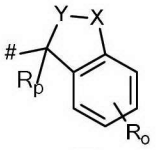
or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

2. A compound according to claim 1, wherein:

A is A1 or A2,



A1



A2

o is 0, 1, 2, 3 or 4,

R is selected from the group consisting of hydrogen, halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl, –S(O)-C_1-C_4-halogenoalkyl and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8, or

X, Y form together a ring member selected from the group consisting of -C(O)-O-, -C(O)-NR^9-, -S(O)-NR^9-, -SO_2-NR^9- and -SO_2-O-,

R^1 is selected from the group consisting of hydrogen, cyano, -CHO, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, C_3-C_6-halogenocycloalkyl having 1 to 5 halogen atoms, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl, -NH-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)$_2$, NH_2-C_1-C_4-alkyl-, C_1-C_4-alkyl-NH-C_1-C_4-alkyl-, (C_1-C_4-alkyl)$_2$N-C_1-C_4-alkyl-, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl-C(O)- having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C(O)-, benzyloxy-C(O)-, C_1-C_4-alkoxy-C_1-C_4-alkyl-C(O)-, -SO_2-C_1-C_4-alkyl, and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl-C_1-C_4-alkyl, optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5

halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-alkyl-C(O)-, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and $–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NH(C_1$-C_4-alkyl), $-C(O)-N(C_1$-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,$–SO_2$-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen, or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$,

R^7 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^8 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^7 and R^8 together form an oxo group (=O),

R^9 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is selected from the group consisting of hydrogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -OH, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$, $-NH(-C(O)-C_1$-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NH(C_1$-C_4-alkyl), $-C(O)-N(C_1$-C_4-alkyl$)_2$, $-NH-C(O)-C_1$-C_4-alkyl, $-N(C_1$-C_4-alkyl$)-(-C(O)-C_1$-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl$)_2$, $-S-C_1$-C_4-alkyl, $-S(O)-C_1$-C_4-alkyl, $-SO_2-C_1$-C_4-alkyl, $–S-C_1$-C_4-halogenoalkyl having 1 to 5 halogen atoms, $–S(O)-C_1$-C_4-halogenoalkyl having 1 to 5 halogen atoms, $–SO_2-C_1$-C_4-halogenoalkyl having 1 to 5 halogen atoms and $(C_1$-C_4-alkoxy$)_2P(=O)$-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

$-NH_2$, $-NH(C_1-C_4\text{-alkyl})$, $-N(C_1-C_4\text{-alkyl})_2$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NH(C_1-C_4\text{-alkyl})$, $-C(O)-N(C_1-C_4\text{-alkyl})_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1-C_4\text{-alkyl})$, $-N(C_1-C_4\text{-alkyl})_2$, $-S-C_1-C_4$-alkyl, $-S(O)-C_1-C_4$-alkyl, $-SO_2-C_1-C_4$-alkyl, $-S-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms, $-S(O)-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms and $-SO_2-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NH(C_1-C_4\text{-alkyl})$, $-C(O)-N(C_1-C_4\text{-alkyl})_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1-C_4\text{-alkyl})$, $-N(C_1-C_4\text{-alkyl})_2$, $-S-C_1-C_4$-alkyl, $-S(O)-C_1-C_4$-alkyl, $-SO_2-C_1-C_4$-alkyl, $-S-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms, $-S(O)-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms and $-SO_2-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1-C_4\text{-alkyl})$, $-N(C_1-C_4\text{-alkyl})_2$, $-S-C_1-C_4$-alkyl, $-S(O)-C_1-C_4$-alkyl, $-SO_2-C_1-C_4$-alkyl, $-S-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms, $-S(O)-C_1-C_4$-

halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

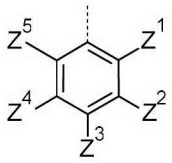
heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-

C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1, Z^2, Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, -CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocyclyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

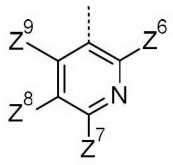
Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocycloalkyl which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocycloalkyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Z^2 and Z^3 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^1, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocycloalkyl

which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocycloalkyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q2)

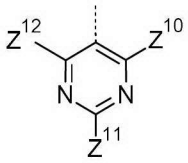


(Q2)

in which:

Z^6, Z^7, Z^8 and Z^9 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyrimidine ring of the formula (Q3)

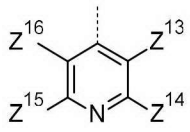


(Q3)

in which:

Z^{10}, Z^{11} and Z^{12} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyridine ring of the formula (Q4)

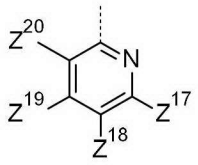


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)

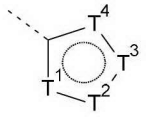


(Q5)

in which:

Z^{17}, Z^{18}, Z^{19} and Z^{20} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

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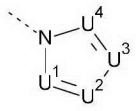
Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

