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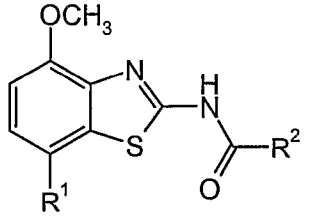
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(54) Title: 7-([1,4]DIOXAN-2-YL)-BENZOTHIAZOLE DERIVATIVES AS ADENOSINE RECEPTOR LIGANDS



(I)

(57) Abstract: The present invention relates to compounds of the general formula wherein R^1 is a dioxan group as described in claim 1 and R^2 is unsubstituted or substituted -$(CH_2)_n$-pyridin-2,3 or 4-yl; or is unsubstituted or mono- or di-substituted -$(CH_2)_n$-PiPeridine- 1-yl; or is unsubstituted or mono-or di-substituted -$(CH_2)_n$-phenyl; or is benzof [1.3] dioxol-5-yl; or -$(CH_2)_n$-morpholinyl; or -$(CH_2)_n$ -tetrahydropyran-4-yl; or -$(CH_2)_n$ -O-lower alk-yl; or -$(CH_2)_n$,-cycloalkyl; or -$(CH_2)_n$ -C(0)-NR'R"; or -$(CH_2)_n$ -2-oxo-pyrrolidin-1-yl; or -$(CH_2)_n$ NRR"; or -2-oxa-5-aza-icyclo[2.2.1]heptane 5-yl; or -l-oxa-8-aza-spiro[4.5]decane-8-yl; and R'and R" are independently from each other lower alkyl, '$(CH_2)_o$ -O-lower alkyl, mono- or disubstituted cycloalkyl; and n is 0, 1, 2 or 3; m is 0 or 1; and o is 1 or 2; and to pharmaceutically acceptable acid addition salts thereof It has been found that the compounds of general formula I are adenosine receptor ligands with a good affinity to the A_{2A}-receptor and a high selectivity to the A_1- and A_3 receptors.