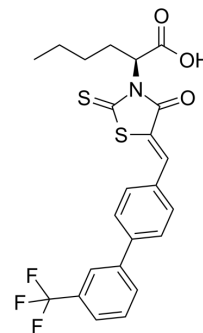


MptpB-IN-2

Cat. No.:	HY-155558
CAS No.:	3028076-11-8
Molecular Formula:	C ₂₃ H ₂₀ F ₃ NO ₃ S ₂
Molecular Weight:	479.54
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MptpB-IN-2 (compound 20) is a selective mycobacterium tuberculosis protein tyrosine phosphatase B (MptpB) inhibitor with IC₅₀s of 0.64 μM, 4.06 μM and 4.14 μM for MptpB, MptpA and PTP1B, respectively. MptpB-IN-2 shows weak antituberculosis activity with a MIC of 64.9 μM for Mtb H37Rv^[1].

REFERENCES

[1]. Shihao Cheng, et al. Design, synthesis and biological evaluation of 3-substituted-2-thioxothiazolidin-4-one (rhodanine) derivatives as antitubercular agents against Mycobacterium tuberculosis protein tyrosine phosphatase B. Eur J Med Chem

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

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