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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 September 2004 (16.09.2004)

PCT

(10) International Publication Number
WO 2004/078116 A2

(51) International Patent Classification[7]: A61K

(21) International Application Number:
PCT/US2004/005693

(22) International Filing Date: 25 February 2004 (25.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10/378, 164	3 March 2003 (03.03.2003)	US
10/688, 849	15 October 2003 (15.10.2003)	US

(71) Applicant *(for all designated States except US)*: **ARRAY BIOPHARMA, INC.** [US/US]; 3200 Walnut Street, Boulder, CO 80301 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **MUNSON, Mark** [US/US]; 513 W. Cactus Court, Louisville, CO 80027 (US). **MARESKA, David, A.** [US/US]; 1000 Chestnut Drive, Longmont, CO 80503 (US). **KIM, Youngboo** [KR/JP]; 5-1-3 Satsukigaoka, Ikeda, Osaka, Japan 563-0029 (JP). **GRONEBERG, Robert** [US/US]; 958 Yellow Pine Avenue, Boulder, CO 80304 (US). **RIZZI, James** [US/US]; 7180 Longview Drive, Longmont, CO 80503 (US). **RODRIGUEZ, Martha** [US/US]; 3549 Larkspur Drive, Longmont, CO 80503 (US). **KIM, Ganghyeok** [US/US]; 2217 Holyoke Drive, Superior, CO 80027 (US). **VIGERS, Guy** [GB/US]; 510 Maxwell Avenue, Boulder, CO 80304 (US). **RAO, Chang** [CN/US]; 1425 Clover Creek Drive, Longmont, CO 80503 (US). **BALACHARI, Devan** [IN/US]; 730 Arrowwood Street, Longmont, CO 80503 (US). **HARVEY, Darren** [GB/US]; 3250 West Fairview Place, Denver, CO 80211 (US).

(74) Agent: **BURTON, Carol, W.**; Hogan & Hartson, LLP, 1200 17th Street, Suite 1500, Denver, CO 80202 (US).

(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, 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, NA, 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, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, 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, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (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: P38 INHIBITORS AND METHODS OF USE THEREOF

(57) Abstract: This invention relates to inhibitors of p38, and methods for producing these inhibitors. The invention also provides pharmaceutical compositions comprising the inhibitors of the invention and methods of utilizing the inhibitors and pharmaceutical compositions in the treatment and prevention of various disorders mediated by p38.

WO 2004/078116 A2