

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 December 2010 (02.12.2010)

PCT

(10) International Publication Number
WO 2010/138598 A2

(51) International Patent Classification:
A61K 31/4164 (2006.01)

(21) International Application Number:
PCT/US2010/036211

(22) International Filing Date:
26 May 2010 (26.05.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/181,736 28 May 2009 (28.05.2009) US

(71) Applicant (for all designated States except US): **EX-ELIXIS, INC.** [US/US]; 210 East Grand Avenue, P.O. Box 511, South San Francisco, CA 94083-0511 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BUSCH, Brett, B.** [US/US]; 7523 Mona Lane, San Diego, CA 92064 (US). **STEVENS, William, C., Jr.** [US/US]; 8231 Camino Del Oro, La Jolla, CA 92037 (US). **KICK, Ellen, K.** [US/US]; 311 Pennington-Rocky Hill Road, Pennington, NJ 08534 (US). **ZHANG, Haiying** [CN/US]; 311 Pennington-Rocky Hill Road, Pennington, NJ 08534 (US). **BOLLU, Venkataiah** [IN/US]; 10715 Wexford Street, Unit #6, San Diego, CA 92131 (US). **MARTIN, Richard** [CA/US]; 4293 Cordobes Cove, San Diego, CA 92130 (US). **MOHAN, Raju** [US/US]; 3125 Caminito Ricardo, Encinitas, CA 92024 (US).

(74) Agent: **GREENFIELD, Michael, S.**; McDonnell Boehnen Hulbert & Berghoff LLP, 300 S. Wacker Drive, Suite 3100, Chicago, IL 60606 (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, TH, 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, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, 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:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: LXR MODULATORS

(57) Abstract: Compounds, pharmaceutically acceptable salts, isomers, or prodrugs thereof, of the invention are disclosed, which are useful as modulators of the activity of liver X receptors (LXR). Pharmaceutical compositions containing the compounds and methods of using the compounds are also disclosed.



WO 2010/138598 A2