

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 770045CPCT	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/CN2017/086942	International filing date (<i>day/month/year</i>) 02 June 2017	(Earliest) Priority Date (<i>day/month/year</i>) 02 June 2016
Applicant INNOPHARMAX, 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 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 43.6bis(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.

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.: **1-30**
because they relate to subject matter not required to be searched by this Authority, namely:

[1] Claims 1-30 are directed to a method for treatment of the human/animal body, which relate to subject-matter considered by the Authority to be covered by the provisions of Rule 39.1. However the search has been carried out and based on the alleged effects of the oral formulation.
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. IV Text of the abstract (Continuation of item 5 of the first sheet)

Use of gemcitabine, including in self-emulsifying orally administered dosage forms for treatment, such as inducing regression or inhibiting growth, of tumors in a patient such as a human. Gemcitabine is orally administered in a metronomic manner.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2017/086942

A. CLASSIFICATION OF SUBJECT MATTER		
A61K 9/107(2006.01)i; A61K 9/48(2006.01)i; A61K 31/7068(2006.01)i; A61P 35/00(2006.01)i		
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)		
CPRSABS,CNABS,CNMED,HKABS,TWABS,MOABS,TWMED,CNKI,DWPI,CPEA,SIPOABS,AUABS,SGABS,ILABS,FRABS,LEXIS:gemcitabine,GEM,emulsion,HLB,capsule,glycerol,PEG,polysorbate,Tween,oleoyl polyoxyglyceides,tumor,cancer,breast,bladder,pancreatic, bile duct,non-small cell lung tumor		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 102427803 B (INNOPHARMAX INC) 10 June 2015 (2015-06-10) embodiment 1	1-13, 15-21, 23-29, 31-43, 45-48, 50-54
Y	CN 102427803 B (INNOPHARMAX INC) 10 June 2015 (2015-06-10) embodiment 1	14, 22, 30, 44, 49, 55
Y	CN 104053438 A (AJINOMOTO KK ET AL.) 17 September 2014 (2014-09-17) paragrah [0005]	14, 22, 30, 44, 49, 55
Y	CN 101926779 A (SUZHOU TERUI PHARMACEUTICAL CO LTD) 29 December 2010 (2010-12-29) paragrah [0004]	14, 22, 30, 44, 49, 55
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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		Date of mailing of the international search report
08 August 2017		13 September 2017
Name and mailing address of the ISA/CN		Authorized officer
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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/CN2017/086942

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	102427803	B	10 June 2015	UA	105042	C2	10 April 2014
				IL	215988	D0	31 January 2012
				EP	3045165	A3	21 September 2016
				CN	102427803	A	25 April 2012
				SG	175808	A1	29 December 2011
				EP	3045165	A2	20 July 2016
				AU	2010242461	A1	15 December 2011
				IL	215988	A	29 December 2016
				US	2010273730	A1	28 October 2010
				CO	6470799	A2	29 June 2012
				CA	2760039	C	16 May 2017
				WO	2010124525	A1	04 November 2010
				JP	5753157	B2	22 July 2015
				US	2015196537	A1	16 July 2015
				EP	2425818	A1	07 March 2012
				NZ	596657	A	31 January 2014
				CA	2760039	A1	04 November 2010
				TW	1461212	B	21 November 2014
				AU	2010242461	B2	19 May 2016
				RU	2011148140	A	10 June 2013
				MX	2011011374	A	08 February 2012
				RU	2532362	C2	10 November 2014
				TW	201041597	A	01 December 2010
				JP	2012524820	A	18 October 2012
				HK	1165701	A1	18 December 2015
				BR	PI1011764	A2	29 March 2016
				EP	2425818	A4	24 October 2012
				ZA	201108686	B	29 August 2012
				KR	20120015330	A	21 February 2012
				IN	201109210	P1	18 January 2013
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CN	104053438	A	17 September 2014	TW	201330845	A	01 August 2013
				WO	2013058294	A1	25 April 2013
				KR	20140079831	A	27 June 2014
				JP	WO2013058294	A1	02 April 2015
				US	2014227282	A1	14 August 2014
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CN	101926779	A	29 December 2010	None			
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