

## Title (en)

SUBSTITUTED AROMATIC COMPOUNDS FOR TREATMENT OF ANTIBIOTIC RESISTANT INFECTIONS

## Title (de)

SUBSTITUIERTE AROMATISCHE VERBINDUNGEN ZUR BEHANDLUNG VON ANTIBIOTIKA-RESISTENTEN INFEKTIONEN.

## Title (fr)

COMPOSES AROMATIQUES SUBSTITUES POUR LE TRAITEMENT D'INFECTIONS RESISTANT AUX ANTIBIOTIQUES

## Publication

**EP 1066035 A4 20010509 (EN)**

## Application

**EP 99911497 A 19990325**

## Priority

- US 9906494 W 19990325
- US 7938398 P 19980326

## Abstract (en)

[origin: GB2333454A] This invention relates to compounds of the general formula: wherein A is a aromatic hydrocarbon ring system and R 1 is a carbon bound directly to an oxygen and is also bound to a nitrogen through a saturated carbon and wherein at least one of R 2 , R 3 and R 4 is an electron-rich substituent. The active agents are useful for treating patients suffering from infections including gram positive organisms, such as streptococcus, staphylococcus, anthracis, gram negative bacteria such as neisseria species, yeasts and mycobacterium. They are effective against strains which have shown resistance to other antimicrobial agents.

## IPC 1-7

**A61K 31/35**; **C07D 211/22**; **C07D 498/04**; **A61K 31/4458**; **A61P 31/00**; **C07C 215/28**; **C07C 215/30**

## IPC 8 full level

**A61K 31/137** (2006.01); **A61K 31/424** (2006.01); **A61K 31/4458** (2006.01); **A61K 45/00** (2006.01); **A61P 31/04** (2006.01); **A61P 31/10** (2006.01); **C07C 215/28** (2006.01); **C07C 215/30** (2006.01); **C07D 211/22** (2006.01); **C07D 498/04** (2006.01)

## CPC (source: EP)

**A61K 31/137** (2013.01); **A61K 31/4458** (2013.01); **A61P 31/00** (2017.12); **A61P 31/04** (2017.12); **A61P 31/10** (2017.12); **C07C 215/28** (2013.01); **C07C 215/30** (2013.01); **C07D 211/22** (2013.01); **C07C 2603/24** (2017.04); **C07C 2603/26** (2017.04)

## Citation (search report)

- [X] US 4327022 A 19820427 - BAILEY DENIS M
- [DX] US 5711966 A 19980127 - WOOSLEY RAYMOND [US], et al
- [X] EP 0026298 A1 19810408 - AMERICAN CYANAMID CO [US]
- [X] MOLNAR, JOSEF ET AL: "New plasmid curing compounds. Anthril and phenanthril derivatives", BIOCHEM. PHARMACOL. (1979), 28(2), 261-5, XP000982741
- [X] KIM, KI HWAN ET AL: "Quantitative structure-activity relationships in 1-aryl-2- (alkylamino)ethanol antimalarials", J. MED. CHEM. (1979), 22(4), 366-91, XP002162013
- [X] GILLESPIE, J. SAMUEL, JR. ET AL: "Antimalarials. 3. 3-Substituted 1-naphthalenemethanols", J. MED. CHEM. (1975), 18(12), 1223-7, XP002162014
- [X] CHILDS, G. E. ET AL: "Comparison of in vitro and in vivo antimalarial activities of 9-phenanthrenecarbinols", ANN. TROP. MED. PARASITOL. (1984), 78(1), 13-20, XP000982721
- See references of WO 9948461A2

## Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GR IE IT LI LU MC NL PT SE

## DOCDB simple family (publication)

**GB 2333454 A 19990728**; **GB 2333454 B 20000809**; **GB 9909183 D0 19990616**; AU 3012699 A 19991018; CA 2325689 A1 19990930; EP 1066035 A2 20010110; EP 1066035 A4 20010509; JP 2002507557 A 20020312; WO 9948461 A2 19990930; WO 9948461 A3 19991216

## DOCDB simple family (application)

**GB 9909183 A 19990325**; AU 3012699 A 19990325; CA 2325689 A 19990325; EP 99911497 A 19990325; JP 2000537515 A 19990325; US 9906494 W 19990325