

Title (en)
BISSTEROIDAL COMPOUNDS AND THEIR USE FOR THE PREPARATION OF CHIRAL COMPLEXES

Title (de)
STEROID-DIMER VERBINDUNGEN UND IHRE VERWENDUNG ZUR HERSTELLUNG CHIRALER COMPLEXEN

Title (fr)
COMPOSES BIS-STEROIDES ET LEUR UTILISATION POUR LA PREPARATION DE COMPLEXES CHIRAUX

Publication
EP 0946583 A1 19991006 (EN)

Application
EP 97954819 A 19971218

Priority

- EP 97954819 A 19971218
- EP 9707098 W 19971218
- EP 96250295 A 19961220

Abstract (en)

[origin: EP0849274A1] Bissteroidal compounds of general formula I <CHEM> in which R1 stands for hydrogen, alkyl, acyl, fluorine, and X1R5, where X1 stands for oxygen and sulfur and R5 can either be hydrogen, alkyl, aryl, R2 stands for hydrogen and alkyl; the stereochemistry of C-13, C-14 and C-17 may either be alpha or beta, X stands for oxygen, trifluormethylsulfonyloxy, or (R6)2P, where R6 can be aryl, alkyl and cycloalkyl, R3 stands for hydrogen, alkyl, aryl, trialkylsilyl, fluorine and X2R6, where X2 stands for oxygen and sulfur and R6 stands for hydrogen, trifluormethylsulfonyl, alkyl or aryl. R4 can either be a substituent in the 6 or 7 position of the steroid with the meaning of hydrogen, alkyl, aryl, fluorine, and X3R7, where X3 stands for oxygen, sulfur or trialkylsilyl and R7 stands for hydrogen, trifluormethylsulfonyl, alkyl or aryl, and the B-ring of the steroid contains none or two double bonds. Enantio- and Diastereomeric derivatives of compounds of general formula I, metal complexes thereof and their use in enantioselective reactions.

IPC 1-7
C07J 1/00; C07J 31/00; C07J 51/00

IPC 8 full level
C07J 1/00 (2006.01); **C07J 31/00** (2006.01); **C07J 51/00** (2006.01)

CPC (source: EP)
C07J 1/0055 (2013.01); **C07J 1/0077** (2013.01); **C07J 31/006** (2013.01); **C07J 51/00** (2013.01)

Citation (search report)
See references of WO 9828322A1

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

DOCDB simple family (publication)
EP 0849274 A1 19980624; AU 6205798 A 19980717; CA 2275879 A1 19980702; EP 0946583 A1 19991006; JP 2001506663 A 20010522; WO 9828322 A1 19980702

DOCDB simple family (application)
EP 96250295 A 19961220; AU 6205798 A 19971218; CA 2275879 A 19971218; EP 9707098 W 19971218; EP 97954819 A 19971218; JP 52834798 A 19971218