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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 April 2005 (14.04.2005)

PCT

(10) International Publication Number
WO 2005/032488 A3

(51) International Patent Classification[7]: C07D 409/12, A61K 31/517, A61P 7/02

(21) International Application Number:
PCT/US2004/032921

(22) International Filing Date:
29 September 2004 (29.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/508,564 3 October 2003 (03.10.2003) US

(71) Applicant *(for all designated States except US)*: **PORTOLA PHARMACEUTICALS, INC.** [US/US]; 270 E. Grand Avenue, Suite 22, South San Francisco, CA 94080 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SCARBOROUGH, Robert, M.** [US/US]; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US). **HUANG, Wolin** [US/US]; 872 Arcturus Circle, Foster City, CA 94404 (US). **PANDEY, Anjali** [US/US]; 4506 Amiens Avenue, Fremont, CA 94555 (US). **BAUER, Shawn, M.** [US/US]; 181 Beachview Avenue, Pacifica, CA 94044 (US). **ZHANG, Xiaoming** [US/US]; 1089 Remsen Court, Sunnyvale, CA 94087 (US). **JIA, Zhaozhong, J.** [CN/US]; 1576-E Marina Court, San Mateo, CA 94403 (US).

(74) Agents: **KEZER, William, B.** et al.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (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, 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, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, IT, LU, 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:
12 May 2005

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.

WO 2005/032488 A3

(54) Title: 2,4-DIOXO-3-QUINAZOLINYLARYL SULFONYLUREAS

(57) Abstract: 2,4-Dioxo-3-quinazolinylaryl sulfonylurea compounds are provided that are useful for the inhibition of ADP-platelet aggregation, particularly in the treatment of thrombosis and thrombosis related conditions or disorders.