

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P2775PC00	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2019/000716	International filing date (<i>day/month/year</i>) 8 July 2019 (08-07-2019)	(Earliest) Priority Date (<i>day/month/year</i>) 9 July 2018 (09-07-2018)
Applicant ABBOTT LABORATORIES GMBH		

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 5 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:

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. 1

☒

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

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

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of a sequence listing:
- a. ☐ forming part of the international application as filed:
- ☐ in the form of an Annex C/ST.25 text file.
- ☐ on paper or in the form of an image file.
- b. ☐ furnished together with the international application under PCT Rule 13~~ter~~.1(a) for the purposes of international search only in the form of an Annex C/ST.25 text file.
- c. ☒ furnished subsequent to the international filing date for the purposes of international search only:
- ☒ in the form of an Annex C/ST.25 text file (Rule 13~~ter~~.1(a)).
- ☐ on paper or in the form of an image file (Rule 13~~ter~~.1(b) and Administrative Instructions, Section 713).
2. ☐ In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that forming part of the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

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A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K38/10 A61K47/02 A61K9/20 A61P1/00
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 A61P

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, BIOSIS, COMPENDEX, 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	US 2012/237593 A1 (COMISKEY STEPHEN [US] ET AL) 20 September 2012 (2012-09-20)	1-3,6, 11-13, 35,36, 38,39
Y	paragraphs [0044] - [0046]; claims 26-27,37; table II	4,5, 7-10, 14-34, 37,40,41
X	----- WO 2014/088623 A1 (FOREST LAB HOLDINGS LTD; SANGHVI RITESH [US] ET AL.) 12 June 2014 (2014-06-12)	1-3,35, 36,38,39
Y	paragraphs [0002], [0094], [0116], [0117]; claim 30 ----- -/-	4-34,37, 40,41



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

18 December 2019

Date of mailing of the international search report

13/01/2020

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

Bochelen, Damien

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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 2016/097030 A1 (SYNTHON BV [NL]) 23 June 2016 (2016-06-23) page 3, line 13 - page 4, line 5; example 1	1-34
Y	----- US 2012/088774 A1 (GRAHEK ROK [SI] ET AL) 12 April 2012 (2012-04-12) paragraph [0045]; example 2 -----	1-34

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Information on patent family members

International application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012237593 A1	20-09-2012	AU 2013232306 A1	02-10-2014
		CA 2867292 A1	19-09-2013
		EA 201491697 A1	27-02-2015
		EP 2825188 A1	21-01-2015
		HK 1204454 A1	20-11-2015
		JP 6557138 B2	07-08-2019
		JP 2015511961 A	23-04-2015
		JP 2019112452 A	11-07-2019
		US 2012237593 A1	20-09-2012
		WO 2013138352 A1	19-09-2013
WO 2014088623 A1	12-06-2014	JP 2016521249 A	21-07-2016
		US 2014018307 A1	16-01-2014
		US 2015005241 A1	01-01-2015
		US 2016324968 A1	10-11-2016
		US 2017281774 A1	05-10-2017
		WO 2014088623 A1	12-06-2014
WO 2016097030 A1	23-06-2016	EP 3233059 A1	25-10-2017
		US 2017368048 A1	28-12-2017
		WO 2016097030 A1	23-06-2016
US 2012088774 A1	12-04-2012	AU 2010233809 A1	10-11-2011
		BR PI1006266 A2	26-03-2019
		CA 2757988 A1	14-10-2010
		CN 102448460 A	09-05-2012
		EA 201101432 A1	30-04-2012
		EP 2238979 A1	13-10-2010
		EP 2416775 A1	15-02-2012
		JP 2012522825 A	27-09-2012
		US 2012088774 A1	12-04-2012
		WO 2010115886 A1	14-10-2010