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Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

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24 June 2010

(54) Title: METHODS FOR PREPARING OXAZOLIDINONES AND COMPOSITIONS CONTAINING THEM

(57) Abstract: Methods of preparing a class of oxazolidinones useful to impede bacterial growth are disclosed.



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INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER

INV. C07D403/10 C07F3/06 C07F5/02 C07F9/6558
 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 C07F

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, BEILSTEIN Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2005/058886 A1 (DONG A PHARM CO LTD [KR]; RHEE JAE KEOL [KR]; IM WEON BIN [KR]; CHO CH) 30 June 2005 (2005-06-30) cited in the application Scheme 1; page 17 page 18, line 6 - line 13 page 13 - page 16; examples 10, 17, 16, 21, 24, 29, 32, 38, 39, 61 page 15 - page 16; examples 59, 60, 72, 73 -----	1-37
Y	US 6 365 751 B1 (GRAVESTOCK MICHAEL BARRY [GB]) 2 April 2002 (2002-04-02) column 18, line 55 - column 19, line 10 column 23; compound VIIA ----- -/--	1-37

☒ 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

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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

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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.
Y	WO 2005/051933 A1 (RANBAXY LAB LTD [IN]; KUMAR YATENDRA [IN]; KAUL VIJAY KUMAR [IN]; SING) 9 June 2005 (2005-06-09) Scheme I; page 5	1-37
Y	WO 2004/083205 A1 (ASTRAZENECA AB [SE]; ASTRAZENECA UK LTD [GB]; GRAVESTOCK MICHAEL BARRY) 30 September 2004 (2004-09-30) page 37, line 6 - line 16	1-37
Y	MIYAUURA N ET AL: "PALLADIUM-CATALYZED CROSS-COUPPLING REACTIONS OF ORGANOBORON COMPOUNDS" CHEMICAL REVIEWS, ACS, WASHINGTON, DC, US, vol. 95, no. 7, 1 January 1995 (1995-01-01), pages 2457-2483, XP000652239 ISSN: 0009-2665 page 2469, column 2 - page 2471, column 2	1-37
X	LUCIO VERA-CABRERA ET AL.: "In Vitro Activities of DA-7157 and DA-7218 against Mycobacterium tuberculosis and Nocardia brasiliensis" ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol. 50, no. 9, 1 September 2006 (2006-09-01), - 1 September 2006 (2006-09-01) pages 3170-3172, XP002577837 page 3171; figure 1; compounds DA-7157, DA-7218 page 3171; table 2	34-37
X	WO 2007/023507 A2 (SINDKHEDKAR MILIND D [IN]; BHAVSAR SATISH B [IN]; PATIL VIJAYKUMAR J [IN]) 1 March 2007 (2007-03-01) pages 148-153; examples 196, 200, 211, 215, 221, 231, 235 pages 165-166; examples 270-275	34-37

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/060267

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-33

A process for the preparation of oxazolidinone derivatives and intermediates for use in said process.

2. claims: 34-37

Compositions containing the compounds resulting from the current proces and dimers thereof.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2009/060267

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2005058886	A1	30-06-2005	AU 2004299413 A1	30-06-2005
			AU 2009200606 A1	05-03-2009
			BR PI0417800 A	10-04-2007
			CA 2549062 A1	30-06-2005
			EP 1699784 A1	13-09-2006
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