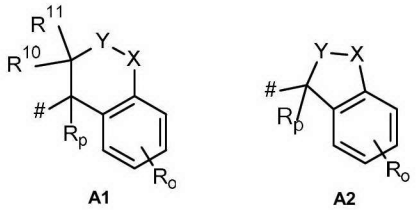
each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

wherein when Y is O, S or N-R^9, none of R^7, R^8, R^{10} and R^{11} is -OH, and wherein when X is O, S or N-R^9, none of R^7 and R^8 is -OH,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

3. A compound according to claim 1 or 2, wherein:

A is A1 or A2,



A1 A2

o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8,

R^1 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy

having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^5 is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^6 is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is hydrogen,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)-(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5

halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl; and

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

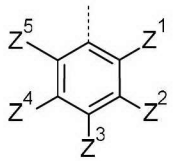
R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1, Z^2, Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_1-

C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), or

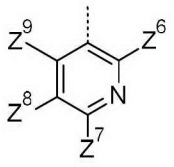
Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5- or 6-membered heterocycloalkyl, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, or

Z^2 and Z^3 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^1, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q2)

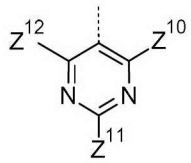


(Q2)

in which:

Z^6, Z^7, Z^8 and Z^9 are independently selected from the group consisting of hydrogen halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyrimidine ring of the formula (Q3)

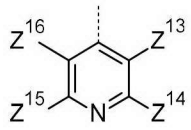


(Q3)

in which:

Z^{10}, Z^{11} and Z^{12} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyridine ring of the formula (Q4)



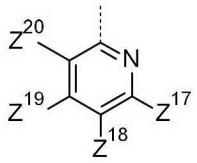
(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine

ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$, $-S$-C_1-C_4-alkyl, $-S(O)$-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, $-S$-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, $-S(O)$-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, $-SO_2$-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)

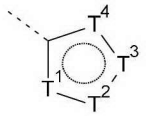


(Q5)

in which:

Z^{17}, Z^{18}, Z^{19} and Z^{20} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

in which:

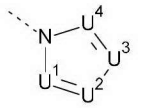
T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not

more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

wherein when Y is O, S or N-R^9, R^{10} is not -OH,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

4. A compound according to any one of claims 1 to 3, wherein:

A is A1 or A2,

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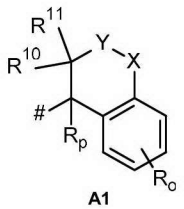
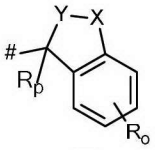


A1



A2

o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X is selected from the group consisting of CR^7R^8, O, S, and N-R^9,

Y is CR^7R^8 or O,

R^1 is hydrogen or C_1-C_4-alkyl,

R^2 is selected from the group consisting of

hydrogen, halogen, -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl or C_3-C_6-cycloalkenyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)- and -C(O)-NH_2 C_1-C_4-alkoxy, -NH_2, -N(C_1-C_4-alkyl)$_2$, -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl); and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl, and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen

atoms, hydroxy-C_1-C_4-alkyl-, C_1-C_4-alkoxy-C_1-C_4-alkyl-, $-NH_2$, $-N(C_1$-C_4-alkyl$)_2$, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH and C_1-C_4-alkyl,

R^{11} is hydrogen,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, $-NH(-C(O)-C_1$-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-N(C_1$-C_4-alkyl$)_2$, $-NH-C(O)-C_1$-C_4-alkyl, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl, $-NH_2$, $-N(C_1$-C_4-alkyl$)_2$, $-S-C_1$-C_4-alkyl, $-S(O)-C_1$-C_4-alkyl, $-SO_2-C_1$-C_4-alkyl, and $(C_1$-C_4-alkoxy$)_2P(=O)$-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from

the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy;

phenyl and benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, oxo, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy and C_3-C_6-cycloalkyl; and

4- to 10-membered heterocycloalkyl,

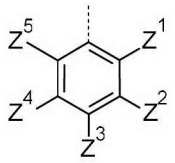
R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of -OH and -COOH; and

a 6-membered heteroaryl,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, halogen, cyano, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -S-(C_1-C_4-alkyl) and a 4- to 6-membered heterocycloalkyl, and

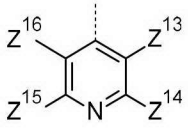
Z^3 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, and -N(C_1-C_4-alkyl)$_2$, or

Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5-membered heterocycloalkyl or a 5-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo,

Z^3 and Z^5 are hydrogen, and

Z^4 is selected from the group consisting of hydrogen and C_1-C_4-alkoxy-C(O)-, or

Q is a pyridine ring of the formula (Q4)

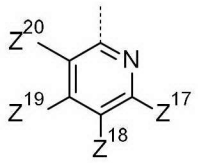


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)



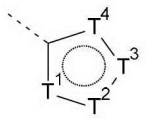
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is halogen, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

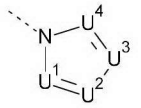
in which:

$T^1 – T^4$ are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of $T^1 – T^4$ is O, not more than one of $T^1 – T^4$ is S, not more than one of $T^1 – T^4$ is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

