

Title (en)  
CARBAPENEM ANTIBACTERIAL COMPOUNDS, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF TREATMENT

Title (de)  
ANTIBAKTERIELLE CARBAPENEM-VERBINDUNGEN, DIE ENTHALTENDE ZUSAMMENSETZUNGEN UND BEHANDLUNGSMETHODEN

Title (fr)  
COMPOSES ANTIBACTERIENS DE CARBAPENEM, COMPOSITIONS CONTENANT LESDITS COMPOSES ET METHODES DE TRAITEMENT

Publication  
**EP 0977567 A4 20000209 (EN)**

Application  
**EP 97943428 A 19970909**

Priority

- GB 9701605 A 19970127
- US 9716786 W 19970909
- US 2618296 P 19960913

Abstract (en)  
[origin: WO9810761A1] The present invention relates to carbapenem antibacterial agents in which the carbapenem nucleus is substituted at the 2-position with a naphthosultam linked through a CH<sub>2</sub> group. The naphthosultam is further substituted with various substituent groups including at least one cationic group. The compounds are represented by formula (I). Pharmaceutical compositions and methods of use are also included.

IPC 1-7  
**A61K 31/425**; **C07D 519/00**

IPC 8 full level  
**A61K 31/428** (2006.01); **A61K 31/439** (2006.01); **A61K 31/496** (2006.01); **A61K 31/4995** (2006.01); **A61P 31/04** (2006.01); **C07D 453/02** (2006.01); **C07D 477/00** (2006.01); **C07D 477/14** (2006.01); **C07D 519/00** (2006.01); **C07D 519/06** (2006.01); **C07D 521/00** (2006.01)

CPC (source: EP)  
**A61P 31/04** (2017.12); **C07D 231/12** (2013.01); **C07D 233/56** (2013.01); **C07D 249/08** (2013.01); **C07D 477/14** (2013.01)

Citation (search report)

- [A] US 5451579 A 19950919 - GREENLEE MARK L [US], et al
- [A] US 5192758 A 19930309 - DININNO FRANK [US], et al
- See references of WO 9810761A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9810761 A1 19980319**; AU 4490597 A 19980402; CA 2264605 A1 19980319; EP 0977567 A1 20000209; EP 0977567 A4 20000209; JP 2002515882 A 20020528

DOCDB simple family (application)  
**US 9716786 W 19970909**; AU 4490597 A 19970909; CA 2264605 A 19970909; EP 97943428 A 19970909; JP 51401598 A 19970909