Abstract: Compositions comprising combinations of magnesium ascorbate (magnesium Vitamin C of "MgVC") and Vitamin K3 or (VK3) or a quinone and semiquinone analogue of VK3, are used in methods for killing or inhibiting the growth of tumor or cancer cells or preneoplastic cells in a subject, or for treating cancer in a subject in need of such treatment.
INTERNATIONAL SEARCH REPORT

PCT/US 07/71361

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A01 N 43/08; A61 K 31/34 (2007.1 0)

USPC - 514/474

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 - 514/474

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC - 424/682; 435/106; 514/291, 454; 549/41 1; 552/299 (see search terms below)

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

PubWEST (USPT,PGP,EPAB,JPAB); PubMed; Google Scholar

Search Terms Used: magnesium ascorbate, MgVC2, sodium, ascorbate, Vitamin C, VC, tumor, cancer, treat, Inhibit, kill, Vitamin K3, VK3, menadione sodium bisulfite

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.

Y US 2003/0073738 A1 (GILLOTEAUX et al.) 17 April 2003 (17.04.2003) entire document, especially para [0019], [0027], [0038], [0040], [0043], [0045], [0049], [0060] 1-34


* Special categories of cited documents:

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“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 another citation or other special reason (as specified)

“O” document referring to an oral disclosure, use, exhibition or other means

“F” 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

“D” 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

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“D” document member of the same patent family

Date of the actual completion of the international search
30 October 2007 (30.10.2007)

Date of mailing of the international search report

06 DEC 2007

Authorized office

Form PCT/ISA/210 (second sheet) (April 2007)