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(21) International Application Number: PCT/US99/28837 (22) International Filing Date: 6 December 1999 (06.12.99) (30) Priority Data: 09/208,561 9 December 1998 (09.12.98) US (71) Applicant: AMERICAN HOME PRODUCTS CORPORATION [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US). (72) Inventors: BLOOM, Jonathan, David; Apartment 4P, 103 Gedney Street, Nyack, NY 10960 (US). CURRAN, Kevin, Joseph; Apartment 6, 80 Burd Street, Nyack, NY 10960 (US). DiGRANDI, Martin, Joseph; 4 Garnet Lane, Congers, NY 10920 (US). DUSHIN, Russell, George; 667 Route 9D, Garrison, NY 10524 (US). LANG, Stanley, Albert; 7 Colony Drive, Blauvelt, NY 10913 (US). NORTON, Emily, Boucher; 41B North Broadway, Nyack, NY 10960 (US). ROSS, Adma, Antonia; 65 Campbell Avenue, Suffern, NY 10901 (US). O'HARA, Bryan, Mark; 124 Railroad Avenue, Pearl River, NY 10965 (US).		(74) Agents: BARRETT, Rebecca, R.; American Home Products Corporation, Patent Law Dept. - 2B, One Campus Drive, Parsippany, NJ 07054 (US) et al. (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: THIOUREA INHIBITORS OF HERPES VIRUSES (1) (57) Abstract Compounds of formula (I), wherein R₁-R₅ are independently selected from hydrogen, alkyl of 1 to 6 carbon atoms, alkenyl of 2 to 6 carbon atoms, alkynyl of 2 to 6 carbon atoms, perhaloalkyl of 1 to 6 carbon atoms, cycloalkyl of 3 to 10 carbon members, aryl, heteroaryl, halogen, -CN, -NO₂, -CO₂R₆, -COR₆, -OR₆, -SR₆, -SOR₆, -SO₂R₆, -CONR₇R₈, -NR₆N(R₇R₈), -N(R₇R₈) or W-Y-(CH₂)_n-Z provided that at least one of R₁-R₅ is not hydrogen; or R₂ and R₃ or R₃ and R₄, taken together form a 3 to 7 membered heterocycloalkyl or 3 to 7 membered heteroaryl; R₆ and R₇ are independently hydrogen, alkyl of 1 to 6 carbon atoms, perhaloalkyl of 1 to 6 carbon atoms, or aryl; R₈ is hydrogen, alkyl of 1 to 6 carbon atoms, perhaloalkyl of 1 to 6 carbon atoms, cycloalkyl of 3 to 10 carbon atoms, heterocycloalkyl of 3 to 10 members, aryl or heteroaryl, or R₇ and R₈, taken together may form a 3 to 7 membered heterocycloalkyl; R₉-R₁₂ are independently hydrogen, alkyl of 1 to 4 carbon atoms, perhaloalkyl of 1 to 4 carbon atoms, halogen, alkoxy of 1 to 4 carbon atoms, or cyano, or R₉ and R₁₀ or R₁₁ and R₁₂ may be taken together to form aryl of 5 to 7 carbon atoms; provided that at least one of R₉-R₁₂ is not hydrogen; W is O, NR₆, or is absent; Y is -(CO)- or -(CO₂)-, or is absent; Z is alkyl of 1 to 4 carbon atoms, -CN, -CO₂R₆, COR₆, -CONR₇R₈, -OCOR₆, -NR₆COR₇, -OCONR₆, -OR₆, -SR₆, -SOR₆, -SO₂R₆, SR₆N(R₇R₈), -N(R₇R₈) or phenyl; G is aryl or fused bicyclic heteroaryl; and X is a bond, -NH, alkyl of 1 to 6 carbon atoms, alkenyl of 1 to 6 carbon atoms, alkoxy of 1 to 6 carbon atoms, thioalkyl of 1 to 6 carbon atoms, alkylamino of 1 to 6 carbon atoms, or (CH₂)J; J is alkyl of 1 to 6 carbon atoms, cycloalkyl of 3 to 7 carbon atoms, phenyl or benzyl; and n is an integer from 1 to 6, in the treatment of diseases associated with herpes viruses including human cytomegalovirus, herpes simplex viruses, Epstein-Barr virus, varicella-zoster virus, human herpesviruses-6 and -7, and Kaposi herpes virus.		