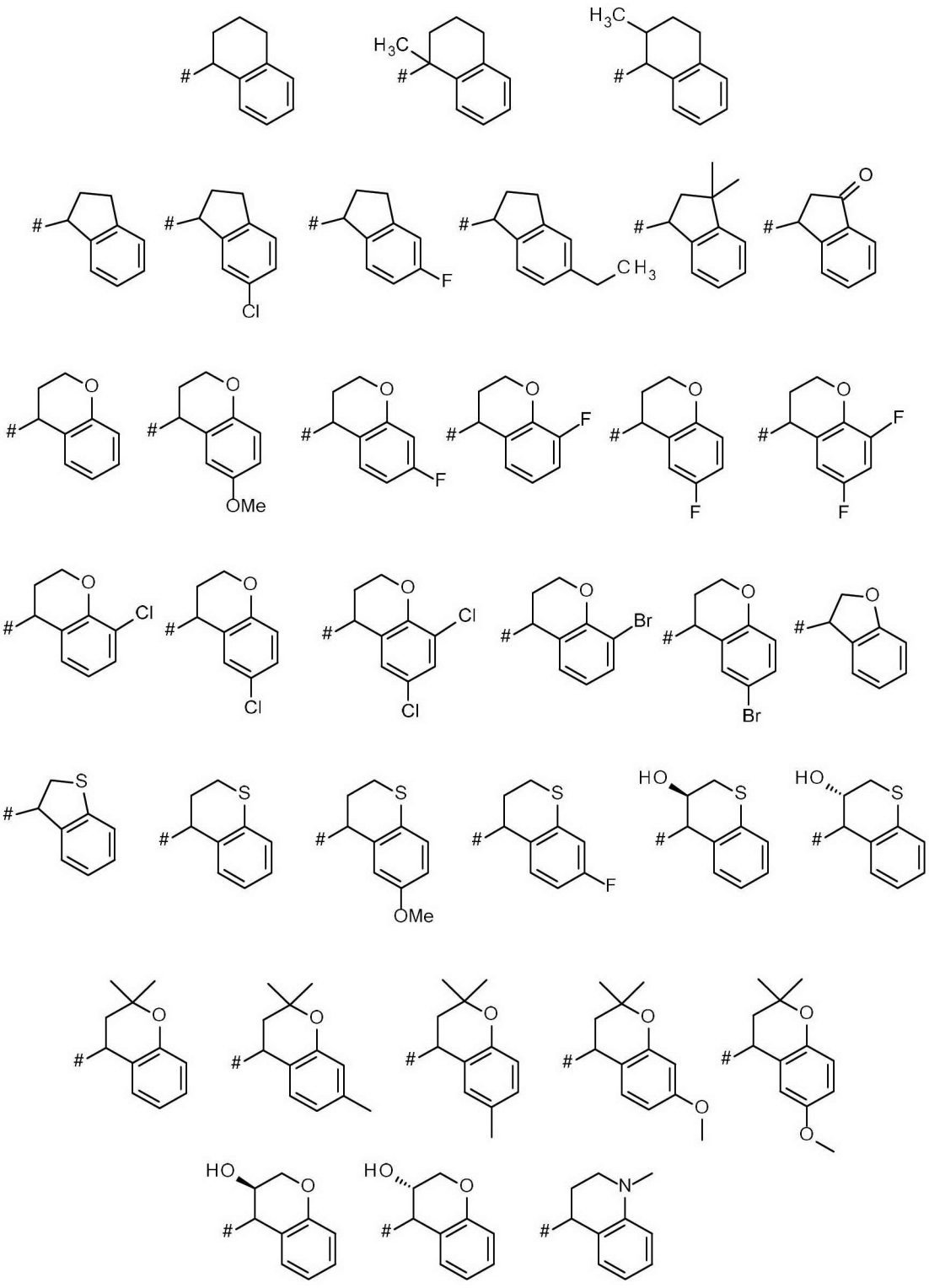
$U^1 – U^4$ are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of $U^1 – U^4$ are N, and wherein

each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

5. A compound according to any one of claims 1 to 4, wherein:

A is selected from the group consisting of



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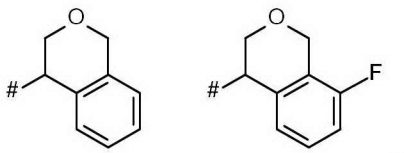


R1 is hydrogen or methyl,

R2 is selected from the group consisting of

hydrogen, chlorine, iodine, -C(O)-N(CH_3)$_2$,

–N$R^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

methyl, ethyl, propyl, isopropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, ethenyl, propenyl, cyclopentenyl, cyclohexenyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of -OH, cyano, ethoxy-C(O)-, -C(O)-NH_2, methoxy, NH_2, N(CH_3)$_2$, N(CH_3)(C(O)CH_3); and

a monocyclic or a bicyclic heterocycle selected from the group consisting of azetidine, oxetane, pyrrolidine, tetrahydrofurane, pyrazolidine, imidazolidine, 1,2,4-triazolidine, piperidine, piperazine, tetrahydropyrane, tetrahydropyridine, dihydro-2*H*-pyrane, 1,2-oxazolidine, 1,2-oxazine, morpholine, thiomorpholine, 3,4-dihydroisoquinoline, 2,3-dihydro-indole, 1,3-dihydro-isoindoel, 3,9-dioxa-7-azabicyclo[3.3.1]nonane, 6-oxa-3-azabicyclo[3.1.1]heptane, 8-oxa-3-azabicyclo[3.2.1]octane, thiophene, imidazole, pyrazole, 1,2,4-triazole, 1,2,3-triazole, 1,2,3,4-tetrazole, pyridine, dihydropyridine, pyrimidine, tetrahydropyrimidine, 4-oxa-7-azaspiro[2.5]octane, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of fluorine, chlorine, cyano, -OH, oxo, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, methyl, methyl-C(O)-, difluoromethyl, trifluoromethyl, hydroxymethyl-, methoxymethyl-, -NH_2, -NMe_2, pyrrolidine,

