



(51) International Patent Classification:
C07D 277/593 (2006.01)

(21) International Application Number:
PCT/US2014/021080

(22) International Filing Date:
6 March 2014 (06.03.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/779,091 13 March 2013 (13.03.2013) US

(71) Applicant: **THERAVANCE, INC.** [US/US]; 901 Gateway Boulevard, South San Francisco, California 94080 (US).

(72) Inventors: **ZHANG, Weijiang**; 1282 North Montecito Drive, Concord, California 94521 (US). **TRACEY, Michael R.**; 3006 Yorkshire Boulevard, Charles City, Iowa 50616 (US). **LEE, Junning**; 822 San Carlos Avenue, El Granada, California 94018 (US).

(74) Agents: **HAGENAH, Jeffrey A.** et al.; Theravance, Inc., 901 Gateway Boulevard, South San Francisco, California 94080 (US).

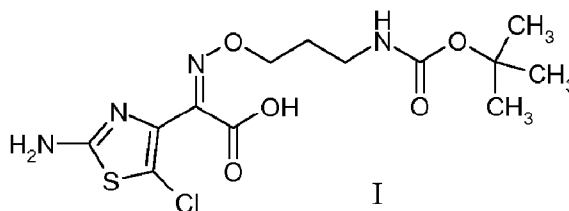
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, 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: CRYSTALLINE FORM OF A SUBSTITUTED THIAZOLYLACETIC ACID TRIETHYLAMINE SALT



(57) Abstract: The invention relates to a crystalline form of a triethylai salt of (2Z)-2-(2-amino-5-chlorothiazol-4-yl)-2-(3-N-tert-butoxycarbonylaminopropoxyimino)acetic acid. (I) The invention also relates to processes and intermediates for preparing the crystalline form. The crystalline form is useful as an intermediate for preparing cross-linked glycopeptide-cephalosporin antibiotics.