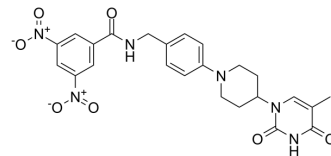


MtTMPK-IN-8

Cat. No.:	HY-146702
Molecular Formula:	C ₂₄ H ₂₄ N ₆ O ₇
Molecular Weight:	508.48
Target:	Bacterial; Thymidylate Synthase
Pathway:	Anti-infection; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MtTMPK-IN-8 (compound 27) is a moderate <i>M. tuberculosis</i> thymidylate kinase (<i>Mtb</i> TMPK) inhibitor. MtTMPK-IN-8 has sub-micromolar activity against mycobacteria (MICs = 0.78~9.4 μM) without significant cytotoxicity. MtTMPK-IN-8 can be used for researching tuberculosis ^[1] .
IC ₅₀ & Target	MtbTMPK ^[1]

REFERENCES

[1]. Jian Y, et al. Endeavors towards transformation of *M. tuberculosis* thymidylate kinase (*Mtb*TMPK) inhibitors into potential antimycobacterial agents. *Eur J Med Chem.* 2020;206:112659.

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

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