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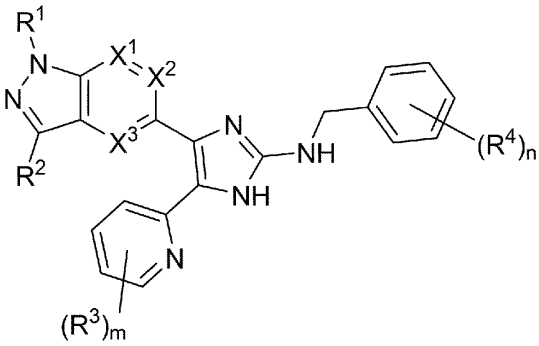
(54) Title: FUSED RING HETEROARYL COMPOUNDS AND USE THEREOF



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(57) Abstract: The invention provides novel substituted heterocyclic compounds represented by Formula I, or a pharmaceutically acceptable salt, solvate, polymorph, ester, tautomer or prodrug thereof, and a composition comprising these compounds. The compounds provided can be used as inhibitors of ALK5 and are useful in the treatment of chronic fibrosis, vascular disorder, obesity, diabetes, autoimmune diseases and cancer.

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