

SEQ-9

## Chemical Properties

CAS No. :

Formula: C<sub>60</sub>H<sub>100</sub>N<sub>4</sub>O<sub>2</sub>S

Molecular Weight: 1229.52

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	SEQ-9 is an orally active inhibitor of the Mycobacterium tuberculosis (Mtb) 23S bacterial ribosome, with an inhibitory concentration (IC <sub>50</sub> ) around 170 nM against unmethylated Mtb ribosomes and potent effects on A2296 methylated ribosomes. It is used in research on bacterial infections and drug resistance [1].
Targets(IC <sub>50</sub> )	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8133 mL	4.0666 mL	8.1333 mL
5 mM	0.1627 mL	0.8133 mL	1.6267 mL
10 mM	0.0813 mL	0.4067 mL	0.8133 mL
50 mM	0.0163 mL	0.0813 mL	0.1627 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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