

Title (en)

SUBSTITUTED BETA,GAMMA-ANELLATED LACTONES

Title (de)

SUBSTITUIERTE BETA,GAMMA-ANELLIERTE LACTONE

Title (fr)

BETA,GAMMA-LACTONES SUBSTITUEES

Publication

EP 1047685 A1 20001102 (DE)

Application

EP 99903604 A 19990105

Priority

- DE 19801647 A 19980117
- EP 9900022 W 19990105

Abstract (en)

[origin: DE19801647A1] beta , psi -Fused lactones of formula (I) and their salts are new: R1+R2 = a group of formula (i)-(vi) optionally substituted by 1-3 OH groups: R3 = H, 1-6C alkyl or 2-6C alkenyl and R4 = CH2R5, or R3 = 2-6C alkenyl and R4 = H; R5 = 6-10C aryl or 2- or 3-benzothienyl, optionally substituted by 1 or more halogen and/or 1-6C alkyl.

IPC 1-7

C07D 307/93; C07D 409/06; A61K 31/365; A61K 31/38

IPC 8 full level

C07D 307/93 (2006.01); **A61K 31/365** (2006.01); **A61K 31/381** (2006.01); **A61P 9/00** (2006.01); **A61P 25/04** (2006.01); **A61P 25/08** (2006.01); **A61P 43/00** (2006.01); **C07D 307/935** (2006.01); **C07D 409/06** (2006.01); **C07D 493/04** (2006.01)

CPC (source: EP US)

A61P 9/00 (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 307/935** (2013.01 - EP US); **C07D 409/06** (2013.01 - EP US)

Citation (search report)

See references of WO 9936417A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19801647 A1 19990722; AU 2419899 A 19990802; EP 1047685 A1 20001102; JP 2002509145 A 20020326; US 6433004 B1 20020813; WO 9936417 A1 19990722

DOCDB simple family (application)

DE 19801647 A 19980117; AU 2419899 A 19990105; EP 9900022 W 19990105; EP 99903604 A 19990105; JP 2000540133 A 19990105; US 60043000 A 20000714