



(51) International Patent Classification:

C07D 213/30 (2006.01) **A61K 31/4433** (2006.01)
C07D 239/26 (2006.01) **A61K 31/505** (2006.01)
C07D 405/06 (2006.01) **A61P 25/00** (2006.01)
C07D 405/08 (2006.01) **A61P 29/00** (2006.01)
A61K 31/4402 (2006.01)

(21) International Application Number:

PCT/CN2010/001213

(22) International Filing Date:

10 August 2010 (10.08.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant (for all designated States except LC, US): **ABBOTT LABORATORIES** [US/US]; 100 Abbott Park Road, Abbott Park, IL 60064 (US).

(71) Applicant (for LC only): **ABBOTT LABORATORIES TRADING (SHANGHAI) COMPANY, LTD** [CN/CN]; 28/F Ciro's Plaza, 388 West Nan Jing Road, Shanghai 200000 (CN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BAYBURT, Erol, K.** [US/US]; 17462 West Chestnut, Gurnee, IL 60031 (US). **CLAPHAM, Bruce** [GB/US]; 2813 Falling Waters Drive, Lindenhurst, IL 60046 (US). **COX, Phil, B.** [US/US]; 285 N. Cambridge Court, Grayslake, IL 60030 (US). **DAANEN, Jerome, F.** [US/US]; 4137 Nantucket Place, Racine, WI 53405 (US). **GOMTSYAN, Arthur** [US/US]; 104 Adair Court, Vernon Hills, IL 60061 (US). **KORT, Michael, E.** [US/US]; 507 Green Avenue, Lake

Bluff, IL 60044-1529 (US). **KYM, Philip, R.** [US/US]; 1002 Gracewood Drive, Libertyville, IL 60048 (US). **VOIGHT, Eric, A.** [US/US]; 10615 48th Avenue, Pleasant Prairie, WI 53158 (US).

(74) Agent: **CHINA PATENT AGENT (H.K.) LTD.**; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

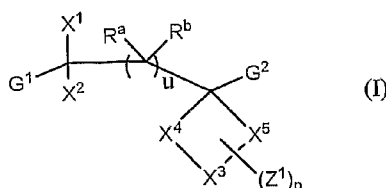
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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:

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

(54) Title: NOVEL TRPV3 MODULATORS



(57) Abstract: Disclosed herein are modulators of TRPV3 of formula (I), wherein G^1 , X^1 , X^2 , X^3 , X^4 , X^5 , G^2 , Z^1 , R^a , R^b , u , and p are as defined in the specification. Compositions comprising such compounds and methods for treating conditions and disorders using such compounds and compositions are also presented.