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(71) Applicant (for all designated States except US): **EMORY UNIVERSITY** [US/US]; 1380 S. Oxford Road, Atlanta, GA 30322 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ARBISER, Jack, L.** [US/US]; 1690 Parliament Pt. NE, Atlanta, GA 30329 (US). **AMBLARD, Frank** [US/US]; 1690 Parliament Pt. NE, Atlanta, GA (US).

(74) Agent: **KNOWLES, Sherry, M.**; King & Spalding LLP, 191 Peachtree St., Atlanta, Georgia 30303-1763 (US).

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(54) Title: HONOKIOL DERIVATIVES FOR THE TREATMENT OF PROLIFERATIVE DISORDERS

(57) Abstract: The present invention provides novel honokiol derivatives, as well as pharmaceutical compositions containing the honokiol derivatives. These compounds and pharmaceutical compositions can be used in the prevention and/or treatment of cancer. In particular, honokiol derivatives, pharmaceutical compositions comprising the derivatives, and methods for their use in the treatment of myeloma are provided.



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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US06/06494

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: C07C 41/00( 2006.01),43/02( 2006.01),43/20( 2006.01)

USPC: 568/648

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)  
U.S. : 568/648

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)  
stic

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 10194958 (HIKIMA) 28 July 1998 (28.07.1998), see entire reference.	1,2,23-25
X	NAMBA, T. et al. Studies on dental caries prevention by traditional Chinese medicines, Wakanyaku Shinpojumu, [Kiroku], 1982, Vol. 15, pages 179-86. ABS.	1,2,5-7,23-25

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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"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		

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Name and mailing address of the ISA/US  
Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
Facsimile No. (571) 273-3201

Authorized officer  
Alton Pryor  
Telephone No. 571-272-1600