Title (en)

QUINOLINE-4-CARBOXAMIDE DERIVATIVES AS NK-3 AND NK-2 RECEPTOR ANTAGONISTS

Title (de)

CHINOLIN-4-CARBOXAMIDDERIVATE ALS NK-3 UND NK-2 REZEPTOR ANTAGONISTEN

Title (fr)

DERIVES DE QUINOLINE-4-CARBOXAMIDE UTILISES COMME ANTAGONISTES DES RECEPTEURS NK-3 ET NK-2

Publication

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Application

EP 99961001 A 19991119

Priority

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Abstract (en)

[origin: WO0031037A1] A compound, or a solvate or a salt thereof, of formula (I): wherein, Ar is an optionally substituted aryl or a C5-7 cycloalkdienyl group, or an optionally substituted C5-7 cycloalkyl group, or an optionally substituted single or fused ring aromatic heterocyclic group; R is hydrogen, linear or branched C1-6 alkyl, C3-7 cycloalkyl, C3-7 cycloalkylalkyl, R1 represents hydrogen or up to three optional substituents selected from the list consisting of: C1-6 alkyl, C1-6 alkenyl, aryl, C1-6 alkoxy, hydroxy, halogen, nitro, cyano, carboxy, carboxamido, sulphonamido, C1-6 alkoxycarbonyl, trifluoromethyl, acyloxy, amino or mono- and di-C1-6 alkylamino; R2 represents a moiety -(CH2)n-NY1Y2 wherein n is an integrer in the range of from 1 to 9, Y1 and Y2 are independently selected from C1-6- alkyl; C1-6 alkyl substituted with hydroxy, alkoxy, C1-6 alkylamino or bis (C1-6 alkyl)amino; C3-6 cycloalkyl; C4-6 azacycloalkyl; C1-6-alkenyl; aryl or aryl-C1-6-alkyl or Y1 and Y2 together with the nitrogen atom to which they are attached represent an optionally substituted N-linked single or fused ring heterocyclic group; R3 is branched or linear C1-6 alkyl, C3-7 cycloalkyl, C4-7 cycloalkylalkyl, optionally substituted aryl, or an optionally substituted single or fused ring aromatic heterocyclic group; and R4 represents hydrogen or C1-6 alkyl, R5 represents hydrogen or halogen; a process for preparing such compounds, a pharmaceutical composition comprising such compounds and the use of such compounds and composition in medicine.

IPC 1-7

C07D 215/52; A61K 31/47; C07D 401/06; C07D 471/10; C07D 401/12; C07D 401/14; C07D 487/04; C07D 491/10; C07D 487/10; C07D 413/10; C07D 417/12

IPC 8 full level

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