

Title (en)  
CYCLOCARBAMATE DERIVATIVES AS PROGESTERONE RECEPTOR MODULATORS

Title (de)  
CYCLOCARBAMATDERIVATE ALS PROGESTERON-REZEPTORMODULATOREN

Title (fr)  
DERIVES DE CYCLOCARBAMATE UTILISES COMME MODULATEURS DU RECEPTEUR DE PROGESTERONE

Publication  
**EP 1173426 A1 20020123 (EN)**

Application  
**EP 00928689 A 20000501**

Priority  
• US 0011822 W 20000501  
• US 18301299 P 19990504  
• US 55263300 A 20000419

Abstract (en)  
[origin: CA2371726A1] This invention provides compounds of Formula (I) wherein R1 and R2 may be single substituents or fused to form spirocyclic or heterospirocyclic rings; R3 is H, OH, NH2, C1 to C6 alkyl, substituted C1 to C6 alkyl, C3 to C6 alkenyl, substituted C1 to C6 alkenyl, alkynyl, or substituted alkynyl, CORC ; RC is H, C1 to C3 alkyl, substituted C1 to C3 alkyl, aryl, substituted aryl, C1 to C3 alkoxy , substituted C1 to C3 alkoxy, C1 to C3 aminoalkyl, or substituted C1 to C3 aminoalkyl; R4 is H, halogen, CN, NO2, C1 to C6 alkyl, substituted C1 to C6 alkyl, alkynyl, or substituted alkynyl, C1 to C6 alkoxy , substituted C1 to C6 alkoxy, substituted C1 to C6 alkoxy, amino, C1 to C6 aminoalkyl, or substituted C1 to C6 aminoalkyl; and R5 is selected from a trisubstituted benzene ring of a five or six membered ring with 1, 2, or 3 heteroatoms from the group including O, S, SO, SO2 or NR6 and containing one or two independent substituents from the group including H, halogen, CN, NO2 , amino, and C1 to C3 alkyl, C1 to C3 alkoxy, C1 to C3 aminoalkyl, CORF, or NRGCORF; or pharmaceutically acceptable salt thereof, as well as pharmaceutical compositions and methods using the compounds as antagonists of the progesterone receptor.

IPC 1-7  
**C07D 265/18**; **C07D 413/04**; **C07D 417/04**; **C07D 413/10**; **A61K 31/536**; **A61P 15/00**; **A61P 35/00**

IPC 8 full level  
**A61K 31/536** (2006.01); **A61K 31/537** (2006.01); **A61P 15/18** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07D 265/18** (2006.01); **C07D 413/04** (2006.01); **C07D 265/12** (2006.01); **C07D 413/10** (2006.01); **C07D 417/04** (2006.01); **C07F 9/6533** (2006.01)

CPC (source: EP KR)  
**C07D 265/18** (2013.01 - EP KR); **C07D 413/04** (2013.01 - EP KR); **C07D 413/10** (2013.01 - EP KR); **C07D 417/04** (2013.01 - EP KR)

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

DOCDB simple family (publication)  
AU 4688600 A 20001117; AU 766428 B2 20031016; BG 106079 A 20020531; BR 0010213 A 20020219; CA 2371726 A1 20001109; CN 1145618 C 20040414; CN 1349517 A 20020515; CZ 20013951 A3 20020515; EA 004512 B1 20040429; EA 200101176 A1 20020425; EP 1173426 A1 20020123; HU P0201609 A2 20020828; HU P0201609 A3 20021228; IL 146280 A0 20020725; JP 2002543193 A 20021217; KR 20010114250 A 20011231; MX PA01011286 A 20030714; NO 20015378 D0 20011102; NO 20015378 L 20020103; NO 321361 B1 20060502; NZ 515355 A 20040227; PL 351127 A1 20030324; SG 114650 A1 20050928; SK 15912001 A3 20020604; TR 200103286 T2 20020722

DOCDB simple family (application)  
AU 4688600 A 20000501; BG 10607901 A 20011102; BR 0010213 A 20000501; CA 2371726 A 20000501; CN 00807100 A 20000501; CZ 20013951 A 20000501; EA 200101176 A 20000501; EP 00928689 A 20000501; HU P0201609 A 20000501; IL 14628000 A 20000501; JP 2000615601 A 20000501; KR 20017013970 A 20011101; MX PA01011286 A 20000501; NO 20015378 A 20011102; NZ 51535500 A 20000501; PL 35112700 A 20000501; SG 200400080 A 20000501; SK 15912001 A 20000501; TR 200103286 T 20000501