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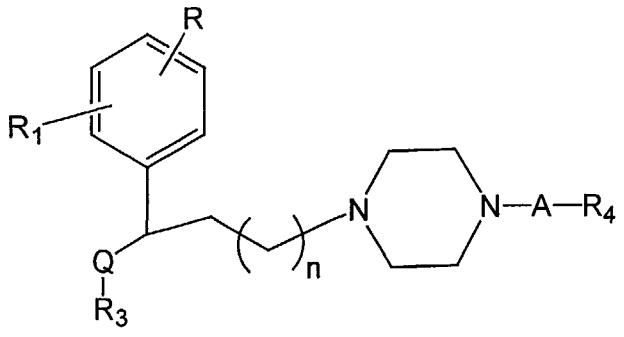
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(54) Title: 1-PHENYLALKYL-PIPERAZINES



(I)

(57) Abstract: Compounds of formula (I) (R and R_1 are a wide range of substituents, Q is CO, CHOH or $CHOR_2$, R_2 is alkyl, alkenyl, alkynyl or cycloalkyl group, each of which is optionally substituted, or is alkanoyl, alkanoyoxy, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, aminothiocarbonyl, alkylaminothiocarbonyl or dialkylaminothiocarbonyl, R_3 is H, alkyl, -alkenyl, alkynyl, cycloalkyl, aryl or heterocyclic group, each of which is optionally substituted, n is 1 or 2, A is a bond or a methylene or ethylene group and R_4 is an aryl or heteroaryl group, either of which is optionally substituted) have affinity for serotoninergic receptors. These compounds and their enantiomers, diastereoisomers, N-piperazine oxides, polymorphs, solvates and pharmaceutically acceptable salts are useful in the treatment of patients with neuromuscular dysfunction of the lower urinary tract and diseases related to 5-HT_{1A} receptor activity.

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