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(54) Title: **QUINOLINE-4-CARBOXAMIDE DERIVATIVES, THEIR PREPARATION AND THEIR USE AS NEUROKININ 3 (NK-3)- AND NEUROKININ 2 (NK-2) RECEPTOR ANTAGONISTS.**

(57) Abstract

A compound of formula (I), or a salt thereof, or a solvate thereof, wherein, Ar is an optionally substituted aryl or a C₅₋₇ cycloalkdienyl group, or an optionally substituted single or fused ring aromatic heterocyclic group; R is C₁₋₆ alkyl, C₃₋₇ cycloalkyl, C₃₋₇ cycloalkylalkyl, optionally substituted phenyl or phenyl C₁₋₆ alkyl, an optionally substituted five-membered heteroaromatic ring comprising up

to four heteroatoms selected from O and N, hydroxy C₁₋₆ alkyl, amino C₁₋₆ alkyl, C₁₋₆ alkylaminoalkyl, di C₁₋₆ alkylaminoalkyl, C₁₋₆ acylaminoalkyl, C₁₋₆ alkoxyalkyl, C₁₋₆ alkylcarbonyl, carboxy, C₁₋₆ alkoxy carbonyl, C₁₋₆ alkoxy carbonyl C₁₋₆ alkyl, aminocarbonyl, C₁₋₆ alkylaminocarbonyl, di C₁₋₆ alkylaminocarbonyl, halogeno C₁₋₆ alkyl; or R is a group -(CH₂)_p wherein p is 2 or 3 which group forms a ring with a carbon atom of Ar; R₁ represents hydrogen or up to four 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 alkoxy carbonyl, trifluoromethyl, acyloxy, phthalimido, amino or mono- and di-C₁₋₆ alkylamino; R₂ represents hydrogen, C₁₋₆ alkyl, hydroxy, halogen, cyano, amino, mono- or di-C₁₋₆ alkylamino, alkylsulphonylamino, mono- or di-C₁₋₆ alkanoylamino wherein any alkyl group is optionally substituted with an amino group or with a mono- or di-alkylamino group, or R₂ is a moiety -X-(CH₂)_n-Y wherein X is a bond or -O- and n is an integer in the range of from 1 to 5 providing that when X is O-n is only an integer from 2 to 5 and Y represents a group NY₁Y₂ wherein Y₁ and Y₂ are independently selected from hydrogen, C₁₋₆ alkyl, C₁₋₆ alkenyl, aryl or aryl-C₁₋₆ alkyl or Y is hydroxy, halogen or 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.