R3 is hydrogen or methyl,

R^4 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, methoxy, trifluoromethyl, trifluoromethoxy and NH_2,

R^5 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, methoxy and trifluoromethyl,

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl and methoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-methyl), methoxy;

methyl, ethyl, propyl, isopropyl, butyl, isobutyl, cyclopropyl, cyclobutyl, benzyl, 1-phenylethyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of fluorine, -OH, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, -C(O)-NMe_2, -NH-C(O)-methyl, methyl, methoxy, cyclopropyl, -NH_2, NMe_2, S-methyl, S(O)-methyl, SO_2-methyl, and $(EtO)_2P(=O)$-;

heterocyclyl-methyl, heterocyclyl-ethyl, wherein the heterocyclyl substituent is selected from the group consisting of oxetane, tetrahydrofurane, tetrahydropyrane pyrrolidine, morpholine, pyrazole, imidazole, 1, 2, 4-oxadiazole, pyridine, each of which is optionally substituted by 1 substituent independently selected from the group consisting of fluorine, chlorine, -OH, oxo and methyl;

phenyl;

2,3-dihydro-1H-indene, and

a monocyclic or a bicyclic heterocycle selected from the group of oxetane, thietane, pyrrolidine, morpholine, tetrahydropyrane, pyridine and pyrazole, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, chlorine, -OH, oxo, methyl;

R^{14} is selected from the group consisting of

methyl, ethyl, isopropyl, butyl, cyclopentyl, benzyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, -OH, methyl, methoxy and cyclopentyl; and

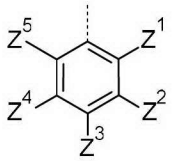
a monocyclic or a bicyclic heterocycle selected from the group consisting of pyrrolidin and tetrahydropyran,

R^{15} is selected from the group consisting of

methyl and ethyl, each of which is optionally substituted by 1 substituent independently selected from the group consisting of -OH and -COOH; and

pyridine,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

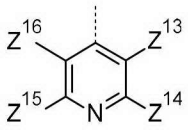
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, trifluoromethyl and methoxy,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)

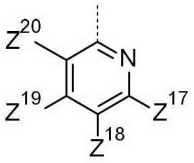


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe -NMe_2, -NH-C(O)-Me, morpholinyl, or

Q is a pyridine ring of the formula (Q5)



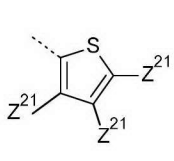
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is fluorine, chlorine, or

Q is selected from the group consisting of



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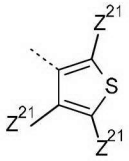
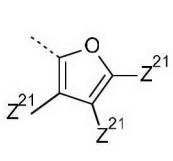


(Q6-2)



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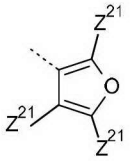

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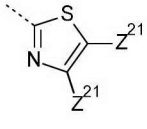
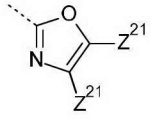
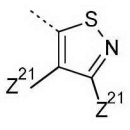


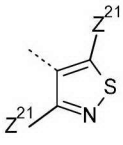
(Q6-5)



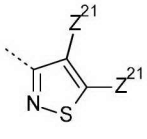
(Q6-6)



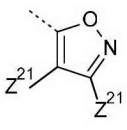
(Q6-7)



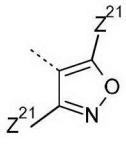
(Q6-8)



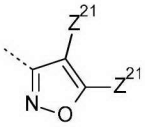
(Q6-9)



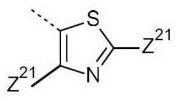
(Q6-10)



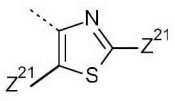
(Q6-11)



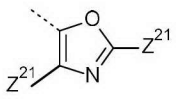
(Q6-12)



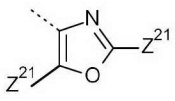
(Q6-13)



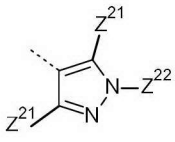
(Q6-14)



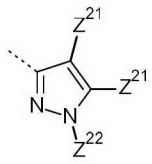
(Q6-15)



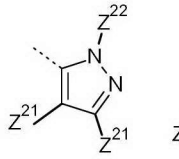
(Q6-16)



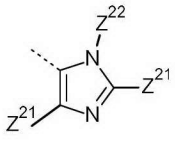
(Q6-17)



