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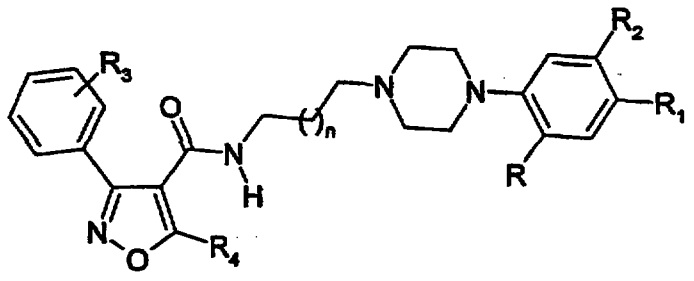
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(54) Title: ISOXAZOLECARBOXAMIDE DERIVATIVES



(I)

(57) Abstract: Isoxazolecarboxamide derivatives (I) (R=alkyl, alkoxy, polyfluoroalkoxy, OH or CF_3SO_2O; each of R_1 and R_2 independently =H, halogen, polyfluoroalkoxy or alkoxy; R_3 = one or more substituents selected from H, halogen, alkyl, alkoxy, NO_2, NH_2, NHacyl, CN, alkoxycarbonyl, carboxamido; R_4 = H, alkyl or aralkyl; an n is 0, 1 or 2) and their N-oxides and pharmaceutically acceptable salts are endowed with adrenergic antagonist activity and high selectivity toward the α_{1a} adrenergic receptor with respect to the 5-HT_{1A} receptor. This activity profile suggests the use of these derivatives in the treatment of obstructive syndromes of the lower urinary tract, including BPH, without side effects associated with hypotensive activity being present.

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