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(54) Title: METHOD OF TREATING CANCER WITH HDAC INHIBITORS

(57) Abstract: The present invention relates to methods of treating cancers, e.g., mesothelioma or lymphoma. More specifically, the present invention relates to methods of treating mesothelioma or diffuse large B-cell lymphoma (DLBCL), by administration of pharmaceutical compositions comprising HDAC inhibitors, e.g., suberoylanilide hydroxamic acid (SAHA). The oral formulations of the pharmaceutical compositions have favorable pharmacokinetic profiles such as high bioavailability and surprisingly give rise to high blood levels of the active compounds over an extended period of time. The present invention further provides a safe, daily dosing regimen of these pharmaceutical compositions, which is easy to follow, and which results in a therapeutically effective amount of the HDAC inhibitors *in vivo*.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 514/616

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)

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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)
CAS on-line

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Database Caplus on STN, Accession No. DN134:293668, "Negative regulation of bcl-2 expression by p53 in hematopoietic cells." abstract, Wu et al, 2001, Vol. 20, No. 2, pages 240-251.	1-68
A,P	US 2004/0127523 A1 (BACOPOULOS et al.) 01 July 2004, see entire document.	1-68
A,P	US 2003/0161830 A1 (JACKSON et al.) 28 August 2003(28.08.2003), see entire document.	1-68

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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