



(51) International Patent Classification:

C07D 495/14 (2006.01) A61P 31/00 (2006.01)
 A61K 31/551 (2006.01) A61P 33/06 (2006.01)
 A61P 3/00 (2006.01) A61P 35/00 (2006.01)
 A61P 9/00 (2006.01) A61P 35/02 (2006.01)
 A61P 29/00 (2006.01) A61P 15/16 (2006.01)

(21) International Application Number:

PCT/US2015/057538

(22) International Filing Date:

27 October 2015 (27.10.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/068,983 27 October 2014 (27.10.2014) US

(71) Applicant: TENSHA THERAPEUTICS, INC. [US/US];
 47 Thorndike Street, Suite B1-1, Cambridge, MA 02141
 (US).

(72) Inventors: LANDAU, Steven, B.; 44 Tanglewood Road,
 Wellesley, MA 02481 (US). KAGEY, Michael; 28 Brand
 Street, Arlington, MA 02474 (US).

(74) Agents: ABELLEIRA, Susan, M. et al.; Foley Hoag LLP,
 Seaport West, 155 Seaport Blvd., Boston, MA 02210-2600
 (US).

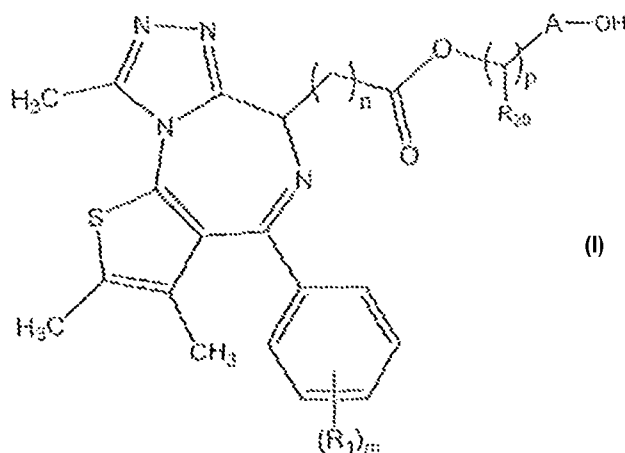
(81) Designated States (unless otherwise indicated, for every
 kind of national protection available): AE, AG, AL, AM,
 AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
 BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
 DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
 HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
 KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG,
 MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,
 PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, RW, SD, SL, ST, SZ,
 TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, RS, SE, SI, SK,
 SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
 GW, KM, ML, MR, NE, SN, TD, TG).

Published:

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

(54) Title: BROMODOMAIN INHIBITORS



(I)

(57) Abstract: The present invention relate to bromodomain inhibitor compounds, pharmaceutical compositions comprising the bromodomain inhibitor compounds and methods of treating a disorder responsive to fee modulation of a BET family polypeptide using the compounds and pharmaceutical compositions described. (Formula (I))