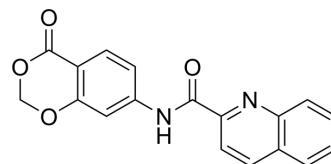


Mtb-IN-3

Cat. No.:	HY-149347
Molecular Formula:	C ₁₈ H ₁₂ N ₂ O ₄
Molecular Weight:	320.3
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Mtb-IN-3 (compound 10c) is an inhibitor of Mycobacterium tuberculosis (Mtb). Mtb-IN-3 shows selective, potent in vitro antimycobacterial activity without cytotoxicity. Mtb-IN-3 inhibits colony-forming in spleen in the murine tuberculosis model [1].
IC ₅₀ & Target	Mtb ^[1]

REFERENCES

[1]. Nawrot DE, et al. Antimycobacterial pyridine carboxamides: From design to in vivo activity. Eur J Med Chem. 2023 Oct 5;258:115617.

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

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