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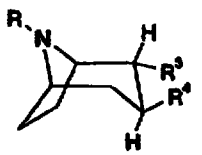
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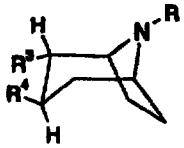
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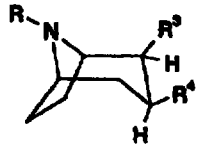
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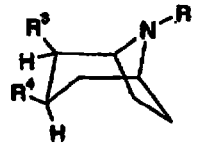
(57) Abstract

The present invention discloses compounds of formula (a), (b), (c) or (d), or any mixture thereof, or a pharmaceutically acceptable salt thereof; wherein R is hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl or 2-hydroxyethyl; R^3 is $-CH_2-X-R'$, wherein X is O, S or NR", wherein R" is hydrogen, or alkyl and R' is alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, or -CO-alkyl; R^4 is phenyl which may be substitued one or more times with substituents selected from the group consisting of halogen, CF_3, CN, alkoxy, cycloalkoxy, alkyl, cycloalkyl, alkenyl, alkynyl, amino, nitro, heteroaryl and aryl; 3,4-methylenedioxyphenyl; benzyl which may be substituted one or more times with substituents selected from the group consisting of halogen, CF_3, CN, alkoxy, cycloalkoxy, alkyl, cycloalkyl, alkenyl, alkynyl, amino, nitro, heteroaryl and aryl; heteroaryl which may be substitued one or more times with substituents selected from the group consisting of halogen, CF_3, CN, alkoxy, cycloalkoxy, alkyl, cycloalkyl, alkenyl, alkynyl, amino, nitro, heteroaryl and aryl; or naphthyl which may be substituted one or more times with substituents selected from the group consisting of halogen, CF_3, CN, alkoxy, cycloalkoxy, alkyl, cycloalkyl, alkenyl, alkynyl, amino, nitro, heteroaryl and aryl. The compounds possess valuable pharmaceutical properties as monoamine neurotransmitter, i.e. dopamine, serotonin, noradrenaline, reuptake inhibitors.


(a)


(b)


(c)


(d)