

23/06/03
2003 034931

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 July 2002 (25.07.2002)

PCT

(10) International Publication Number
WO 02/057240 A1

- (51) International Patent Classification⁷: **C07D 249/14**, 409/06, 405/06, 401/06, 413/06, 417/06, 403/12, 417/14, 409/14, A61K 31/4196, 31/4439
- (74) Agents: **JOHNSON, Philip, S.** et al.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (21) International Application Number: PCT/US01/50559
- (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, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date:
21 December 2001 (21.12.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/257,703 22 December 2000 (22.12.2000) US
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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).
- (71) Applicant: **ORTHO MC NEIL PHARMACEUTICAL, INC.** [US/US]; US Route 202, Raritan, NJ 08869-0602 (US).
- (72) Inventors: **LIN, Ronghui**; 23 Bearsley Dr., East Brunswick, NJ 08816 (US). **CONNOLLY, Peter, J.**; 74 Delwick Lane, East Providence, NJ 07974 (US). **WETTER, Steven**; 28 Fawn Dr., Flemington, NJ 08822 (US). **HUANG, Shenlin**; 425 Parsonage Rd, Edison, NJ 08837 (US). **EMANUAL, Stuart**; 5678 S. Deer Run Rd, Doylestown, PA 18901 (US). **GUNINGER, Robert**; 2235 Hopkins Lane, Easton, PA 18040 (US). **MIDDLETON, Steve**; 2 Gateshead Drive, Flemington, NJ 08822 (US).
- 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
- 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



ACTION

WO 02/057240 A1

(54) Title: SUBSTITUTED TRIAZOLE DIAMINE DERIVATIVES AS KINASE INHIBITORS

(57) Abstract: The present invention provides substituted triazole diamine derivatives as selective kinase or dual-kinase inhibitors and a method for treating or ameliorating a selective kinase or dual-kinase mediated disorder.