

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 267224-471264	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2020/042028	International filing date (<i>day/month/year</i>) 15 July 2020 (15-07-2020)	(Earliest) Priority Date (<i>day/month/year</i>) 16 July 2019 (16-07-2019)
Applicant MYOKARDIA, INC.		

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:

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/US2020/042028

A. CLASSIFICATION OF SUBJECT MATTER

INV. C07D413/14 A61P9/04 A61K31/454
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)

A61P 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, CHEM ABS Data, 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	WO 2016/118774 A1 (MYOKARDIA INC) 28 July 2016 (2016-07-28) paragraph [0013]; example 20; table 2 -----	1-121
A	MINO R CAIRA ED - MONTCHAMP JEAN-LUC: "Crystalline Polymorphism of Organic Compounds", TOPICS IN CURRENT CHEMISTRY; [TOPICS IN CURRENT CHEMISTRY], SPRINGER, BERLIN, DE, vol. 198, 1 January 1998 (1998-01-01), pages 163-208, XP008166276, ISSN: 0340-1022, DOI: 10.1007/3-540-69178-2_5 [retrieved on 1999-02-26] page 165 - page 166 ----- -/-	1-121



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

26 August 2020

Date of mailing of the international search report

07/09/2020

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2020/042028

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	STEPHEN BYRN ET AL: "Pharmaceutical Solids: A Strategic Approach to Regulatory Considerations", PHARMACEUTICAL RESEARCH, vol. 12, no. 7, 1 January 1995 (1995-01-01), pages 945-954, XP055531015, DOI: 10.1023/A:1016241927429 page 952, line 13 -----	1-121

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2020/042028

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2016118774	A1	28-07-2016	
		AU 2016209200 A1	10-08-2017
		BR 112017015627 A2	13-03-2018
		CA 2974370 A1	28-07-2016
		CL 2017001871 A1	13-04-2018
		CN 107428719 A	01-12-2017
		CN 111393414 A	10-07-2020
		CR 20170370 A	20-10-2017
		DO P2017000166 A	15-10-2017
		EA 201791656 A1	30-11-2017
		EC SP17054181 A	28-02-2019
		EP 3247707 A1	29-11-2017
		GT 201700163 A	18-10-2018
		HK 1246775 A1	14-09-2018
		IL 253552 A	31-12-2019
		JP 6712275 B2	17-06-2020
		JP 2018502883 A	01-02-2018
		KR 20170113578 A	12-10-2017
		PE 20171511 A1	20-10-2017
		PH 12017501279 A1	29-01-2018
		SG 10201913047U A	27-02-2020
		SG 11201705928X A	30-08-2017
		TN 2017000320 A1	16-01-2019
		UA 119905 C2	27-08-2019
		US 2016243100 A1	25-08-2016
		WO 2016118774 A1	28-07-2016