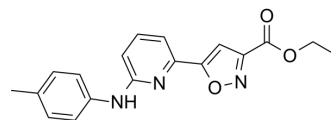


Antitubercular agent-36

Cat. No.:	HY-151960
CAS No.:	2883173-82-6
Molecular Formula:	C ₁₈ H ₁₇ N ₃ O ₃
Molecular Weight:	323.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitubercular agent-36 (compound 53) is an antitubercular agent. Antitubercular agent-36 inhibits the growth of Mtb _{H37Rv} with a MIC ₉₀ value of 1.25 µg/mL. Antitubercular agent-36 can be used for the research of tuberculosis ^[1] .
In Vitro	Antitubercular agent-36 (0-20 µg/mL; 3-4 d) shows inhibitory effect to Mtb _{H37Rv} with a MIC ₉₀ value of 1.25 µg/mL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Girardini M, et al. Expanding the knowledge around antitubercular 5-(2-aminothiazol-4-yl)isoxazole-3-carboxamides: Hit-to-lead optimization and release of a novel antitubercular chemotype via scaffold derivatization. Eur J Med Chem. 2023 Jan 5;245(Pt 2):114916.

Caution: Product has not been fully validated for medical applications. For research use only.

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