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Declarations under Rule 4.17:

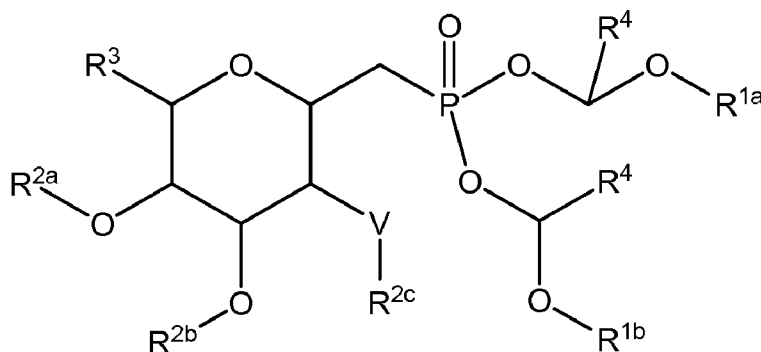
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

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(54) Title: CARBOHYDRATE PHOSPHONATE DERIVATIVES AS MODULATORS OF GLYCOSYLATION



(I)

(57) Abstract: Compounds of Formula (I) are useful as modulators of glycosylation. Compounds of Formula (I) have the following structure: (I) and the definitions of the other variables are provided herein.



INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. C07D309/10 C07D309/14 C12P17/06
ADD.
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)
C07D
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)
EPO-Internal, WPI Data, 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 2009/135181 A2 (SEATTLE GENETICS INC [US]; ALLEY STEPHEN C [US]; JEFFREY SCOTT C [US];) 5 November 2009 (2009-11-05)	46-52
A	the whole document	1-45
X	YU-NONG LIN ET AL: "Chemoenzymatic Synthesis of GDP-L-Fucose Derivatives as Potent and Selective [alpha]-1,3-Fucosyltransferase Inhibitors", ADVANCED SYNTHESIS & CATALYSIS, vol. 354, no. 9, 18 June 2012 (2012-06-18), pages 1750-1758, XP055117413, ISSN: 1615-4150, DOI: 10.1002/adsc.201100940	46-52
A	the whole document	1-45
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Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 13 May 2014	Date of mailing of the international search report 19/05/2014
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Gavriliu, Daniela
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INTERNATIONAL SEARCH REPORT

International application No

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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.
X	CORY D. RILLAHAN ET AL: "High-Throughput Screening for Inhibitors of Sialyl- and Fucosyltransferases", ANGEWANDTE CHEMIE INTERNATIONAL EDITION, vol. 50, no. 52, 23 December 2011 (2011-12-23), pages 12534-12537, XP055117415, ISSN: 1433-7851, DOI: 10.1002/anie.201105065	46-52
A	the whole document	1-45
X	WO 2010/141855 A1 (MOMENTA PHARMACEUTICALS INC [US]; COLLINS BRIAN EDWARD [US]; THIRUNEEL) 9 December 2010 (2010-12-09)	46-52
A	the whole document	1-45
A	WO 2006/120576 A2 (NOVARTIS VACCINES & DIAGNOSTIC [IT]; STOCKHOLM UNIVERSITY [SE]; OSCARS) 16 November 2006 (2006-11-16) page 67, paragraph 0018 - page 72, paragraph 0022; claims; figures; example 16	1-52

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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