

Title (en)
ARYLOXY AND ARYLTHIOPROPANOLAMINE DERIVATIVES USEFUL AS BETA 3-ADRENORECEPTOR AGONISTS AND ANTAGONISTS OF THE BETA 1 AND BETA 2-ADRENORECEPTORS AND PHARMACEUTICAL COMPOSITION THEREOF

Title (de)
ARYLOXY UND ARYLTHIOPROPANOLAMINDERIVATE ALS BETA-3- ADRENORECEPTOR AGONISTEN UND ANTAGONISTEN VON BETA 1 UND BETA 2 ADRENORECEPTOREN UND DEREN PHARMAZEUTISCHE ZUSAMMENSETZUNGEN

Title (fr)
DERIVES D'ARYLOXY- ET D'ARYLTHIOPROPANOLAMINE UTILES EN TANT QU'AGONISTES D'ADRENORECEPTEURS BETA 3 ET QU'ANTAGONISTES DES ADRENORECEPTEURS BETA 1 ET BETA 2 ET COMPOSITION PHARMACEUTIQUE

Publication
EP 0772585 A1 19970514 (EN)

Application
EP 95929029 A 19950727

Priority
• EP 9503037 W 19950727
• GB 9415304 A 19940729
• GB 9423179 A 19941117
• GB 9510485 A 19950524

Abstract (en)
[origin: WO9604233A1] A compound formula (I) or a pharmaceutically acceptable salt thereof, or a pharmaceutically acceptable solvate thereof, wherein R<0> represents an aryl group optionally substituted with one, two or three substituents selected from the list consisting of: hydroxy, hydroxymethyl, nitro, amino, alkylamino, dialkylamino, alkylsulphonamido, arylsulphonamido, formamido, halogen, alkoxy and allyl; X represents O or S; R<1> and R<1a> each independently represents hydrogen or an alkyl group; R<2> represents OCH₂CO₂H, or an ester or amide thereof, or R<2> represents a moiety of formula (b), wherein R<4> represents hydrogen, alkyl, hydroxyalkyl, arylalkyl, aryloxyalkyl, aralkyloxyalkyl or cycloalkyl and R<5> represents hydroxy, alkoxy, arylalkyloxy, hydroxyalkyloxy, alkoxyalkyloxy, aryloxyalkyloxy, arylalkoxyalkyloxy or cycloalkyloxy or R<5> represents hydrogen, alkyl, substituted alkyl, cycloalkyl, aryl, arylalkyl, aryloxyalkyl, arylalkyloxyalkyl or R<5> together with OR<4> represents O(CH₂)_nO, wherein n is 2, 3 or 4; and R<3> represents hydrogen, halogen, alkyl or alkoxy or R<3> together with R<2> represents a moiety of formula (c) or an ester or amide thereof; providing that 4-[2-[2-hydroxy-3-(4-hydroxyphenoxy)propylamino]propyl]phenoxyacetic acid and salts and esters thereof and the compounds of examples 1 to 36 disclosed in EP0328251 are excluded from the scope of formula (I); a pharmaceutical composition containing such a compound, a process of preparing such a compound and the use of such a compound in medicine.

IPC 1-7
C07C 217/60; C07C 235/20; C07F 9/38; A61K 31/165; A61K 31/215; A61K 31/19; A61K 31/66; A61K 31/36; C07D 317/58

IPC 8 full level
C07D 317/58 (2006.01); **A61K 31/195** (2006.01); **A61K 31/215** (2006.01); **A61K 31/357** (2006.01); **A61K 31/36** (2006.01); **A61K 31/66** (2006.01); **A61P 1/00** (2006.01); **A61P 1/04** (2006.01); **A61P 3/00** (2006.01); **A61P 3/08** (2006.01); **A61P 9/10** (2006.01); **A61P 25/24** (2006.01); **A61P 25/26** (2006.01); **A61P 29/00** (2006.01); **A61P 43/00** (2006.01); **C07C 217/30** (2006.01); **C07C 217/34** (2006.01); **C07C 311/08** (2006.01); **C07C 311/21** (2006.01); **C07C 323/25** (2006.01); **C07D 317/46** (2006.01); **C07F 9/30** (2006.01); **C07F 9/32** (2006.01); **C07F 9/40** (2006.01)

CPC (source: EP)
A61P 1/00 (2017.12); **A61P 1/04** (2017.12); **A61P 3/00** (2017.12); **A61P 3/08** (2017.12); **A61P 9/10** (2017.12); **A61P 25/24** (2017.12); **A61P 25/26** (2017.12); **A61P 29/00** (2017.12); **A61P 43/00** (2017.12); **C07C 217/34** (2013.01); **C07D 317/46** (2013.01); **C07F 9/301** (2013.01); **C07F 9/303** (2013.01); **C07F 9/3211** (2013.01); **C07F 9/3223** (2013.01); **C07F 9/4006** (2013.01); **C07C 2601/14** (2017.04)

Citation (search report)
See references of WO 9604233A1

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

DOCDB simple family (publication)
WO 9604233 A1 19960215; AU 3254695 A 19960304; BR 9508991 A 19971021; CA 2196193 A1 19960215; CN 1159797 A 19970917; CZ 25597 A3 19980218; EP 0772585 A1 19970514; HU T76800 A 19971128; JP H10503507 A 19980331; MX 9700765 A 19970531; NO 970372 D0 19970128; NO 970372 L 19970318; PL 318381 A1 19970609

DOCDB simple family (application)
EP 9503037 W 19950727; AU 3254695 A 19950727; BR 9508991 A 19950727; CA 2196193 A 19950727; CN 95195371 A 19950727; CZ 25597 A 19950727; EP 95929029 A 19950727; HU 9700262 A 19950727; JP 50619396 A 19950727; MX 9700765 A 19950727; NO 970372 A 19970128; PL 31838195 A 19950727