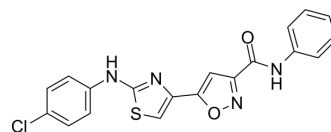


Antitubercular agent-35

Cat. No.:	HY-151958
Molecular Formula:	C ₁₉ H ₁₃ ClN ₄ O ₂ S
Molecular Weight:	396.85
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitubercular agent-35 (compound 42l) is an antitubercular agent. Antitubercular agent-35 inhibits the growth of Mtb _{H37Rv} and <i>M. Marinum</i> with MIC ₉₀ values of 1.25 and 2 µg/mL, respectively. Antitubercular agent-35 shows the ability of escaping metabolic degradation by human liver microsomes. Antitubercular agent-35 can be used for the research of tuberculosis ^[1] .
In Vitro	Antitubercular agent-35 (0-20 µg/mL; 3-4 d) shows inhibitory effect to Mtb _{H37Rv} and <i>M. Marinum</i> with MIC ₉₀ values of 1.25 and 2 µg/mL, respectively ^[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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