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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
15 July 2004 (15.07.2004)

PCT

(10) International Publication Number
WO 2004/058164 A2

(51) International Patent Classification[7]: A61K

(21) International Application Number:
PCT/US2003/040617

(22) International Filing Date:
19 December 2003 (19.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/435,366 20 December 2002 (20.12.2002) US

(71) Applicant: **TULARIK, INC.** [US/US]; 1120 Veterans Boulevard, South San Francisco, CA 94080 (US).

(72) Inventors: **FU, Zice**; 1050 Carolan Avenue, Apt. 202, Burlingame, CA 94010 (US). **HUANG, Xi, Alan**; 3061 La Selva, C-207, San Mateo, CA 94403 (US). **LIU, Jiwen**; 721 Celestial Lane, Foster City, CA 94404 (US). **MEDINA, Julio, C.**; 1407 Cedar Street, San Carlos, CA 94070 (US). **SCHMITT, Michael, J.**; 2137 Larkin Street, San Francisco, CA 94109 (US). **TANG, Lucy, H.**; 42 Levant Street, San Francisco, CA 94114 (US). **WANG, Yingcai**; 1824 El Parque Court, Apt. C, San Mateo, CA 94403 (US). **XU, Qingge**; 2001 Trousdale Drive, Apt. 203, Burlingame, CA 94010 (US).

(74) Agents: **PATHAK, Rahul** et al.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(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, EG, 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, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (BW, 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, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *without international search report and to be republished upon receipt of that 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: ASTHMA AND ALLERGIC INFLAMMATION MODULATORS

(57) Abstract: Compounds, pharmaceutical compositions and methods are provided that are useful in the treatment of inflammatory and immune-related diseases and conditions. In particular, the invention provides compounds which modulate the function and/or expression of proteins involved in atopic diseases, inflammatory conditions and cancer. The subject compounds are carboxylic acid derivatives.

WO 2004/058164 A2