(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 June 2008 (12.06.2008)

PCT

(10) International Publication Number
WO 2008/070344 A2

(51) International Patent Classification:
A61K 39/395 (2006.01)

(21) International Application Number:
PCT/US2007/082647

(22) International Filing Date: 26 October 2007 (26.10.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/854,971 27 October 2006 (27.10.2006) US

(71) Applicant *(for all designated States except US)*: **LPATH THERAPEUTICS, INC.** [US/US]; 6335 Ferris Square Suite A, San Diego, CA 92121-3249 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **SABBADINI, Roger, A.** [US/US]; 12509 Del Sol Road, Lakeside, CA 92040 (US). **GARLAND, William, A.** [US/US]; 310 Via Colibri, San Clemente, CA 92672 (US). **HANSEN, Genevieve** [US/US]; 17050 San Antonio Rose Court, San Diego, CA 92127 (US). **JONES, Steven, Tarran** [GB/GB]; 1 Christchurch Crescent, Radlett, Hertfordshire WD7 8AG (GB). **WILLIAMS, David, Gareth** [GB/GB]; 56 White Horse Drive, Epsom, Surrey KT18 7LY (GB).

(74) Agents: **CHAMBERS, Daniel, M.** et al.; Bio Technology Law Group, C/o Box 52050, Minniapolis, MN 55402 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, LY, MA, MD, ME, 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, MT, 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:
— *without international search report and to be republished upon receipt of that report*
— *with sequence listing part of description published separately in electronic form and available upon request from the International Bureau*

WO 2008/070344 A2

(54) **Title:** COMPOSITIONS AND METHODS FOR BINDING SPHINGOSINE-1-PHOSPHATE

(57) **Abstract:** The present invention relates to anti-SIP agents, for example, humanized monoclonal antibodies, and their uses for detection of SIP or for treatment of diseases and conditions associated with SIP.