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

(19) World Intellectual Property Organization
International Bureau

G00002

(43) International Publication Date
7 February 2002 (07.02.2002)

PCT

(10) International Publication Number
WO 02/10158 A3

(51) International Patent Classification[7]: C07D 405/14, A61K 31/404, C07D 403/04, 403/14

(21) International Application Number: PCT/EP01/08293

(22) International Filing Date: 18 July 2001 (18.07.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/221 058 27 July 2000 (27.07.2000) US

(71) Applicant: F. HOFFMANN-LA ROCHE AG [CH/CH], Grenzacherstrasse 124, CH-4070 Basle (CH)

(72) Inventors: GONG, Leyi, 2259 Armada Way, San Mateo, CA 94404 (US). GRUPE, Andrew, 554 Jeter Street, Redwood City, CA 94062 (US). PELTZ, Gary, Allen, 110 Danbury Lane, Redwood City, CA 94062 (US)

(74) Agent: POPPE, Regina, Grenzacherstrasse 124, CH-4070 Basle (CH)

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

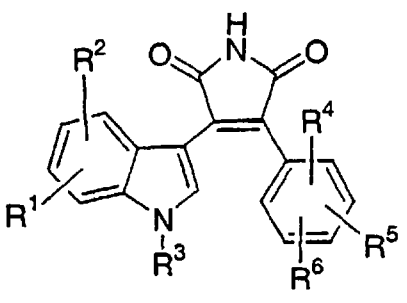
Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
16 May 2002

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

162162

(54) Title: 3-INDOLYL-4-PHENYL-1H-PYRROLE-2,5-DIONE DERIVATIVES AS INHIBITORS OF GLYCOGEN SYNTHASE KINASE-3BETA



(I)

(57) Abstract: The present invention relates to 3-indolyl-4-phenyl-1H-pyrrole-2,5-dione derivatives of Formula (I), wherein R^1 to R^6 have the value given in the specification. The compounds are useful as inhibitors of glycogen synthase kinase-3β and, therefore, may be used for the treatment of GSK-3β mediated diseases.

WO 02/10158 A3