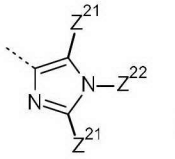
(Q6-18)



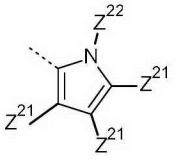
(Q6-19)



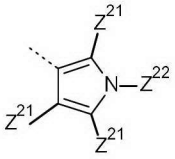
(Q6-20)



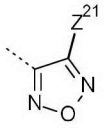
(Q6-21)



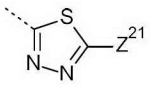
(Q6-22)



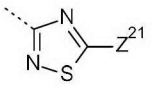
(Q6-23)



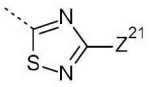
(Q6-24)



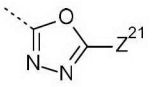
(Q6-25)



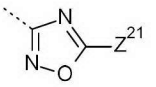
(Q6-26)



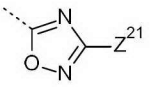
(Q6-27)



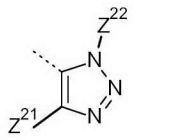
(Q6-28)



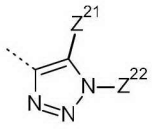
(Q6-29)



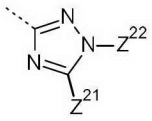
(Q6-30)



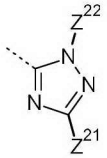
(Q6-31)



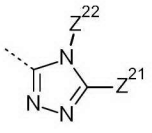
(Q6-32)



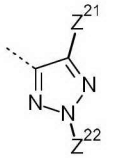
(Q6-33)



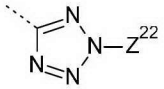
(Q6-34)



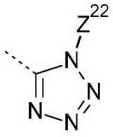
(Q6-35)



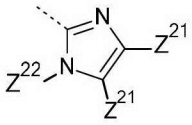
(Q6-36)



(Q6-37)



(Q6-38) or



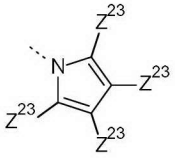
(Q6-39)

in which:

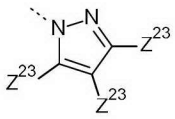
each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy and

Z^{22} is hydrogen, methyl, or

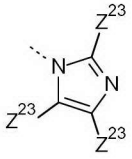
Q is selected from the group consisting of



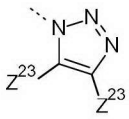
(Q7-1)



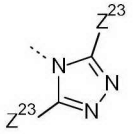
(Q7-2)



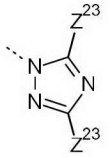
(Q7-3)



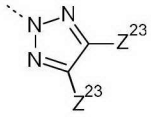
(Q7-4)



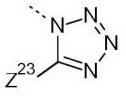
(Q7-5)



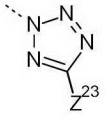
(Q7-6)



(Q7-7)



(Q7-8)

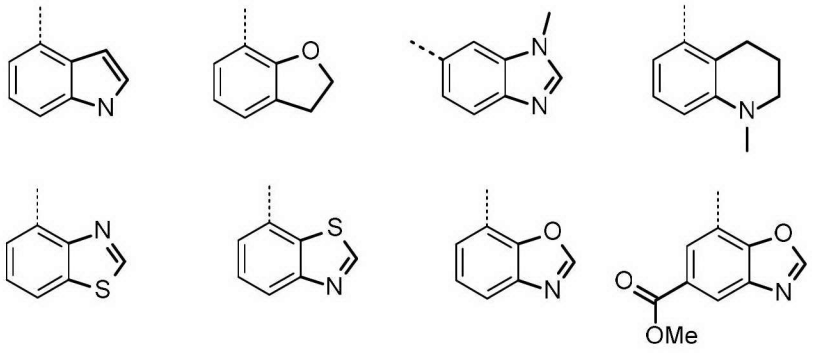


(Q7-9)

in which:

each Z^{23} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy, or

Q is selected from the group consisting of

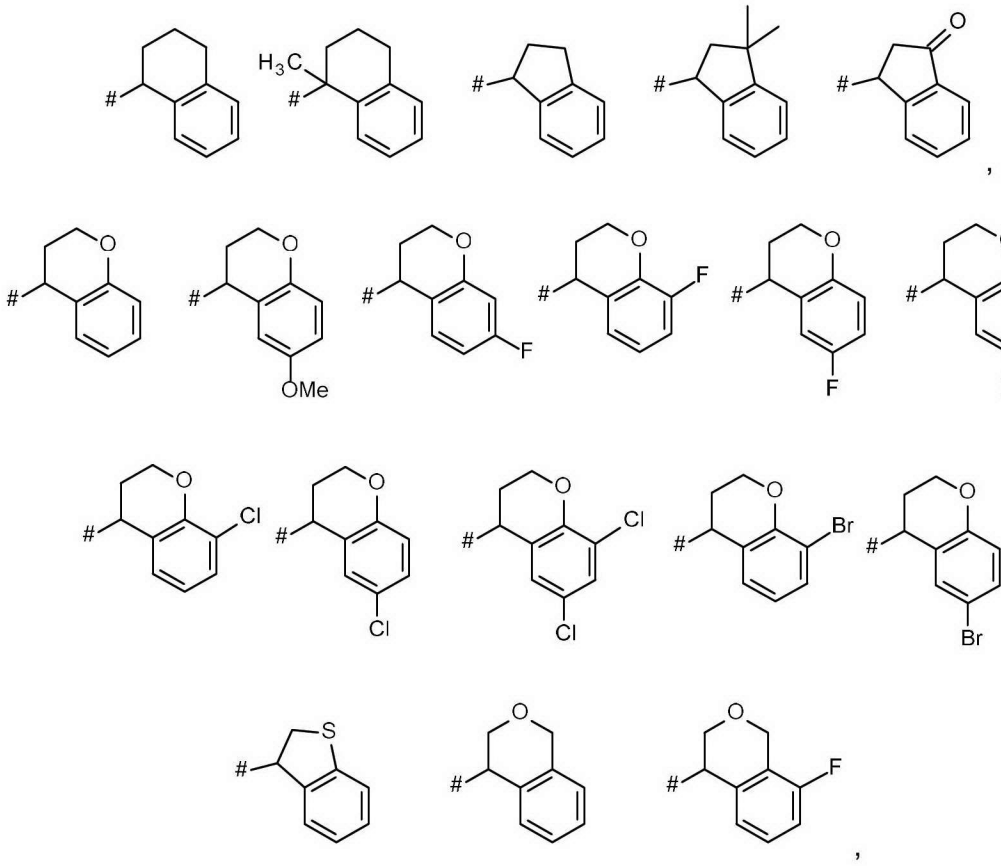


,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

6. A compound according to any one of claims 1 to 5, wherein:

A is selected from the group consisting of



R^1 is hydrogen or methyl,

R^2 is selected from the group consisting of

chlorine, iodine, -C(O)-N(CH_3)$_2$,

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

methyl, ethyl, propyl, isopropyl, cyclopropyl, cyclobutyl, cyclopentyl, ethenyl, propenyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of -OH, cyano, ethoxy-C(O)-, -C(O)-NH_2, methoxy, NH_2, N(CH_3)$_2$, N(CH_3)(C(O)CH_3); and

a monocyclic or a bicyclic heterocycle selected from the group consisting of azetidine, oxetane, pyrrolidine, tetrahydrofurane, pyrazolidine, imidazolidine,

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1,2,4-triazolidine, piperidine, piperazine, tetrahydropyrane, dihydro-2*H*-pyrane, 1,2-oxazolidine, morpholine, thiomorpholine, 3,4-dihydroisoquinoline, 2,3-dihydro-indoel, 1,3-dihydro-isoindole, 3,9-dioxa-7-azabicyclo[3.3.1]nonane, 6-oxa-3-azabicyclo[3.1.1]heptane, 8-oxa-3-azabicyclo[3.2.1]octane, thiophene, imidazole, pyrazole, 1,2,3-triazole, 1,2,3,4-tetrazole, pyridine, dihydropyridine, pyrimidine, tetrahydropyrimidine, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of fluorine, -OH, oxo, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, methyl, methyl-C(O)-, difluoromethyl, trifluoromethyl, hydroxymethyl-, methoxymethyl-, -NH_2, -NMe_2, pyrrolidine,

R^3 is hydrogen or methyl,

R^4 is selected from the group consisting of hydrogen, chlorine, fluorine, methyl, methoxy and trifluoromethyl,

R^5 is selected from the group consisting of hydrogen, chlorine, fluorine, -OH, cyano, methyl, trifluoromethoxy and NH_2,

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl and methoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-methyl), methoxy;

methyl, ethyl, propyl, isopropyl, butyl, isobutyl, cyclopropyl, cyclobutyl, benzyl, 1-phenylethyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of fluorine, -OH, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, -C(O)-NMe_2, -NH-C(O)-methyl, methyl, methoxy, cyclopropyl, -NH_2, -NMe_2, , SO_2-methyl and $(EtO)_2P(=O)$-;

heterocyclyl-methyl, heterocyclyl-ethyl, wherein the heterocycyl substituent is selected from the group consisting of oxetane, tetrahydrofurane, tetrahydropyrane, pyrrolidine, pyrazole, imidazole 1, 2, 4-oxadiazole,

morpholine, pyridine, each of which is optionally substituted by 1 substituent independently selected from the group consisting of oxo and methyl;

phenyl;

2,3-dihydro-1H-indene, and

a monocyclic or a bicyclic heterocycle selected from the group of oxetane, morpholine, tetrahydropyrane, pyridine and pyrazole;

R^{14} is selected from the group consisting of

methyl, ethyl, isopropyl, butyl, cyclopentyl, benzyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, -OH, methyl, methoxy and cyclopentyl; and

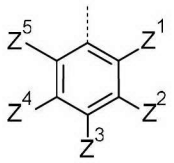
a monocyclic or a bicyclic heterocycle selected from the group consisting of pyrrolidin and tetrahydropyran,

