

Mtb-cyt-bd oxidase-IN-7

Chemical Properties

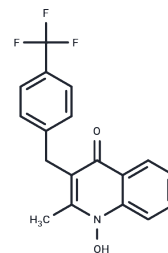
CAS No. :

Formula: C₁₈H₁₄F₃NO₂

Molecular Weight: 333.3

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-7, a cytochrome bd terminal oxidase (Cyt-bd) inhibitor, exhibits anti-tuberculosis activities with a dissociation constant (K _d) of 4.17 μM.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0003 mL	15.0015 mL	30.003 mL
5 mM	0.6001 mL	3.0003 mL	6.0006 mL
10 mM	0.300 mL	1.5002 mL	3.0003 mL
50 mM	0.060 mL	0.300 mL	0.6001 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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