

(51) International Patent Classification:  
C07D 471/04 (2006.01)

(21) International Application Number:

PCT/EP2009/054638

(22) International Filing Date:

20 April 2009 (20.04.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/048,574 29 April 2008 (29.04.2008) US

(71) Applicant (for all designated States except US): **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BROOKFIELD, Frederick** [GB/GB]; 16 Passey Crescent, Benson, Oxon, Wallingford, Oxfordshire OX10 6NH (GB). **DILLON, Michael, Patrick** [GB/US]; 275 Romain Street, San Francisco, CA 94131 (US). **EUSTACHE, Florence** [FR/GB]; 6 Lockway, Drayton, Oxfordshire OX14 4LG (GB). **GOLDSTEIN, David, Michael** [US/US]; 7045 Huntsfield Court, San Jose, CA 95120 (US). **GONG, Leyi** [US/US]; 2259 Armada Way, San Mateo, CA 94404 (US). **HAN, Xiaochun** [CN/US]; 680 Bellflower Avenue, #11, Sunnyvale, CA 94086 (US). **HOGG, Joan, Heather** [CA/US]; 979 Edmonds Way, Sunnyvale, CA 94087 (US). **PARK, Jaehyeon** [KR/US]; 945 S. Bernardo Avenue, Sunnyvale, CA 94087 (US). **REUTER, Deborah,****Carol** [US/US]; 172 Eleanor Avenue, Los Altos, CA 94022 (US). **SJOGREN, Eric, Brian** [US/US]; 442 Dell Avenue, Mountain View, CA 94043 (US).(74) Agent: **HEIROTH, Ulrike**; Grenzacherstrasse 124, CH-4070 Basel (CH).

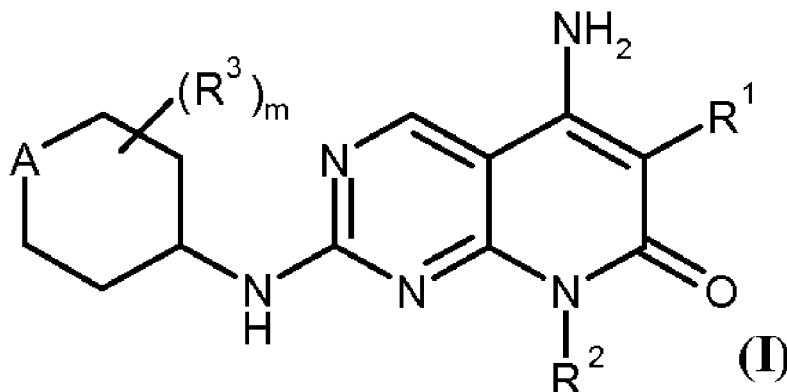
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, 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:

— with international search report (Art. 21(3))

(54) Title: PYRIMIDINYL PYRIDONE INHIBITORS OF JNK.

(57) Abstract: This application discloses novel pyrimidinyl pyridone derivatives according to formula (I), wherein A, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and m are defined as described herein, which inhibit JNK. The compounds disclosed herein are useful to modulate the activity of JNK and treat diseases associated with excessive JNK activity. The compounds are useful to treat autoimmune, inflammatory, metabolic, and neurological diseases as well as cancer. Also disclosed are compositions comprising the compound of formula (I) and methods of treatment comprising administering a therapeutically effective amount of the compound of formula I to a subject in need thereof.