R^{15} is selected from the group consisting of

methyl and ethyl, each of which is optionally substituted by 1 substituent independently selected from the group consisting of -OH and -COOH; and

pyridine,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

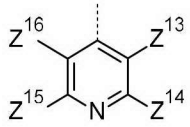
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy and trifluoromethyl,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)



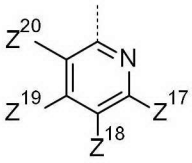
(Q4)

in which:

Z^{14} and Z^{15} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, morpholinyl and

Z^{13} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, or

Q is a pyridine ring of the formula (Q5)



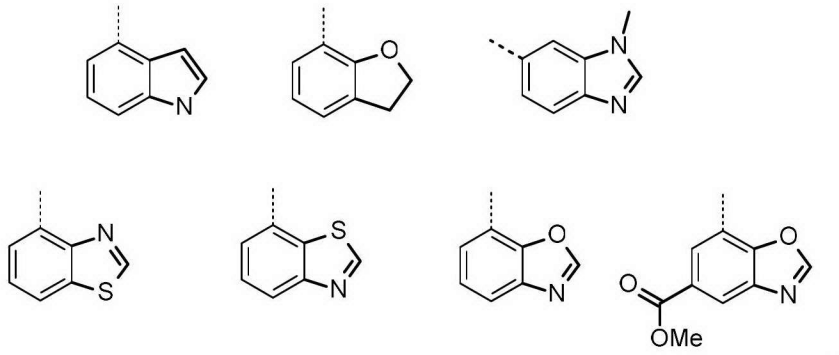
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is fluorine, or

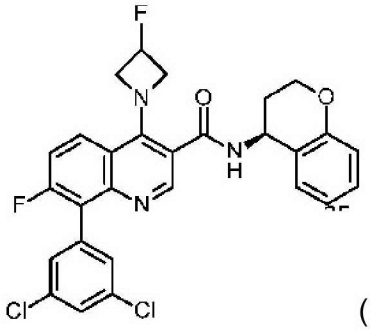
Q is selected from the group consisting of



,

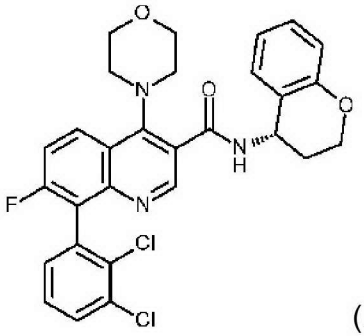
or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

7. A compound of general formula (I) according to any one of claims 1 to 6 wherein the compound is a compound of formula (I-a):



(I-a).

8. A compound of general formula (I) according to any one of claims 1 to 6 wherein the compound is a compound of formula (I-b):



(I-b).

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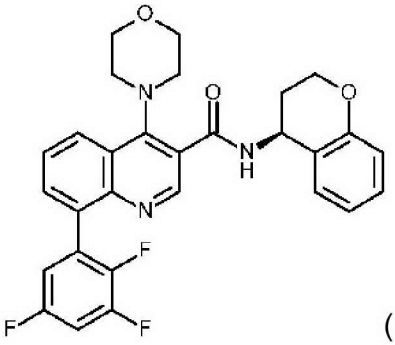
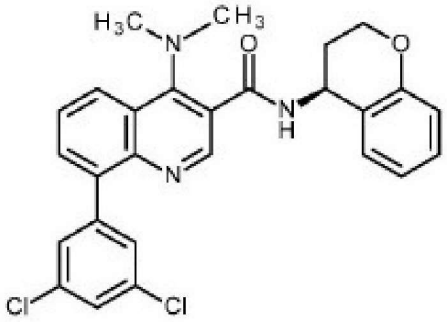
9. A compound of general formula (I) according to any one of claims 1 to 6 wherein the compound is a compound of formula (I-c):



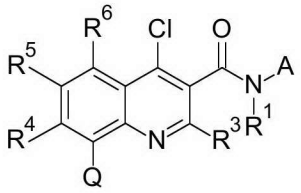
(I-c).

10. A compound of general formula (I) according to any one of claims 1 to 6 wherein the compound is a compound of formula (I-d):



(I-d).

11. A method of preparing a compound of general formula (I) according to any one of claims 1 to 10, said method comprising the step of allowing an intermediate compound of general formula **1N** :



1N,

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

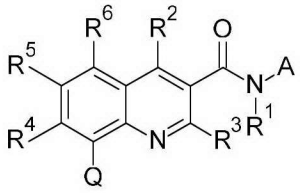
to react with a compound of general formula **1F** :

R^2H

1F,

in which R^2 is $NR^{12}R^{13}$, OR^{14}, or SR^{15}, each as defined for the compound of general formula (I) according to any one of claims 1 to 6,

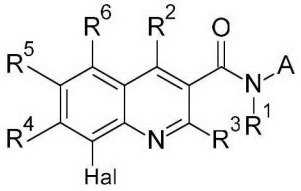
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

or the step of allowing an intermediate compound of general formula **1T** :



1T,

in which A, R^1, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6, and in which Hal is halogen,

