ABSTRACT

METHODS OF TREATING GASTROINTESTINAL AND GENITOURINARY PAIN DISORDERS USING VINLAFAXIN AND DERIVATIVES

This invention provides a method of treating functional gastrointestinal and genitourinary disorders in a mammal by administering to the mammal an effective amount of hydroxycycloalkane phenethylamine of the following structural formula (I) in which A is a moiety of the formula (II) where the dotted line represents optional unsaturation; R_1 is hydrogen or alkyl; R_2 is alkyl; R_4 is hydrogen, alkyl, formyl, or alkanol; R_5 and R_6 are, independently, hydrogen, hydroxyl, alkyl, alkoxy, alkanoyloxy, cyano, nitro, alkylmercapto, amino, alkylamino, dialkylamino, alkanamido, halo, trifluoromethyl, or taken together, methylene dioxy; R_7 is hydrogen or alkyl; and n is 0, 1, 2, 3, or 4, or a pharmaceutically acceptable salt thereof.

No Figure

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