

Evybactin

Chemical Properties

CAS No. :

Formula: C64H89N21O21

Molecular Weight: 1488.52

Keep away from moisture

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	Evybactin, a DNA gyrase inhibitor, selectively targets Mycobacterium tuberculosis, demonstrating a minimum inhibitory concentration (MIC) value of 0.25 µg/mL. It stands out as the initial antimicrobial agent to utilize this distinct mechanism of selectivity [1].
Targets(IC50)	Antibacterial,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6718 mL	3.359 mL	6.7181 mL
5 mM	0.1344 mL	0.6718 mL	1.3436 mL
10 mM	0.0672 mL	0.3359 mL	0.6718 mL
50 mM	0.0134 mL	0.0672 mL	0.1344 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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