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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number
WO 2005/103050 A3

(51) International Patent Classification:
C07D 471/04 (2006.01) *A61P 37/08* (2006.01)
A61K 31/437 (2006.01) *A61P 29/00* (2006.01)

(21) International Application Number:
PCT/US2005/011358

(22) International Filing Date: 4 April 2005 (04.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/559,041 2 April 2004 (02.04.2004) US

(71) Applicant *(for all designated States except US)*: **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **GREEN, Jeremy** [GB/US]; 21 Greystone Court, Burlington, MA 01803 (US). **MILLER, Andrew** [GB/GB]; Cherry Cottage, Chilton Road, Upton, Oxfordshire OX11 9JL (GB). **JIMENEZ, Juan-Miguel** [ES/GB]; 39 Alexander Close, Abingdon, Oxfordshire OX14 1XA (GB). **MARHEFKA, Craig** [US/US]; 340 Elmcroft Boulevard, Apt. 4303, Rockville, MD 20858 (US). **CAO, Jingrong** [CN/US]; 45 Madison Avenue, Newton, MA 02165 (US). **COURT, John, J.** [US/US]; 27 Ernies Drive, Littleton, MA 01460 (US). **BANDARAGE, Upul, K.** [US/US]; 11 Bates Road, Lexington, MA 02421 (US). **GAO, Huai** [CN/US]; 25 Sunnyside Lane, Lincoln, MA 01773 (US). **NANTHAKUMAR, Suganthini** [US/US]; 253 Spiers Road, Newton, MA 02459 (US).

(74) Agent: **BROWN, Karen, E.**; Vertex Pharmaceuticals Incorporated, 130 Waverly Street, Cambridge, MA 02139 (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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, 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, 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:
5 October 2006

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: AZAINDOLES USEFUL AS INHIBITORS OF ROCK AND OTHER PROTEIN KINASES

(57) Abstract: The present invention relates to compounds useful as inhibitors of protein kinases. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders.

WO 2005/103050 A3