

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/064151

A. CLASSIFICATION OF SUBJECT MATTER
 INV. A61K47/48 A61P31/18
 ADD. C07K14/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 A61K A61P C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/097199 A1 (JADOLABS GMBH [DE]; MAX PLANCK GESELLSCHAFT [DE]; UNIV DRESDEN TECH [D]) 20 October 2005 (2005-10-20) page 4, last paragraph page 17, paragraphs 2,3 page 21; structure 200 page 22; compounds 200a-200m page 51, paragraph 3 page 55, paragraph 2 page 59, last paragraph - page 60, paragraph 1 pages 126-129; example 38 figure 3 sequence 8 claim 50 <div style="text-align: center; margin-top: 20px;">----- -/--</div>	1-16, 18-27

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

26 April 2010

Date of mailing of the international search report

07/05/2010

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2006/105201 A2 (TRIMERIS INC [US]; WRING STEPHEN; FRICK LLOYD; SCHNEIDER STEPHEN; ZHAN) 5 October 2006 (2006-10-05) page 1, lines 4-8 page 8; table 1 figure 1	1-27
T	----- INGALLINELLA P ET AL: "Addition of a cholesterol group to an HIV-1 peptide fusion inhibitor dramatically increases its antiviral potency" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 20090407 NATIONAL ACADEMY OF SCIENCES USA LNKD- DOI:10.1073/PNAS.0901007106, vol. 106, no. 14, 7 April 2009 (2009-04-07), pages 5801-5806, XP002579426 page 5803; table 2 page 5803, section "Structure-Activity Relationship for Cholesterol Derivatization"	1-16, 18-27
X,P	----- INGENITO RAFFAELE ET AL: "Addition of a cholesterol group to an HIV-1 peptide fusion inhibitor dramatically increases its antiviral potency and simultaneously improves its in vivo half-life" JOURNAL OF PEPTIDE SCIENCE, vol. 14, no. 8, Suppl. S, August 2008 (2008-08), pages 119-120, XP002579428 & 30TH EUROPEAN PEPTIDE SYMPOSIUM; HELSINKI, FINLAND; AUGUST 31 SEPTEMBER 05, 2008 ISSN: 1075-2617 the whole document	1-27
A	----- LIU SHUWEN ET AL: "HIV entry inhibitors targeting gp41: From polypeptides to small-molecule compounds" CURRENT PHARMACEUTICAL DESIGN, BENTHAM SCIENCE PUBLISHERS, NL LNKD- DOI:10.2174/138161207779313722, vol. 13, no. 2, 1 January 2007 (2007-01-01), pages 143-162, XP002499294 ISSN: 1381-6128 page 145; figure 1	1-27

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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
 - a. type of material
 - a sequence listing
 - table(s) related to the sequence listing
 - b. format of material
 - on paper
 - in electronic form
 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in electronic form
 - furnished subsequently to this Authority for the purpose of search
2. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2008/064151

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2005097199 A1	20-10-2005	AT 442865 T	15-10-2009
		AU 2005231622 A1	20-10-2005
		CA 2562266 A1	20-10-2005
		EP 1732612 A1	20-12-2006
		EP 2119455 A1	18-11-2009
		JP 2007532512 T	15-11-2007
		US 2008317767 A1	25-12-2008

WO 2006105201 A2	05-10-2006	NONE	
