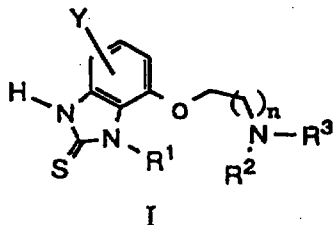




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(21) International Application Number: PCT/US98/00612 (22) International Filing Date: 13 January 1998 (13.01.98) (30) Priority Data: 08/802,651 18 February 1997 (18.02.97) US (71) Applicant: AMERICAN HOME PRODUCTS CORPORATION [US/US]; Five Giralda Farms, Madison, NJ 07940-0974 (US). (72) Inventors: NELSON, James, Albert; 7 Decision Way West, Washington Crossing, PA 18977 (US). MEWSHAW, Richard, Eric; 21 Boxwood Drive, Princeton, NJ 08540 (US). SHAH, Uresh, Shantilal; 3 Kinglet Drive North, Cranbury, NJ 08512 (US). (74) Agents: ALICE, Ronald, W.; American Home Products Corporation, One Campus Drive, Parsippany, NJ 07054 (US) et al.		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: 4-AMINOALKOXY-1,3-DIHYDROBENZOIMIDAZOL-2-THIONES DERIVATIVES, THEIR PREPARATION AND THEIR USE AS DOPAMINE AUTORECEPTOR (D2) AGONISTS		
(57) Abstract This invention relates to a novel series of compounds having potency at the dopamine D₂ receptor which are illustrated by formula (I) wherein R¹ is hydrogen or C₁-C₆ alkyl; R² is hydrogen or C₁-C₆ alkyl; R³ is selected from hydrogen, straight-chain and branched alkyl group having up to 10 carbon atoms, cyclohexylmethyl or -(CH₂)_mAr where Ar is phenyl, naphthyl, thienyl, furanyl or pyridinyl, each optionally substituted by one or two substituents selected independently from C₁-C₆ alkyl, halogen, C₁-C₆ alkoxy and trifluoromethyl; or NR²R³ is 1,2,3,4-tetrahydroquinolin-1-yl or 1,2,3,4-tetrahydroisoquinolin-2-yl; m is 1-5; n is 1 or 2; Y is halogen, C₁-C₆ alkyl, and C₁-C₆ alkoxy; or a pharmaceutically acceptable salt thereof.  I		