

MtTMPK-IN-8

Chemical Properties

CAS No. :

Formula: C₂₄H₂₄N₆O₇

Molecular Weight: 508.48

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	MtTMPK-IN-8 is a moderately potent inhibitor of Mycobacterium thymidylate kinase (MtbTMPK) with no significant cytotoxicity, exhibiting submicromolar activity (MICs = 0.78-9.4 μ M) against Mycobacterium and capable of being used in the study of tuberculosis.
Targets(IC50)	Others,Antibacterial,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9666 mL	9.8332 mL	19.6665 mL
5 mM	0.3933 mL	1.9666 mL	3.9333 mL
10 mM	0.1967 mL	0.9833 mL	1.9666 mL
50 mM	0.0393 mL	0.1967 mL	0.3933 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481