

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 June 2007 (21.06.2007)

PCT

(10) International Publication Number
WO 2007/070556 A3

(51) International Patent Classification:

C07D 207/16 (2006.01) C07D 409/12 (2006.01)
C07D 209/18 (2006.01) C07D 413/12 (2006.01)
C07D 401/12 (2006.01) C07D 417/12 (2006.01)
C07D 403/12 (2006.01) A61K 31/40 (2006.01)
C07D 405/12 (2006.01) A61P 31/12 (2006.01)

(74) Agents: **FLICK, Karen, E.** et al.; FOLEY & LARDNER LLP, 1530 PAGE MILL ROAD, Palo Alto, CA 94304-1125 (US).

(21) International Application Number:

PCT/US2006/047503

(22) International Filing Date:

12 December 2006 (12.12.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/749,771 12 December 2005 (12.12.2005) US

(71) Applicant (for all designated States except US): **GENELABS TECHNOLOGIES, INC.** [US/US]; 505 PENOBSCOT DRIVE, Redwood City, CA 94063 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SCHMITZ, Franz, Ulrich** [DE/US]; 544 MARIN AVENUE, Mill Valley, CA 94941 (US). **ROBERTS, Christopher, Don** [US/US]; 1160 GRANADA STREET, Belmont, CA 94002 (US). **ABADI, Ali Dehghani Mohammad** [US/US]; 4971 PONDEROSA TERRACE, Campbell, CA 95008 (US). **GRIFFITH, Ronald, Conrad** [US/US]; 2508 RUSSETT GLEN, Escondido, CA 92029 (US). **LEIVERS, Martin, Robert** [US/US]; 91 CENTRAL AVE. #103, San Francisco, CA 94117 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

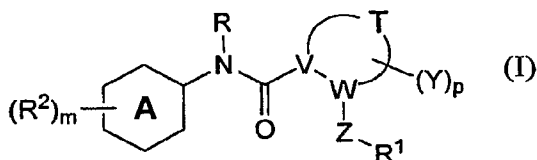
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
30 August 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: N-(6-MEMBERED AROMATIC RING)-AMIDO ANTI-VIRAL COMPOUNDS



(57) Abstract: Disclosed are compounds having Formula (I) and the compositions and methods relating to these compounds, for treating or preventing a viral infection mediated at least in part by a virus in the *Flaviviridae* family of viruses, wherein A, R², m, R, V, W, T, Z, R¹, Y, and p are disclosed herein.