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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
1 February 2001 (01.02.2001)

PCT

(10) International Publication Number
WO 01/07440 A1

(51) International Patent Classification[7]: C07D 487/04, C07F 9/40, C07D 519/00, C07F 9/38, A61K 31/41, 31/415, A61P 29/00 // (C07D 487/04, 233:00) (C07D 487/04, 233:00, 249:00) (C07D 487/04, 233:00, 257:00)

(21) International Application Number: PCT/US00/18884

(22) International Filing Date: 12 July 2000 (12.07.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/144,905 21 July 1999 (21.07.1999) US
60/150,939 26 August 1999 (26.08.1999) US

(71) Applicant *(for all designated States except US)*: **BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.** [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **WU, Jiang-Ping** [US/US]; 55 Mill Plain Road, #32-11, Danbury, CT 06811 (US). **KELLY, Terence, Alfred** [US/US]; 66 Overlook Drive, Ridgefield, CT 06877 (US). **LEMIEUX, Rene, M.** [CA/US]; 1193 Old Turnpike Road, Plantsville, CT 06479 (US). **GOLDBERG, Daniel, R.** [US/US]; 284 Main Street, New Canaan, CT 06840 (US). **EMEIGH, Jonathan, Emilian** [US/US]; 6 Kenmere Boulevard, Danbury, CT 06810 (US). **SORCEK, Ronald, J.** [US/US]; 8D Beach Street, Bethel, CT 06801 (US).

(74) Agents: **RAYMOND, Robert, P.** et al.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877 (US).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, 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, US, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, 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.

WO 01/07440 A1

(54) Title: IMIDAZOIMIDAZOLES AND TRIAZOLES AS ANTI-INFLAMMATORY AGENTS

(57) Abstract: Compounds of formula (I) which are useful for treating or preventing inflammatory and immune cell-mediated diseases.