

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 May 2009 (07.05.2009)

PCT

(10) International Publication Number
WO 2009/059304 A3

(51) International Patent Classification:

A61K 31/445 (2006.01) **A61K 31/7008** (2006.01)
A61K 31/70 (2006.01) **A61K 31/7042** (2006.01)
A61K 31/505 (2006.01) **A61K 35/00** (2006.01)
A61K 31/192 (2006.01)

(21) International Application Number:

PCT/US2008/082263

(22) International Filing Date:

3 November 2008 (03.11.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/985,012 2 November 2007 (02.11.2007) US
61/050,110 2 May 2008 (02.05.2008) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

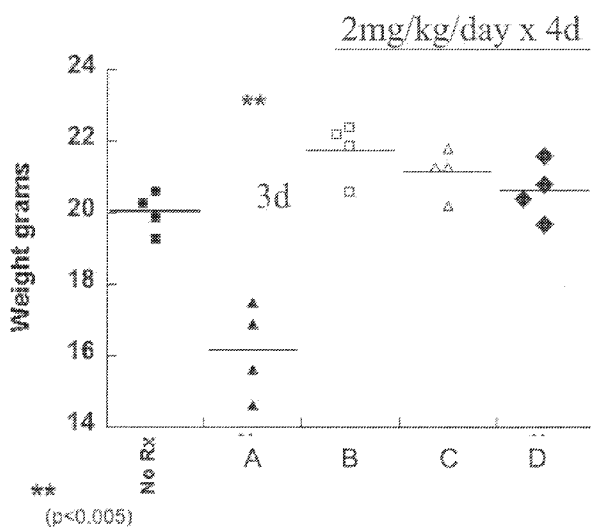
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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

[Continued on next page]

(54) Title: COMPOUNDS FOR TREATING ABNORMAL CELLULAR PROLIFERATION



-No overt toxicity at daily dose of 200mg/kg/day for 7 days (I.V.).

Figure 16

(57) Abstract: Provided herein are compounds, compositions and methods for treating disorders mediated by abnormal cellular proliferation and processes for identifying such compounds.

WO 2009/059304 A3



— *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:

6 August 2009

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/082263**A. CLASSIFICATION OF SUBJECT MATTER****A61K 31/445(2006.01)i, A61K 31/70(2006.01)i, A61K 31/505(2006.01)i, A61K 31/192(2006.01)i, A61K 31/7008(2006.01)i, A61K 31/7042(2006.01)i, A61K 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)

IPC as above

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)
eKIPASS, STN(REGISTRY, CAPLUS), Google, Google scholar**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Berkson, R.G. et al "Pilot screening programme for small molecule activators of p53" International Journal of Cancer. 2005, 115(5), 701-710, ISSN: 1097-0215 See abstract, page 701, table 1 (entry 7, 24), figures, discussion	1-6, 23-29, 71-76,
X	Radhakrishnan S.K. et al "A novel transcriptional inhibitor induces apoptosis in tumor cells and exhibits antiangiogenic activity" Cancer Research. 2006, 66(6), 3264-3270, ISSN: 0008-5472 See abstract, figures 3-4, apoptotic assay, results	1-6, 71-76
X	WO 2006-116512 A1 (The board of trustees of the university of illinois) 2 November 2006 See abstract, example 4, claims	1-6, 71-76
A	Chen, R-F. et al "Small-molecule anthracene-induced cytotoxicity and induction of apoptosis through generation of reactive oxygen species" Biological & Pharmaceutical Bulletin. 2004, 27(6), 838-845, ISSN: 0918-6158 See the whole document	46-52

☐ 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 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

25 JUNE 2009 (25.06.2009)

Date of mailing of the international search report

25 JUNE 2009 (25.06.2009)

Name and mailing address of the ISA/KR

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Facsimile No. 82-42-472-7140

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2008/082263

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.: 7-22, 30-45, 53-68, 78-93
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 7-22, 30-45, 53-68, 78-93 pertain to methods for treatment of the human by therapy, as well as diagnostic methods, and thus relate to a subject matter which this International Searching Authority is not required, under Article 17(2)(a)(i) of the PCT and Rule 39.1(iv) of the Regulations under the PCT, to search.
2. ☒ Claims Nos.: 69-70, 77,
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:
The term of "compound" in claim 69 is unclear and claim 70 referring claim 69 is not clear, either. "a therapeutic agent identified by the process of claim 71" in claim 77 is vague and unclear, too. Therefore, it is not possible to carry out a meaningful search on these claims.
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 all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
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/US2008/082263

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2006-116512 A1	02.11.2006	CA 2609342 A1	02.11.2006
		EP 1876894 A1	16.01.2008
		US 2009117651 A1	07.05.2009