



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07C 233/62, 233/63, 279/16, A61K 31/55, 31/16, 31/215	A1	(11) International Publication Number: WO 99/14185 (43) International Publication Date: 25 March 1999 (25.03.99)
(21) International Application Number: PCT/US98/19355 (22) International Filing Date: 15 September 1998 (15.09.98) (30) Priority Data: 60/059,308 17 September 1997 (17.09.97) US 60/060,195 26 September 1997 (26.09.97) US 08/938,644 26 September 1997 (26.09.97) US (71) Applicant (for all designated States except US): GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BISCHOFBERGER, Norbert, W. [AT/US]; 105 Glasgow Lane, San Carlos, CA 94070 (US). DAHL, Terrence, C. [GB/US]; 1646 Kennewick Drive, Sunnyvale, CA 94087 (US). HITCHCOCK, Michael, J., M. [GB/US]; 50 Lakewood Circle, San Mateo, CA 94402 (US). KIM, Choung, U. [US/US]; 1750 Elizabeth Street, San Carlos, CA 94070 (US). LEW, Willard [US/US]; 717 Guildford Avenue, San Mateo, CA 94402 (US). LIU, Hongtao [CN/US]; 1354 Marlin Avenue, Foster City, CA 94404 (US). MILLS, Roger, G. [US/US]; 2260 Tioga Drive, Menlo Park, CA 94025 (US). WILLIAMS, Matthew, A.		[US/US]; Apartment #C, 1077 Foster City Boulevard, Foster City, CA 94404 (US). (74) Agents: BOSSE, Mark, L. et al.; Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, CA 94404 (US). (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, GM, HR, HU, ID, 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, US, 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, 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). 200000812-8 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: COMPOUNDS CONTAINING SIX-MEMBERED RINGS, PROCESSES FOR THEIR PREPARATION, AND THEIR USE AS MEDICAMENTS (57) Abstract Novel compounds are described. The compounds generally comprise an acidic group, a basic group, a substituted amino or N-acyl and a group having an optionally hydroxylated alkane moiety. Pharmaceutical compositions comprising the inhibitors of the invention are also described. Methods of inhibiting neuraminidase in samples suspected of containing neuraminidase are also described. Antigenic materials, polymers, antibodies, conjugates of the compounds of the invention with labels, and assay methods for detecting neuraminidase activity are also described.		