

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 March 2009 (05.03.2009)

PCT

(10) International Publication Number
WO 2009/027811 A3

(51) International Patent Classification:
C07D 213/71 (2006.01) *A61K 31/435* (2006.01)

(21) International Application Number:
PCT/IB2008/002252

(22) International Filing Date: 25 August 2008 (25.08.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/968,771 29 August 2007 (29.08.2007) US
61/083,559 25 July 2008 (25.07.2008) US

(71) Applicant (for all designated States except US): **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DAMON, David, Burns** [US/US]; Pfizer Global Research and Development Eastern Point Road, Groton, CT 06340 (US). **HONG, Jinyang** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). **KRZYZANIAK, Joseph, Francis** [US/US]; Pfizer Global, Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) Agents: **FULLER, Grover, F. Jr.**, et al.; Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (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, 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, 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.

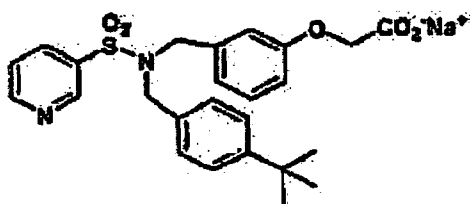
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
11 June 2009

(54) Title: POLYMORPHS OF 3-((4-TERT-BUTYL-BENZYL) - (PYRIDINE-3-SULFONYL) -AMINO) -METHYL) -PHENOXY) -ACETIC ACID SODIUM SALT OR A HYDRATE THEREOF AND METHODS FOR MAKING THE SAME



(I)

(57) Abstract: The present invention relates to polymorphic crystalline forms or a non-crystalline form or amorphous of the compound (3-(((4-tert-butyl-benzyl)-(pyridine-3-sulfonyl)-amino)-methyl)-phenoxy)-acetic acid sodium salt or a hydrate thereof together with processes for preparing, methods for using, and pharmaceutical compositions containing the same. The invention also relates to substantially pure polymorphic crystalline forms or a non-crystalline form or amorphous form of (3-(((4-tert-butyl-benzyl)-(pyridine-3-sulfonyl)-amino)-methyl)-phenoxy)-acetic acid sodium salt or a hydrate thereof.



WO 2009/027811 A3