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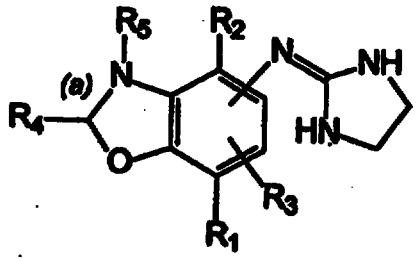
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(54) Title: 2–IMIDAZOLINYLAMINOBENZOXAZOLE COMPOUNDS USEFUL AS ALPHA–2 ADRENOCEPTOR AGONISTS

(57) Abstract

This invention involves compounds having structure (I) wherein: a) R_1, R_2 and R_3 are each independently selected from hydrogen; unsubstituted C_1–C_3 alkanyl, alkenyl or alkynyl; cycloalkanyl, cycloalkenyl; unsubstituted C_1–C_3 alkylthio or alkoxy; hydroxy; thio; nitro; cyano; amino; C_1–C_3 alkylamino or C_1–C_3 dialkylamino and halo; b) R_4 is selected from hydrogen; unsubstituted C_1–C_3 alkanyl; amino, hydroxy, mercapto; C_1–C_3 alkylthio or alkoxy; C_1–C_3 alkylamino or C_1–C_3 dialkylamino and halo; c) R_5 is hydrogen; or alkyl or nil; d) where R_5 is nil, bond *(a)* is a double bond; e) the imidazolinylamino moiety is attached to the 5– or 6– position of the benzoxazole ring; and enantiomers, optical isomers, stereoisomers, diastereomers, tautomers, addition salts, biohydrolyzable amides and esters thereof, as well as pharmaceutical compositions comprising such novel compounds. The invention also relates to the use of such compounds for preventing or treating disorders modulated by alpha–2 adrenoceptors.



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