

Title (en)  
MITOMYCIN DERIVATIVES HAVING REDUCED BONE MARROW TOXICITY, PROCESSES FOR THEIR PREPARATION, AND THE USES THEREOF

Publication  
**EP 0431008 A4 19920311 (EN)**

Application  
**EP 89909473 A 19890725**

Priority  
US 23522488 A 19880823

Abstract (en)  
[origin: WO9001931A1] The invention relates to certain derivatives of mitomycins A and C and the use thereof to treat bacterial infections and to suppress the growth of cancer cells. The invention also relates to processes for the preparation of the mitomycin derivatives of the invention.

IPC 1-7  
**A61K 31/40; A61K 31/425; C07D 487/14; C07D 487/12; C07D 487/04**

IPC 8 full level  
**C07D 487/04** (2006.01); **A61K 31/40** (2006.01); **A61P 35/00** (2006.01); **C07D 487/14** (2006.01)

CPC (source: EP KR)  
**A61K 31/40** (2013.01 - KR); **A61P 35/00** (2017.12 - EP); **C07D 487/14** (2013.01 - EP)

Citation (search report)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 108 (C-280)(1831) 11 May 1985 & JP-A-60 001 197 ( KYOWA HAKKO KOGYO K.K. ) 7 January 1985  
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 49 (C-565)(3397) 3 February 1989 & JP-A-63 246 336 ( KYOWA HAKKO KOGYO CO LTD ) 13 October 1988  
• See references of WO 9001931A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9001931 A1 19900308**; AU 4065089 A 19900323; AU 628846 B2 19920924; CA 1327037 C 19940215; CN 1040593 A 19900321; DK 29691 A 19910423; DK 29691 D0 19910220; EP 0431008 A1 19910612; EP 0431008 A4 19920311; ES 2018726 A6 19910501; GR 1000785 B 19921230; GR 890100514 A 19911230; IE 63036 B1 19950322; IE 892691 L 19900223; IL 91332 A0 19900319; JP H04500513 A 19920130; KR 900701269 A 19901201; NO 177673 B 19950724; NO 177673 C 19951101; NO 910662 D0 19910219; NO 910662 L 19910321; NZ 230343 A 19920129; PT 91499 A 19900308; PT 91499 B 19950706; ZA 896025 B 19900530

DOCDB simple family (application)  
**US 8903180 W 19890725**; AU 4065089 A 19890725; CA 608960 A 19890822; CN 89106432 A 19890822; DK 29691 A 19910220; EP 89909473 A 19890725; ES 8902910 A 19890822; GR 890100514 A 19890818; IE 269189 A 19890822; IL 9133289 A 19890816; JP 50879289 A 19890725; KR 900700816 A 19900423; NO 910662 A 19910219; NZ 23034389 A 19890817; PT 9149989 A 19890821; ZA 896025 A 19890808