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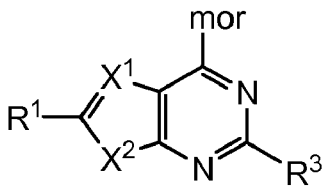
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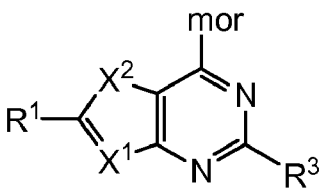
— *with international search report (Art. 21(3))*

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(54) Title: BICYCLIC INDOLE-PYRIMIDINE PI3K INHIBITOR COMPOUNDS SELECTIVE FOR P110 DELTA, AND METHODS OF USE



Ia



Ib

(57) Abstract: Formula I (Ia and Ib) compounds wherein (i) X^1 is N and X^2 is S, (ii) X^1 is CR^7 and X^2 is S, (iii) X^1 is N and X^2 is NR^2, (iv) X^1 is CR^7 and X^2 is O, or (v) X^1 is CR^7 and X^2 is NR^2, including stereoisomers, tautomers, metabolites and pharmaceutically acceptable salts thereof, are useful for inhibiting the delta isoform of PBK, and for treating disorders mediated by lipid kinases such as inflammation, immunological, and cancer. 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.

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