

(19) World Intellectual Property
Organization
International Bureau



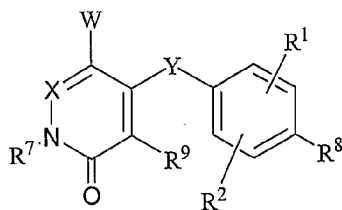
(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/051301 A2

- (51) International Patent Classification⁷: **A61K**
- (21) International Application Number:
PCT/US2004/039060
- (22) International Filing Date:
18 November 2004 (18.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/523,270 19 November 2003 (19.11.2003) 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): **MARLOW, Allison, L.** [US/US]; 286 W. Sycamore Lane, Louisville, CO 80027 (US). **WALLACE, Eli** [US/US]; P.O. Box 1727, Lyons, CO 80540 (US). **SEO, Jeongbeob** [KR/US]; 12690 Utica Circle, Broomfield, CO 80020 (US). **LYSSIKATOS, Joseph, P.** [US/US]; 1720 Eldorado Court, Superior, CO 80027 (US). **YANG, Hong, Woon** [KR/US]; 823 Maroon Peak Circle, Superior, CO 80027 (US). **BLAKE, Jim** [US/US]; 2435 Mallard Circle, Longmont, CO 80504 (US).
- (74) Agents: **BURTON, Carol, W.** et al.; Hogan & Hartson, LLP, 1200 17th Stree, 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, NA, 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, IS, IT, LU, MC, NL, PL, 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: HETEROCYCLIC INHIBITORS OF MEK AND METHODS OF USE THEREOF



(I)

(57) **Abstract:** Disclosed are compounds of the Formula (I) and pharmaceutically acceptable salts and prodrugs thereof, wherein R¹, R², R⁷, R⁸ and R⁹, W, X and Y are as defined in the specification. Such compounds are MEK inhibitors and useful in the treatment of hyperproliferative diseases, such as cancer and inflammation, in mammals, and inflammatory conditions. Also disclosed are methods of using such compounds in the treatment of hyperproliferative diseases in mammals and pharmaceutical compositions containing such compounds.

WO 2005/051301 A2