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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 October 2007 (18.10.2007)

PCT

(10) International Publication Number
WO 2007/117381 A3

(51) International Patent Classification:
*C07D 417/12* (2006.01) *C07D 491/04* (2006.01)
*C07D 417/14* (2006.01) *C07D 495/04* (2006.01)
*C07D 471/04* (2006.01) *C07D 498/04* (2006.01)
*C07D 487/04* (2006.01) *C07D 513/04* (2006.01)

(21) International Application Number:
PCT/US2007/007444

(22) International Filing Date: 23 March 2007 (23.03.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/785,460 24 March 2006 (24.03.2006) US

(71) Applicant *(for all designated States except US)*: **ARRAY BIOPHARMA INC.** [US/US]; 3200 Walnut Street, Boulder, Colorado 80301 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **AICHER, Thomas, Daniel** [US/US]; 3070 N. Torry's Peak Drive, Superior, Colorado 80027 (US). **BOYD, Steven, Armen** [US/US]; 5665 St. Vrain Road, Longmont, Colorado 80501 (US). **CHICARELLI, Mark, Joseph** [US/US]; 1600 South Emery Street, Longmont, Colorado 80501 (US). **CONDROSKI, Kevin, Ronald** [US/US]; 13892 Fox Ridge Drive, Broomfield, Colorado 80020 (US). **HINKLIN, Ronald, Jay** [US/US]; 3515 Bluestem Avenue, Longmont, Colorado 80503 (US). **SINGH, Ajay** [IN/US]; 2028 South Evanston Court, Aurora, Colorado 80014 (US).

(74) Agents: **HARRIS, Robert J.** et al.; P.O. Box 111098, Saint Paul, Minnesota 55111-1098 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, 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, 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, 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, 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, HU, IE, IS, IT, LT, LU, LV, MC, MT, 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).

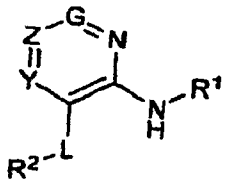
**Published:**
— *with international search report*

(88) Date of publication of the international search report:
14 February 2008

(48) Date of publication of this corrected version:
27 March 2008

(15) Information about Correction:
see Notice of 27 March 2008

(54) Title: 2 -AMINOPYRIDINE ANALOGS AS GLUCOKINASE ACTIVATORS



(I)

(57) Abstract: Provided are compounds of formula I that are useful in the treatment and/or prevention of diseases mediated by deficient levels of glucokinase activity, such as diabetes meilitus. Also provided are methods of treating or preventing diseases and disorders characterized by underactivity of glucokinase or which can be treated by activating glucokinase.

WO 2007/117381 A3