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(54) Title: METHODS OF PRODUCING C-ARYL GLUCOSIDE SGLT2 INHIBITORS

(57) Abstract: Method for the production of C-aryl glucoside SGLT2 inhibitors useful for the treatment of diabetes and related diseases. and intermediates thereof. The C-aryl glucosides may be complexed with amino acid complex forming reagents.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/41373

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : CO7H 1/00; CO7G 3/00

US CL : 536/1.11, 4.1, 124

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)

U.S. : 536/1.11, 124

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 practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---	Kuribayashi et al, AgOTfa/SnCl4: A Powerful New Promoter Combination in the Aryl C-Glycosidation of a Diverse Range of Sugar Acetates and Aromatic Substrates, Tetrahedron Letters 1998, Vol. 39, No. 25, pages 4537-4540, especially Formulas No. 13, 14, and 15 on page 4539.	39 -----
A		1-38 and 40
X ---	Kuribayashi et al, C-Glycosylated Diphenylmethanes and Benzophenones: The Stille Coupling Reaction of C-Glycosylated Aryl Tins with Benzyl Bromides and Acid Chlorides, Journal of Carbohydrate Chemistry 1999, Vol. 18, No. 4, pages 393-401, especially Formulas 9, 10 and 11 in Table 2 on page 396.	39 -----
A		1-38 and 40

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

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

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"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

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

STN STRUCTURE SEARCH - REGISTRY, CAPLUS, CAOLD, USPATFULL, MEDLINE, BIOSIS, EMBASE, MARPAT, CASREACT, DJSMDS, CHEMINFORMRX; EAST