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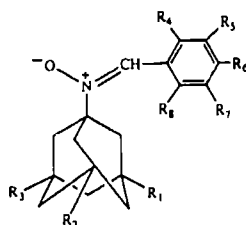
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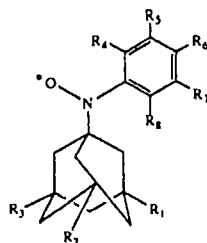
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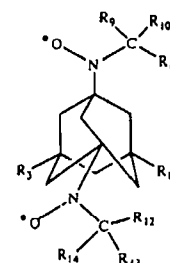
(54) Title: ANTIOXIDANT NITROXIDES AND NITRONES AS THERAPEUTIC AGENTS



(I)



(II)



(III)

(57) Abstract: The invention provides novel adamantane compounds having one of the following formulas wherein R₁ and R₃ are H, OH, alkyl, cycloalkyl, amino or aryl, and can be the same or different; R₂ is H, NH₂, alkyl, OH, COOH, amino, amide, or carbamate; R₄-R₈ are H, OH, NH₂, alkyl, OH, COOH, ester, amino, amide, or alkoxy, and can be the same or different; R₉-R₁₄ are H, alkyl, or phenyl, and can be the same or different; and wherein when any of R₁-R₈ is amino, the compounds are the free bases and their acid addition salts. The present invention also relates to the use of compositions and methods for treating and/or preventing neurological and inflammatory disorders in a patient by administering a therapeutically effective amount of the compounds of formula (I), (II) or (III) and a pharmaceutically acceptable carrier.

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