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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
24 August 2006 (24.08.2006)

PCT

(10) International Publication Number
WO 2006/088814 A3

(51) International Patent Classification:
*A61K 9/22* (2006.01) *A61P 25/08* (2006.01)
*A61K 31/4965* (2006.01) *A61P 25/24* (2006.01)

(21) International Application Number:
PCT/US2006/005076

(22) International Filing Date:
14 February 2006 (14.02.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/653,444 15 February 2005 (15.02.2005) US

(71) Applicant *(for all designated States except US)*: **JAZZ PHARMACEUTICALS** [US/US]; 3180 Porter Drive, Palo Alto, California 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **PFEIFFER, James** [US/US]; 2369 Thackeray Drive, Oakland, California 94611 (US). **FOREMAN, Mark** [US/US]; 338 South Fremont Street, San Mateo, California 94401 (US). **DES JARDIN, Michael** [US/US]; 670 Lambeth Court, Sunnyvale, California 94087 (US). **WISSEL, Janne** [US/US]; 1514 Orile Avenue, Sunnyvale, California 94087 (US). **SAKS, Samuel** [US/US]; 2404 Hillside Drive, Burlingame, California 94010 (US).

(74) Agent: **CAGAN, Felissa, H.**; JAZZ PHARMACEUTICALS, 3180 Porter Drive, Palo Alto, California 94304 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, HU, IE, IS, IT, LT, LU, LV, MC, NL, 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:
1 February 2007

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: DOSAGE FORM AND METHOD FOR SUSTAINED RELEASE OF A SUBSTITUTED PYRAZINE COMPOUND

(57) Abstract: The invention is directed to a dosage form and method for administering a therapeutic agent in a sustained release manner to provide an intended therapeutic effect while minimizing the side effects associated with the therapeutic agent. The therapeutic agent is selected from a group of substituted pyrazine compounds and may be (3)-(2,3,5-trichloro-phenyl)-pyrazine-(2,6)-diamine.

WO 2006/088814 A3