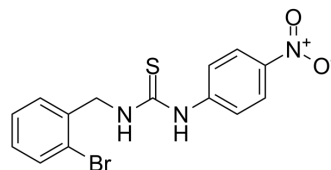


InhA-IN-4

Cat. No.:	HY-150589
CAS No.:	894309-72-9
Molecular Formula:	C ₁₄ H ₁₂ BrN ₃ O ₂ S
Molecular Weight:	366.23
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	InhA-IN-4 (TU14) is a Mycobacterium tuberculosis InhA (an enoyl ACP-reductase) inhibitor with an IC ₅₀ of 15.6 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 15.6 μM (InhA) ^[1]
In Vitro	InhA-IN-4 (TU14) shows antitubercular activity with a MIC of 1.56 ± 0.82 μg/mL against Mycobacterium tuberculosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Doğan ŞD, et al. Design and synthesis of thiourea-based derivatives as Mycobacterium tuberculosis growth and enoyl acyl carrier protein reductase (InhA) inhibitors. Eur J Med Chem. 2020 Aug 1;199:112402.

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

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