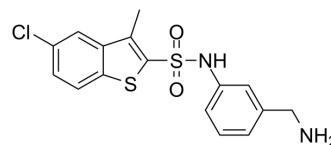


InhA-IN-2

Cat. No.:	HY-147047
CAS No.:	2428737-43-1
Molecular Formula:	C ₁₆ H ₁₅ ClN ₂ O ₂ S ₂
Molecular Weight:	366.89
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	InhA-IN-2 (Compound 23) is a Mycobacterium tuberculosis InhA (an enoyl ACP-reductase) inhibitor with an IC ₅₀ of 0.31 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.31 μM (InhA) ^[1]
In Vitro	InhA-IN-2 (Compound 23) (200 μM, 48h) inhibits mycolic acid synthesis (33% growth inhibition) in M. tuberculosis H37Ra ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sabbah M, et al. Fragment-Based Design of Mycobacterium tuberculosis InhA Inhibitors. J Med Chem. 2020 May 14;63(9):4749-4761.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA