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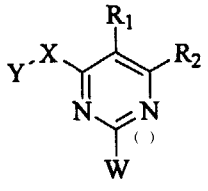
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(54) Title: 2,4,6-TRISUBSTITUTED PYRIMIDINES AS PHOSPHOTIDYLINOSITOL (PI) 3-KINASE INHIBITORS AND THEIR USE IN THE TREATMENT OF CANCER



(I)

(57) Abstract: Compounds having formula I are provided where the variables have the values described herein. (I). Pharmaceutical formulations include the compounds or pharmaceutically acceptable salts thereof and a pharmaceutically acceptable carrier and combinations with other agents. A method of treating a patient comprises administering a pharmaceutical formulation according to the invention to a patient in need thereof.