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Synthesis of novel 1,2,3-triazole derivatives of isoniazid and their *in vitro* and *in vivo* antimycobacterial activity evaluation

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Highlights

- *In vitro* antituberculosis activity of novel 1,2,3-triazole derivatives of isoniazid was reported against *M. tuberculosis* H37Rv.
- Compounds exhibited potent activity with MIC ranging from 0.195 to 1.56 μM *in vitro*.
- One compound when tested *in vivo*, showed significant activity.
- Compounds were nontoxic against THP-1 cell line even at 50 μM concentration.

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