

Title (en)

AZACYCLOALCANE DERIVATIVES, PREPARATION THEREOF AND THEIR APPLICATIONS IN THERAPY

Title (de)

AZACYCLOALTANDERIVATE, IHRE HERSTELLUNG UND IHRE THERAPEUTISCHE VERWENDUNG

Title (fr)

DERIVES D'AZACYCLOALCANES, LEUR PREPARATION ET LEURS APPLICATIONS EN THERAPEUTIQUE

Publication

**EP 0823912 A1 19980218 (FR)**

Application

**EP 96913576 A 19960412**

Priority

- FR 9600555 W 19960412
- FR 9505260 A 19950503

Abstract (en)

[origin: WO9634870A1] Azacycloalcan derivatives having general formula (I) wherein R1 and R2 represent a hydrogen atom, an alkyl group or a phenyl group, or R1 and R2 form together an oxo group, R3 is a hydrogen atom or an alkyl group, or R3 forms a methylene group, R4 is an aromatic group or, when R3 forms a methylene group, R4 is a phenylene group of which a carbon atom is bound to Y and another carbon atom adjacent to the former carbon atom is bound to said methylene group, R5 is either a group OR7 where R7 is a hydrogen atom or a benzyl group, or a group N4-methyl-piperazinyl, or else a group NHR8 wherein R8 is a hydroxyl, pyridinylmethyl or phenylmethyl group, A is an optionally substituted aromatic cycle, n is 1 or 2, X is CH, O or N, and Y is CH<sub>2</sub>, O or S, their preparation process and their applications in therapy.

IPC 1-7

**C07D 495/04; A61K 31/415**

IPC 8 full level

**A61K 31/40** (2006.01); **A61K 31/403** (2006.01); **C07D 491/048** (2006.01); **A61K 31/4035** (2006.01); **A61K 31/404** (2006.01);  
**A61K 31/405** (2006.01); **A61P 3/08** (2006.01); **A61P 3/10** (2006.01); **C07D 209/42** (2006.01); **C07D 209/44** (2006.01); **C07D 217/06** (2006.01);  
**C07D 491/04** (2006.01); **C07D 491/056** (2006.01); **C07D 495/04** (2006.01)

CPC (source: EP KR US)

**A61P 3/08** (2018.01 - EP); **A61P 3/10** (2018.01 - EP); **C07D 209/44** (2013.01 - EP KR US); **C07D 217/06** (2013.01 - EP KR US);  
**C07D 491/04** (2013.01 - EP KR US); **C07D 495/04** (2013.01 - EP KR US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9634870 A1 19961107;** AR 001838 A1 19971210; AU 5652096 A 19961121; AU 699120 B2 19981119; BG 102015 A 19980831;  
BR 9608309 A 19990126; CA 2220015 A1 19961107; CO 4750652 A1 19990331; CZ 346697 A3 19980218; EE 9700288 A 19980415;  
EP 0823912 A1 19980218; FR 2733750 A1 19961108; FR 2733750 B1 19970613; HU P9903886 A2 20000328; HU P9903886 A3 20000428;  
IL 118119 A0 19960912; JP H11504913 A 19990511; KR 19990008276 A 19990125; MX 9708322 A 19980628; NO 975020 D0 19971031;  
NO 975020 L 19980105; NZ 307230 A 19981125; PL 323177 A1 19980316; SK 147897 A3 19980506; TR 199701287 T1 19980321;  
US 5869518 A 19990209; ZA 963485 B 19961125

DOCDB simple family (application)

**FR 9600555 W 19960412;** AR 33637996 A 19960502; AU 5652096 A 19960412; BG 10201597 A 19971103; BR 9608309 A 19960412;  
CA 2220015 A 19960412; CO 96021765 A 19960502; CZ 346697 A 19960412; EE 9700288 A 19960412; EP 96913576 A 19960412;  
FR 9505260 A 19950503; HU P9903886 A 19960412; IL 11811996 A 19960502; JP 53306596 A 19960412; KR 19970707802 A 19971103;  
MX 9708322 A 19971029; NO 975020 A 19971031; NZ 30723096 A 19960412; PL 32317796 A 19960412; SK 147897 A 19960412;  
TR 9701287 T 19960412; US 94557697 A 19971031; ZA 963485 A 19960502