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(54) Title: COMPOUNDS HAVING INHIBITIVE ACTIVITY OF PHOSPHATIDYLINOSITOL 3-KINASE AND METHODS OF USE THEREOF

(57) Abstract: Compounds inhibiting phosphatidylinositol 3-kinase (PI 3-K) activities and methods of preparing and using thereof in treating diseases are disclosed. Compounds inhibiting PI 3-K activity and methods of using PI 3-K inhibitory compounds to inhibit cancer cell grwoth or to treat disorders of immunity and inflammation, in which PI 3-K plays a role in leukocyte function are also provided.