

Title (en)
3- (1,2,3,4-TETRAHYDROISOQUINOLINE-2-YL)METHYL -8-AZABICYCLO 3.2.1 OCTANE DERIVATIVES, THEIR PREPARATION AND THEIR APPLICATION IN THERAPEUTICS

Title (de)
3-((1,2,3,4-TETRAHYDROISOCHINOLIN-2-YL)METHYL)-8-AZABICYCLO(3,2,1) OCTANDERIVATE, IHRE HERSTELLUNG UND THERAPEUTISCHE VERWENDUNG

Title (fr)
DERIVES DE 3- (1,2,3,4-TETRAHYDROISOQUINOLEIN-2-YL)METHYL -8-AZABICYCLO 3.2.1 OCTANE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE

Publication
EP 0892800 A1 19990127 (FR)

Application
EP 97918195 A 19970410

Priority
• FR 9700634 W 19970410
• FR 9604565 A 19960412

Abstract (en)
[origin: FR2747386A1] Compounds of general formula (I) in which each of R1, R2 and R3 represents a hydrogen or halogen atom or a hydroxy, alkyl or alkoxy group, R4 represents a hydrogen or halogen atom or an alkyl, 2-methoxyethoxy, alkoxy, cycloalkylmethoxy or phenylmethoxy group, or R3 and R4 together form a methylenedioxy group, Z represents oxygen or two hydrogen atoms and R represents an ethoxy group when Z represents oxygen, or represents a phenyl group optionally substituted by one or more halogen atoms or alkyl, alkoxy or amino groups. The compounds have a strong affinity for dopamine receptors of D2 and D3 type and for serotonin receptors of 5-HT1A and 5-HT2 type and are mixed ligands. Other compounds have a strong affinity for the dopamine receptors of D3 type and a weak affinity for the dopamine receptors of D2 type and serotonin receptors of 5-HT1A and 5-HT2 and are therefore selective and specific ligands.

IPC 1-7
C07D 451/02; **A61K 31/47**

IPC 8 full level
C07D 491/20 (2006.01); **A61K 31/47** (2006.01); **C07D 451/02** (2006.01)

CPC (source: EP KR)
A61K 31/47 (2013.01 - KR); **C07D 451/02** (2013.01 - EP KR)

Citation (search report)
See references of WO 9738998A1

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

Designated extension state (EPC)
AL LT LV RO SI

DOCDB simple family (publication)
FR 2747386 A1 19971017; **FR 2747386 B1 19980515**; AR 008587 A1 20000209; AU 2640997 A 19971107; BG 102779 A 19990930; BR 9708654 A 19990803; CA 2251335 A1 19971023; CN 1216046 A 19990505; CO 4900067 A1 20000327; CZ 326898 A3 19990113; EE 9800396 A 19990615; EP 0892800 A1 19990127; IL 126473 A0 19990817; JP 2000512620 A 20000926; KR 20000005392 A 20000125; NO 984736 D0 19981009; NO 984736 L 19981123; NZ 332257 A 19990329; PL 329243 A1 19990315; SK 141598 A3 19990312; TR 199801839 T2 19981221; TW 407158 B 20001001; WO 9738998 A1 19971023; ZA 973124 B 19971105

DOCDB simple family (application)
FR 9604565 A 19960412; AR P970101421 A 19970410; AU 2640997 A 19970410; BG 10277998 A 19980918; BR 9708654 A 19970410; CA 2251335 A 19970410; CN 97193750 A 19970410; CO 97018806 A 19970411; CZ 326898 A 19970410; EE 9800396 A 19970410; EP 97918195 A 19970410; FR 9700634 W 19970410; IL 12647397 A 19970410; JP 53679497 A 19970410; KR 19980708123 A 19981012; NO 984736 A 19981009; NZ 33225797 A 19970410; PL 32924397 A 19970410; SK 141598 A 19970410; TR 9801839 T 19970410; TW 86104625 A 19970410; ZA 973124 A 19970411