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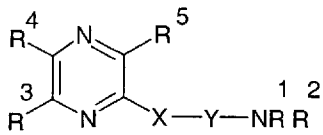
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(54) Title: 5, 6-DIARYL-PYRAZINE-2-AMIDE DERIVATIVES AS CB1 ANTAGONISTS



(I)

(57) Abstract: The present invention relates to compounds of formula (I), and pharmaceutically acceptable salts, prodrugs, solvates and crystalline forms thereof, in which R^1 and R^2 independently represent: a C_{1-6}alkyl group; an optionally substituted (amino)C_{1-4}alkyl- group; an optionally substituted non-aromatic C_{3-15}carbocyclic group; a (C_{3-12}cycloalkyl)C_{1-3}alkyl- group; a group -$(CH_2)_r$(phenyl)$_s$ in which r is 0,1, 2, 3 or 4, s is 1 when r is 0 otherwise s is 1 or 2 and the phenyl groups are optionally independently substituted by Z; naphthyl; anthracenyl; an optionally substituted saturated 5 to 8 membered heterocyclic group containing one nitrogen and optionally one of the following : oxygen, sulphur or an additional nitrogen; 1-adamantylmethyl; a group - $(CH_2)_t$ Het in which t is 0,1, 2, 3 or 4, and the alkylene chain is optionally substituted and Het represents an optionally substituted aromatic heterocycle; or R^1 represents H and R^2 is as defined above; or R^1 and R^2 together with the nitrogen atom to which they are attached represent a saturated optionally substituted 5 to 8 membered heterocyclic group as defined above; X is CO or SO_2 ; Y is absent or represents NH optionally substitututed by a C_{1-3}alkyl group; R^3 and R^4 independently represent phenyl, thienyl or pyridyl substituted by Z; Z represents a C_{1-3}alkyl group, a C_{1-3}alkoxy group, hydroxy, halo,trifluoromethyl, trifluoromethylthio, trifluoromethoxy, trifluoromethylsulphonyl, nitro, amino, mono or di C_{1-3}alkylamino, mono or di C_{1-3}alkylamido, C_{1-3}alkylsulphonyl, C_{1-3}alkoxycarbonyl, carboxy, cyano, carbamoyl, mono or di C_{1-3}alkyl carbamoyl, sulphamoyl and acetyl; and R^5 is H, a C_{1-3}alkyl group, a C_{1-3}alkoxymethyl group, trifluoromethyl, a hydroxyC_{1-3}alkyl group, C_{1-3}alkoxycarbonyl, carboxy, cyano, carbamoyl, mono or di C_{1-3}alkylcarbamoyl, acetyl, or hydrazinocarbonyl of formula -CONHNR^{a}R^b; with the provisos; and processes for preparing such compounds, their use in the treatment of obesity, psychiatric and neurological disorders, to methods for their therapeutic use and to pharmaceutical compositions containing them.

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