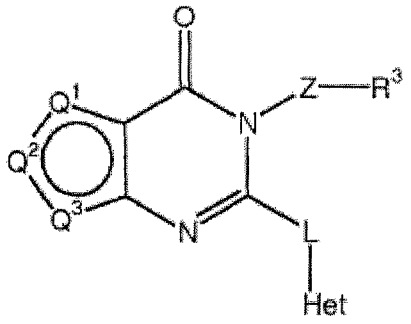
## ABSTRACT


**THIENOPYRIMIDINONES FOR TREATMENT OF INFLAMMATORY DISORDERS AND CANCERS**

The current invention provides compounds of formula (1): wherein: one of $Q^1$, $Q^2$ and $Q^3$ is S, and the other of two of $Q^1$, $Q^2$ and $Q^3$ are $-CR^1-$, which are inhibitors of PI3K-delta. These compounds are useful for treatment of conditions mediated by PI3K-delta, such as hematopoietic cancers, immune disorders, and bone resorption disorders. The invention further provides pharmaceutical compositions comprising a compound of formula (1) and methods of using these compounds and compositions to treat conditions mediated by PI3K-delta.




(1)

No figure