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Previous Correction:
see Notice of 8 May 2008

(54) Title: BIS(THIOHYDRAZIDE AMIDES) FOR USE IN PREVENTING OR DELAYING THE RECURRENCE OF MELANOMA

(57) Abstract: Disclosed herein are methods of preventing or delaying the recurrence of melanoma in a subject with bis(thio-hydrazide amides) represented by a formula selected from Structural Formulas (I)-(IX) or pharmaceutically acceptable salts thereof, pharmaceutical compositions comprising these bis(thio-hydrazide amides) and compositions comprising these bis(thiohydrazide)amides and one or more anti cancer agent.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/018357

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K31/16 A61P35/00 A61P35/04 A61K31/337

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/033913 A (SYNTA PHARMACEUTICALS CORP [US]; VAGHEFI FARID [US]; CHEN LAN BO [US];) 30 March 2006 (2006-03-30) page 18, lines 8-13 page 2, lines 5-23 page 3, lines 7-10 page 4, line 8 - page 16, line 7 page 28, lines 21-31 page 29, lines 7,8,21 page 31, line 11 - page 46, line 7	1-104
X	WO 2006/055747 A (SYNTA PHARMACEUTICALS CORP [US]; BARSOUM JAMES [US]) 26 May 2006 (2006-05-26) example 13; compound 1	1-104

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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

- *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

11 April 2008

Date of mailing of the international search report

18/04/2008

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INTERNATIONAL SEARCH REPORT

International application No

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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.
X	US 2004/225016 A1 (KOYA KEIZO [US] ET AL) 11 November 2004 (2004-11-11) abstract; example 15 sentences 1,20, paragraph 66	53-85
Y	-----	1-104
P,X	AU 2006 228 035 A1 (SYNTA PHARMACEUTICALS CORP) 2 November 2006 (2006-11-02) claims 1-17; figures 1a-ad	53-85
P,X	----- WO 2006/113695 A (SYNTA PHARMACEUTICALS CORP [US]; DAHL THOMAS A [US]; MCLEOD MATTHEW [U] 26 October 2006 (2006-10-26) cited in the application the whole document	1-104
P,X	----- EP 1 731 148 A (SYNTA PHARMACEUTICALS CORP [US]) 13 December 2006 (2006-12-13) the whole document	1-104
Y	----- VALERIOTE F ET AL: "SYNERGISTIC INTERACTION OF ANTICANCER AGENTS: A CELLULAR PERSPECTIVE" CANCER CHEMOTHERAPY REPORTS, vol. 59, no. 5, September 1975 (1975-09), pages 895-900, XP009019750 page 895, lines 1-3,11-13, paragraph 1	1-104

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/018357

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:

Although claims 1-104 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.
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 reportcovers 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/US2007/018357

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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