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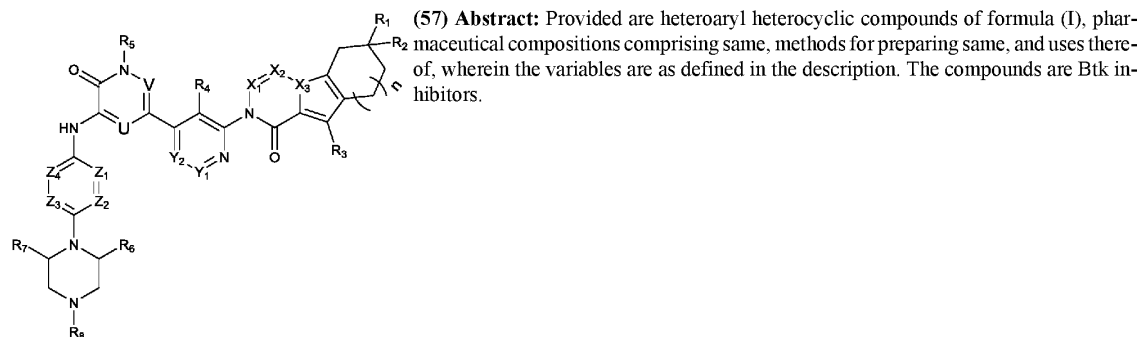
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(54) Title: HETEROARYL HETEROCYCLIC COMPOUNDS AND USES THEREOF



(I)

(57) Abstract: Provided are heteroaryl heterocyclic compounds of formula (I), pharmaceutical compositions comprising same, methods for preparing same, and uses thereof, wherein the variables are as defined in the description. The compounds are Btk inhibitors.

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