

Title (en)
SUBSTITUTED NAPHTHOXAZINES USEFUL AS DOPAMINERGICS.

Title (de)
SUBSTITUIERTE NAPHTHOXAZINE ALS DOPAMINERGE MITTEL.

Title (fr)
NAPHTHOXAZINES SUBSTITUEES UTILES COMME DOPAMINERGIQUES.

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Application
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Abstract (en)
[origin: WO9119719A1] The present invention comprises the compounds selected from the group of compounds represented by formula (1), wherein R1 and R2 are selected from the group consisting of H and OA, wherein A is H or is selected from the group consisting of hydrocarbyl radicals having from 1 to about 12 carbon atoms, or A is -COR5, -CONHR5, or -COOR5, wherein R5 is selected from the group consisting of hydrocarbyl radicals having between 1 and about 12 carbon atoms and wherein R1, R2 and R5 are optionally substituted with one or more halogen atoms; X is selected from the group consisting of CH2, oxygen, sulfur, NH or NR3, wherein R3 is a lower alkyl radical having from 1 to about 4 carbon atoms; R4 is selected from the group consisting of H, R3, COOR6, and -(CH2)n2-CH(R7)-Ar, wherein R6 is H or R3, n is 0 or an integer of from 1 to about 4, R7 is selected from the group consisting of R3, OR3, OCOR3 and H, and Ar is selected from the group consisting of radicals represented by general formulae: (a), (b), (c), (d), (e), (f), (g), wherein Y is selected from the group consisting of hydroxy, nitro, cyano, azido, amino, acylamino, carboxyamido, trifluoromethyl, sulfate, sulfonamido, halogen, hydrocarbyl and heteroatom-substituted hydrocarbyl radicals, wherein said heteroatoms are selected from the group consisting of halogen, nitrogen, oxygen, sulfur, and phosphorous and said hydrocarbyl radicals comprise from 1 to about 12 carbon atoms, a is 0 or an integer of from 1 to 2, W is oxygen, sulfur or nitrogen and Z represents two hydrogen radicals, oxygen or sulfur; with the proviso that when Z represents 2 hydrogen radicals, then R4 cannot be H, and pharmaceutical compositions comprising said compounds and a pharmaceutically-acceptable vehicle. Said compounds and compositions are effective for inducing a dopaminergic response in a subject, e.g., a mammal, and are useful for alleviating glaucoma, parkinsonism, etc., and inducing weight loss.

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