

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 July 2010 (15.07.2010)

(10) International Publication Number
WO 2010/080558 A1

PCT

(51) International Patent Classification:
A01N 55/08 (2006.01) *A61K 31/69* (2006.01)

(21) International Application Number:
PCT/US2009/068609

(22) International Filing Date:
17 December 2009 (17.12.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/138,490 17 December 2008 (17.12.2008) US

(71) Applicants (for all designated States except US): **ANACOR PHARMACEUTICALS, INC.** [US/US]; 1020 East Meadow Circle, Palo Alto, CA 94303 (US). **GLAXOSMITHKLINE LLC** [US/US]; One Franklin Plaza, 200 North 16th Street, Philadelphia, PA 19102 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WHEELER, Conrad** [US/US]; 3235 Vicente Street, Apt. 5, San Francisco, CA 94116 (US). **TODD, Dan** [US/US]; C/o Corporate Intellectual Department, 1250 South Collegeville Rd., P.O. Box 5089, Collegeville, PA 19426 (US). **CHEN, Pingyun** [US/US]; C/o Corporate Intellectual Department, 1250 South Collegeville Rd., P.O. Box 5089, Collegeville, PA 19426 (US). **NORTON, Beth, A.** [US/US]; C/o Corporate Intellectual Department, 1250 South Collegeville Rd., P.O. Box 5089, Collegeville, PA 19426 (US).

(74) Agent: **ESKER, Todd**; Morgan, Lewis & Bockius, LLP, One Market, Spear Street Tower, San Francisco, CA 94105 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: POLYMORPHS OF (S)-3-AMINOMETHYL-7-(3-HYDROXY-PROPOXY)-3H-BENZO[C][1,2] OXABOROL-1-OL

(57) Abstract: This invention provides, among other things, polymorphs of the hydrochloride salt of (S)-3-aminomethyl-7-(3-hydroxy-propoxy)-3H- benzo[c] [1,2]oxaborol-1-ol.



WO 2010/080558 A1