



(51) International Patent Classification:

C07D 251/18 (2006.01) C07D 401/12 (2006.01)
C07D 401/04 (2006.01) C07D 403/04 (2006.01)
C07D 413/04 (2006.01) C07D 403/12 (2006.01)

(21) International Application Number:

PCT/IB2009/007404

(22) International Filing Date:

10 November 2009 (10.11.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

08211219.3 10 November 2008 (10.11.2008) GB

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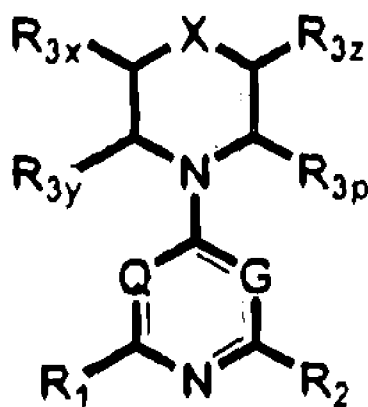
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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, PE, 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, SM, 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 (Rule 48.2(g))

(54) Title: TRIAZINE, PYRIMIDINE AND PYRIDINE ANALOGS AND THEIR USE AS THERAPEUTIC AGENTS AND DIAGNOSTIC PROBES



(I)

(57) Abstract: The invention relates to novel therapeutic agents and diagnostic probes. The invention also relates to phosphoinositide 3-kinase (PI3K) and mammalian target of rapamycin (mTOR) inhibitor triazine-, pyrimidine- and pyridine-based compounds[^] Formula (I), their stereoisomers, geometric isomers, tautomers, solvates, metabolites, N-oxide derivatives, pharmaceutically acceptable salts, and prodrugs thereof compositions of the new compounds; either alone or in combination with at least one additional therapeutic agent, with a pharmaceutically acceptable carrier; and uses of the new compounds, either alone or in combination with at least one additional therapeutic agent, for treating disorders mediated by lipid kinases. •Methods of using compounds of Formula (I) for in vitro, in situ, and in vivo diagnosis, prevention or treatment of such disorders in mammalian cells, or associated pathological conditions, are disclosed. (Formula I)