

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 November 2007 (22.11.2007)

PCT

(10) International Publication Number
WO 2007/134203 A3

(51) International Patent Classification:
A61K 31/4995 (2006.01) A61P 35/00 (2006.01)
A61K 31/704 (2006.01)

(21) International Application Number:
PCT/US2007/068727

(22) International Filing Date: 11 May 2007 (11.05.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/800,510 12 May 2006 (12.05.2006) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
29 May 2008



WO 2007/134203 A3

(54) Title: ANTICANCER TREATMENTS WITH A COMBINATION OF DOCETAXEL AND ECTEINASCIDIN

(57) Abstract: A method of treating the human body for cancer comprises administering an effective therapeutic amount of docetaxel in combination with an effective therapeutic amount of ET-743.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/068727

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K31/4995 A61K31/704 A61P35/00

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 practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/36125 A (HEAD EXPLORER APS [DK]; OLESEN JES [DK]; JENSEN RIGMOR [DK]; BENDTSEN) 10 May 2002 (2002-05-10) page 1, lines 20-25 page 3, lines 8-11; example 4	1-25
Y	claims	1-25
X	WO 03/039571 A (PHARMAMAR SA [ES]; JIMENO JOSE [ES]; RUIZ CASADO ANA [ES]; LOPEZ LAZAR) 15 May 2003 (2003-05-15) page 14, lines 21-26; claims 16,17	1-25
Y		1-25
X	WO 00/69441 A (PHARMA MAR SA [ES]; BOWMAN ANGELA [GB]; CVITKOVIC ESTEBAN [FR]; DEMETR) 23 November 2000 (2000-11-23) claims	1-25
Y	page 8, lines 10-18	1-25
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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

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- *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

7 April 2008

Date of mailing of the international search report

16/04/2008

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/068727

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>BARRERA H ET AL: "Interaction of ET-743 and standard cytotoxic agents against a panel of human tumor cell lines" PROCEEDINGS OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH ANNUAL MEETING, vol. 40, March 1999 (1999-03), page 591, XP001538120 & 90TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH; PHILADELPHIA, PENNSYLVANIA, USA; APRIL 10-14, 1999 ISSN: 0197-016X cited in the application</p>	1-25
Y	abstract	1-25
Y	<p>----- KESTEREN VAN C ET AL: "YONDELIS (TRABECTEDIN, ET-743): THE DEVELOPMENT OF AN ANTICANCER AGENT OF MARINE ORIGIN" ANTI-CANCER DRUGS, RAPID COMMUNICATIONS, OXFORD, GB, vol. 14, no. 7, August 2003 (2003-08), pages 487-502, XP009042983 ISSN: 0959-4973 page 499, right-hand column, line 31 - page 500, left-hand column, line 38</p>	1-25
Y	<p>----- TAKAHASHI N ET AL: "Sequence-dependent enhancement of cytotoxicity produced by ecteinascidin 743 (ET-743) with doxorubicin or paclitaxel in soft tissue sarcoma cells" CLINICAL CANCER RESEARCH, THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, US, vol. 7, no. 10, October 2001 (2001-10), pages 3251-3257, XP002314514 ISSN: 1078-0432 abstract</p>	1-25
Y	<p>----- TAKAHASHI NAOTO ET AL: "Sequence-dependent synergistic cytotoxicity of ecteinascidin-743 and paclitaxel in human breast cancer cell lines in vitro and in vivo" CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD, US, vol. 62, no. 23, 1 December 2002 (2002-12-01), pages 6909-6915, XP002314935 ISSN: 0008-5472 abstract</p>	1-25
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INTERNATIONAL SEARCH REPORT

International application No PCT/US2007/068727
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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	<p>HOEKMAN K ET AL: "A phase I/II study of dose-escalated docetaxel given two weekly in combination with a fixed dose of G-CSF" EUROPEAN JOURNAL OF CANCER, PERGAMON PRESS, OXFORD, GB, vol. 37, April 2001 (2001-04), page S76, XP004477511 ISSN: 0959-8049 abstract</p> <p align="center">-----</p>	19-25

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claims 1-21 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box II.1

Claims Nos.: -

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/068727

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:
see FURTHER INFORMATION sheet PCT/ISA/210
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:

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable 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.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/068727

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