2003008216

27 SEP 2003

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
21 March 2002 (21.03.2002)

PCT

(10) International Publication Number
WO 02/22600 A3

(51) International Patent Classification[7]: C07D 401/14, 413/14, 417/14, 493/04, 403/14, 403/12, 405/14, 401/12, 213/38, A61K 31/47, A61P 31/18

(21) International Application Number: PCT/CA01/01326

(22) International Filing Date:
17 September 2001 (17.09.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/232,891	15 September 2000 (15.09.2000)	US
60/234,510	22 September 2000 (22.09.2000)	US

(71) Applicant: ANORMED INC. [CA/CA]; No.200, 20353-64th Avenue, Langley, British Columbia V2A 1N5 (CA).

(72) Inventors: BRIDGER, Gary; 445 S. Garden Street, Bellingham, WA 98225 (US). SKERLJ, Renato; Shearwater Road, Blaine, WA 98230 (US). KALLER, Al; 105 - 2190 W. 8th Avenue, Vancouver, British Columbia V6K 2A4 (CA). HARWIG, Curtis; 311 - 15321 Russell Avenue, White Rock, British Columbia V4B 2P9 (CA). BOGUCKI, David; 203 - 16071 82nd Avenue, Surrey, British Columbia V3S 2L6 (CA). WILSON, Trevor, R.; 208 - 19750 64th Avenue, Langley, British Columbia V2Y 2T1 (CA). CRAWFORD, Jason; 201 - 21 North Renfrew Street, Vancouver, British Columbia V5K 3N6 (CA). McEACHERN, Ernest, J.; 90 Peace Park Drive, White Rock, British Columbia V4P 2Y2 (CA). ATSMA, Bem; 368 - 20061 55A Avenue, Langley, British Columbia V3A 5V5 (CA). NAN, Siqiao; 5460 Dominion Street, Burnaby, British Columbia V5G 1E2 (CA). ZHOU, Yuanxi; 339 - 5400 206th Street, Langley, British Columbia V3A 2C3 (US). SCHOLS, Dominique; Kierveld 9, B-3020 Herent (BE). SMITH, Christopher, Dennis; Apt. 118 - 5951 Balsam Street, Vancouver, British Columbia V6M 4C3 (CA). DI FLURI, Rosaria, Maria; 921 South Holdom Avenue, Burnaby, British Columbia V5B 3V4 (CA).

(74) Agents: ROBINSON, J. Christopher et al.; Fetherstonhaugh & Co, Box 11560, Suite 2200, 650 West Georgia Street, Vancouver, British Columbia V6B 4N8 (CA).

(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, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
- *with international search report*

(88) Date of publication of the international search report:
10 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

ACTION

WO 02/22600 A3

(54) Title: CHEMOKINE RECEPTOR BINDING HETEROCYCLIC COMPOUNDS

(57) Abstract: Novel compounds that are useful for targeting chemokine receptors are disclosed. These compounds are complex tertiary amines.