

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 May 2007 (24.05.2007)

PCT

(10) International Publication Number
WO 2007/058628 A1

(51) International Patent Classification:

C07D 498/02 (2006.01) A61K 31/505 (2006.01)
A61P 35/00 (2006.01) A61P 35/02 (2006.01)
C07D 495/12 (2006.01) C07D 498/12 (2006.01)

(21) International Application Number:

PCT/SG2006/000353

(22) International Filing Date:

15 November 2006 (15.11.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/736,838 16 November 2005 (16.11.2005) US
60/817,339 30 June 2006 (30.06.2006) US
60/851,283 13 October 2006 (13.10.2006) US

(71) Applicant (for all designated States except US): S***BIO PTE LTD** [SG/SG]; 1 Science Park Road, #05-09 The Capricorn Singapore Science Park II, Singapore 117528 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BLANCHARD, Stéphanie** [FR/SG]; 80 Farrer Road, #02-03 Flemington, Gallop Gables, Singapore 268855 (SG). **ETHIRAJULU, Kantharaj** [IN/SG]; 370 G, Alexandra Road, #15-02, The Anchorage, Singapore 159960 (SG). **LEE, Cheng Hsia, Angeline** [SG/SG]; Blk 764, Jurong West St 74, #10-25, Singapore 640764 (SG). **NAGARAJ, Harish, Kumar, Mysore** [IN/SG]; 118B, West Coast Way, Hong Leong Garden Shopping Centre, Singapore 127056 (SG). **POULSEN, Anders** [DK/SG]; 42 Pasir Panjang Hill, #03-11 Le Hill Condominium, Singapore 118894 (SG).

SUN, Eric, T. [US/SG]; 40 Coronation Road West, #04-04, Astrid Meadows, Singapore 269258 (SG). **TAN, Yee Ling, Evelyn** [SG/SG]; Blk 551, Choa Chu Kang Street 52, #09-55, Singapore 680551 (SG). **TEO, Ee Ling** [SG/SG]; Blk 730, Clementi West St 2, #08-342, Singapore 120730 (SG). **WILLIAM, Anthony, Deodaunia** [IN/SG]; 200, Pasir Panjang Road, #01-09, Pasir View Park, Singapore 118571 (SG).

(74) Agent: **NAMAZIE, Farah**; Robinson Road Post Office, P.O. Box 1482, Singapore 902932 (SG).

(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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, 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, 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

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: HETEROALKYL LINKED PYRIMIDINE DERIVATIVES

(57) Abstract: The present invention relates to pyrimidine compounds that are useful as anti-proliferative agents. More particularly, the present invention relates to heteroalkyl linked and substituted pyrimidine compounds, methods for their preparation, pharmaceutical compositions containing these compounds and uses of these compounds in the treatment of proliferative disorders. These compounds may be useful as medicaments for the treatment of a number of proliferative disorders including tumours and cancers as well as other conditions or disorders associated with kinases.

WO 2007/058628 A1