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(54) Title: ENANTIOMERICALLY ENRICHED IMINOPYRROLIDONE AZIRDINE COMPOSITIONS

(57) Abstract: Enantiomerically enriched iminopyrrolidone aziridine compositions are disclosed herein. Embodiments of the present invention include enantiomerically enriched compositions, aqueous solutions of, and methods of increasing the aqueous solubility of, enantiomerically enriched compositions, and methods of formulating drug products comprising enantiomerically enriched iminopyrrolidone aziridine compounds for use in the treatment of cancer.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/79613

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A01N 43/00; A61K 31/33; C07D 403/00 (2008.01)

USPC - 514/183; 548/963

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)

USPC: 514/183; 548/963

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 548/954, 962; 428/411.1; 514/259.1, 265.1, 427 (see search terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WEST (PGPB,USPT,EPAB,JPAB): iminopyrrolidone, aziridine, cancer, enantiomer, stereoisomer, imexon,

esp@cenet: Arizona, amplimed, cancer, aziridine, imexon

Google Scholar: aziridine, enantiomer, bacteria-retentive, filter, cancer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,476,236 B1 (REMERS et al.) 5 November 2002 (05.11.2002) abstract; col 2, ln 24-26; col 5, ln 1-4	1-42
Y	US 2004/0220413 A1 (KATSUKI et al.) 4 November 2004 (04.11.2004) abstract; para [0009], [0033], [0036], [0041]; Table 1, 2 and 3	1-42
Y	US 6,297,230 B1 (REMERS et al.) 2 October 2001 (02.10.2001) col 1, ln 20; col 3, ln 52-58; col 4, ln 1-3; col 5, ln 36 to col 6, ln 56; col 12, ln 15 to col 13, ln 67; col 28, ln 24-25	1-42
Y	US 2003/0153771 A1 (KOLB et al.) 14 August 2003 (14.08.2003) abstract; para [0029]	7, 19, 29 and 40
Y	US 4,267,053 A (HASHINO et al.) 12 May 1981 (12.05.1981) abstract; col 1, ln 34-35	32

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"&" document member of the same patent family

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