

Mtb-cyt-bd oxidase-IN-1

Chemical Properties

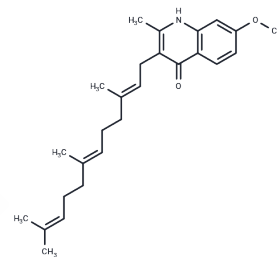
CAS No. :

Formula: C₂₆H₃₅N₂O₂

Molecular Weight: 393.56

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	Mtb-cyt-bd oxidase-IN-1 is a potent inhibitor of Mycobacterium tuberculosis cytochrome bd oxidase with an inhibition constant (IC ₅₀) of 0.13 μM, making it valuable for tuberculosis research.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5409 mL	12.7045 mL	25.4091 mL
5 mM	0.5082 mL	2.5409 mL	5.0818 mL
10 mM	0.2541 mL	1.2705 mL	2.5409 mL
50 mM	0.0508 mL	0.2541 mL	0.5082 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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