

Title (en)  
PHENOXYBENZYLAMINE DERIVATIVES AS SELECTIVE SEROTONIN RE-UPTAKE INHIBITORS

Title (de)  
PHENOXYBENZYLAMINDERIVATE ALS SELEKTIVE SEROTONIN-REUPTAKE-INHIBITOREN

Title (fr)  
DERIVES DE LA PHENOXYBENZYLAMINE INHIBITEURS SELECTIFS DU RECAPTAGE DE LA SEROTONINE

Publication  
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Application  
**EP 01956734 A 20010822**

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Abstract (en)  
[origin: WO0218333A1] A compound of general formula (I) wherein R<1> and R<2> are H, C1-C6alkyl or (CH2)d(C3-C6cycloalkyl) wherein d = 0, 1, 2 or 3; or R<1> and R<2> together with the nitrogen to which they are attached from an azetidine ring; Z or Y is -SR<3> and the other Z or Y is halogen or -R<3>; wherein R<3> is C1-C4 alkyl optionally substituted with fluorine; except that R<3> is not CF3; or Z and Y are linked so that, together with the interconnecting atoms, Z and Y form a fused 5 to 7-membered carbocyclic or heterocyclic ring, and wherein when Z and Y form a heterocyclic ring, in addition to carbon atoms, the linkage contains one or two heteroatoms independently selected from oxygen, sulfur and nitrogen; R<4> and R<5>, which may be the same or different, are: A-X, wherein A = -CH=CH- or -(CH2)p- where p is 0, 1 or 2; X is hydrogen, F, Cl, Br, I, CONR<6>R<7>, SO2NR<6>R<7>, SO2NHC(=O)R<6>, OH, C1-4alkoxy, NR<8>SO2R<9>, NO2, NR<6>R<11>, CN, CO2R<10>, CHO, SR<10>, S(O)R<9> or SO2R<10>; or a 5- or 6-membered heterocyclic ring containing 1, 2 or 3 heteroatoms selected from N, S and O, optionally substituted independently by one or more R<13>; wherein R<13> is hydroxy, C1-C4alkoxy, F, C1-C6alkyl, haloalkyl, haloalkoxy, -NH2, NH(C1-C6alkyl) or -N(C1-C6alkyl)2. The compounds of general formula (I) inhibit monoamine reuptake and in particular exhibit activity as selective serotonin reuptake inhibitors.

IPC 1-7  
**C07C 323/20**; C07D 333/54; C07D 327/06; C07D 307/87; C07D 333/72; C07C 311/37; C07D 215/18; C07D 239/74; C07D 277/62; A61K 31/18; A61K 31/38; A61K 31/39; A61K 31/34; A61K 31/135; A61K 31/47

IPC 8 full level  
**A61K 31/135** (2006.01); **A61K 31/137** (2006.01); **A61K 31/166** (2006.01); **A61K 31/18** (2006.01); **A61K 31/192** (2006.01); **A61K 31/24** (2006.01); **A61K 31/275** (2006.01); **A61K 31/343** (2006.01); **A61K 31/381** (2006.01); **A61K 31/39** (2006.01); **A61K 31/428** (2006.01); **A61K 31/47** (2006.01); **A61K 31/517** (2006.01); **A61P 15/00** (2006.01); **A61P 15/10** (2006.01); **A61P 25/00** (2006.01); **A61P 25/24** (2006.01); **A61P 25/30** (2006.01); **A61P 43/00** (2006.01); **C07C 303/38** (2006.01); **C07C 311/08** (2006.01); **C07C 311/37** (2006.01); **C07C 319/20** (2006.01); **C07C 323/20** (2006.01); **C07D 215/20** (2006.01); **C07D 239/74** (2006.01); **C07D 277/62** (2006.01); **C07D 307/87** (2006.01); **C07D 327/06** (2006.01); **C07D 333/54** (2006.01); **C07D 333/72** (2006.01)

IPC 8 main group level  
**A61K** (2006.01); **C07C** (2006.01); **C07D** (2006.01)

CPC (source: EP KR)  
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