

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PU65752	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2015/056325	International filing date (<i>day/month/year</i>) 20 August 2015 (20-08-2015)	(Earliest) Priority Date (<i>day/month/year</i>) 22 August 2014 (22-08-2014)
Applicant GLAXOSMITHKLINE INTELLECTUAL PROPERTY...		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6**bis**(a)).

c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- ☐ the text is approved as submitted by the applicant
☒ the text has been established by this Authority to read as follows:

TRICYCLIC NITROGEN CONTAINING COMPOUNDS FOR TREATING NEISSERIA GONORRHOEA INFECTION

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____
☐ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention
b. ☐ none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2015/056325

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K31/4375 A61K31/4985 A61K31/538 A61K31/5383 A61K31/5415
 A61K31/542 A61K31/554 A61P31/04

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)

A61K

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, CHEM ABS Data, BIOSIS, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	"A Dose-Ranging Study Evaluating the Efficacy, Safety, and Tolerability of GSK2140944 in the Treatment of Uncomplicated Urogenital Gonorrhea Caused by Neisseria Gonorrhoeae", ClinicalTrials NCT02294682 , 18 November 2014 (2014-11-18), pages 1-5, XP002748885, Retrieved from the Internet: URL:https://clinicaltrials.gov/archive/NCT02294682/2014_11_18 [retrieved on 2015-10-27] abstract ----- -/-	1-18



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 application or patent 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

28 October 2015

Date of mailing of the international search report

06/11/2015

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2015/056325

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2008/128942 A1 (GLAXO GROUP LTD [GB]; DAVIES DAVID EVAN [GB]; DAVIES DAVID THOMAS [GB]) 30 October 2008 (2008-10-30) abstract; claims; examples page 125 - page 126; example 39 -----	1-18
Y	J. E. ROSS ET AL: "Determination of Disk Diffusion and MIC Quality Control Guidelines for GSK2140944, a Novel Bacterial Type II Topoisomerase Inhibitor Antimicrobial Agent", JOURNAL OF CLINICAL MICROBIOLOGY, vol. 52, no. 7, 1 July 2014 (2014-07-01), pages 2629-2632, XP055223778, US ISSN: 0095-1137, DOI: 10.1128/JCM.00656-14 the whole document -----	1-18
Y	WO 2010/043714 A1 (GLAXO GROUP LTD [GB]; GIORDANO ILARIA [GB]; HENNESSY ALAN JOSEPH [GB]) 22 April 2010 (2010-04-22) abstract page 31, line 33 - page 32, line 13 claims; examples -----	1-18
A	WO 2009/141398 A1 (GLAXO GROUP LTD [GB]; ALEMPARTE-GALLARDO CARLOS [ES]; BARFOOT CHRISTOP) 26 November 2009 (2009-11-26) abstract page 90 - page 91; claims; examples -----	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2015/056325

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2008128942	A1	30-10-2008	AR 066111 A1 22-07-2009
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