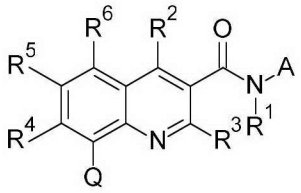
to react with a compound of general formula **1H** :

$Q\text{-}B(OR)_2$

1H,

in which Q is as defined for the compound of general formula (I) according to any one of claims 1 to 6, and each R may be individually H or Me or both R are pinacolate,

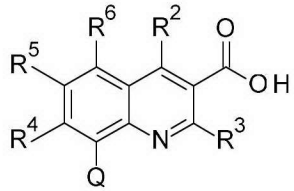
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

or the step of allowing an intermediate compound of general formula **1W** :



1W,

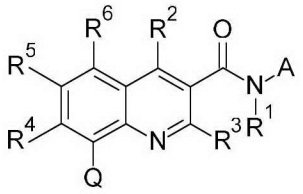
in which Q, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

to react with a compound of general formula **1M** :

1M,

in which R^1 and A are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

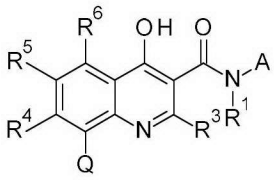
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

or the step of allowing an intermediate compound of general formula **1X** :



1X,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

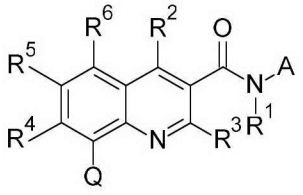
to react with a compound of general formula **1Y** :

R^2H

1Y,

in which R^2 is OR^{14} as defined for the compound of general formula (I) according to any one of claims 1 to 6,

thereby giving a compound of general formula (I) :

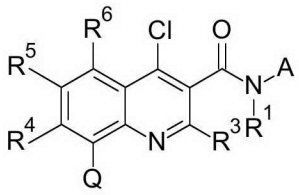


(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6 and R^2 is C^1-C^4-alkoxy which is

optionally substituted as defined for the compound of general formula (I) according to any one of claims 1 to 6,

or the step of allowing an intermediate compound of general formula **1N** :



1N,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

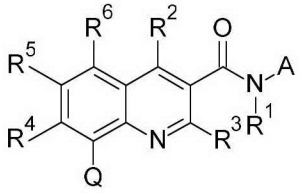
to react with a compound of general formula **2A** :

R^2Met-X

2A,

in which R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) according to any one of claims 1 to 6, Met is magnesium or zinc, and X is chlorine, bromine or iodine,

thereby giving a compound of general formula (I) :

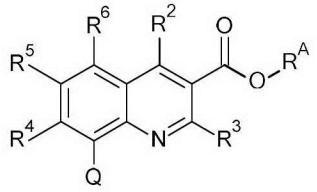


(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6 and R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) according to any one of claims 1 to 6.

12. A method according to claim 11, wherein Hal is chlorine, bromine or iodine.

13. A compound of general formula (II):



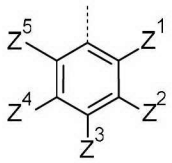
(II),

in which :

R^2 is -OH or as defined for the compound of general formula (I) according to any one of claims 1 to 6,

R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

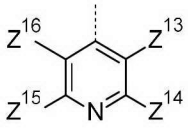
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl and trifluoromethyl,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, -NMe_2, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)

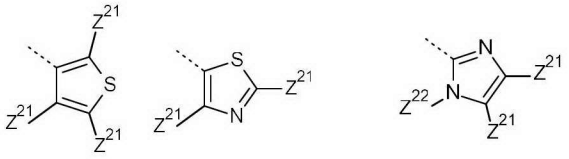


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe $-NMe_2$, -NH-C(O)-Me and morpholinyl, or

Q is selected from the group consisting of



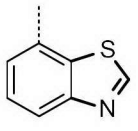
(Q6-2) (Q6-13) and (Q6-39)

in which:

each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl and methoxy and

Z^{22} is hydrogen, methyl, or

Q is



,

and

R^A is H or C_1-C_4-alkyl,

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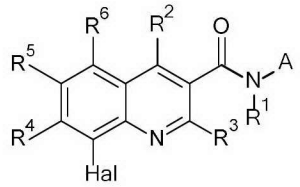
or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

14. A compound of general formula (III):



(III),

in which :

R^2 is -OH or as defined for the compound of general formula (I) according to any one of claims 1 to 6,

A, R^1, R^3, R^4, R^5, and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6, and

Hal is halogen,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

15. A compound of general formula (I) according to any one of claims 1 to 10 for use in the control, treatment and/or prevention of a disease.

16. A pharmaceutical composition comprising a compound of general formula (I) according to any one of claims 1 to 10 and one or more pharmaceutically acceptable excipients.

17. Use of a compound of general formula (I) according to any one of claims 1 to 10 for the control, treatment and/or prevention of a helminthic infection.

18. Use of a compound of general formula (I) according to any one of claims 1 to 10 for the preparation of a medicament for the control, treatment and/or prevention of a disease, wherein the disease is a helminthic infection.

19. Method for controlling helminth infections in humans and/or animals, the method comprising administering an anthelminthically effective amount of at least one compound of general formula (I) according to any one of claims 1 to 10 to a human or an animal in need thereof.