

MenA-IN-1

Chemical Properties

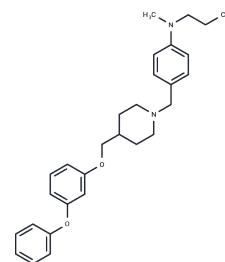
CAS No. :

Formula: C₂₉H₃₆N₂O₂

Molecular Weight: 444.61

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	MenA IN-1, a potent inhibitor of 1,4-dihydroxy-2-naphthoate isoprenyltransferase (MenA) from Mycobacterium tuberculosis (MTB), exhibits an IC ₅₀ value of 13 μM and a GI ₅₀ value of 8 μM, suggesting its potential utility in halting the ongoing proliferation of tuberculosis.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2492 mL	11.2458 mL	22.4916 mL
5 mM	0.4498 mL	2.2492 mL	4.4983 mL
10 mM	0.2249 mL	1.1246 mL	2.2492 mL
50 mM	0.045 mL	0.2249 mL	0.4498 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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