

## Antibacterial agent 138

## Chemical Properties

CAS No. :

Formula: C<sub>34</sub>H<sub>52</sub>INO<sub>4</sub>S

Molecular Weight: 697.75

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	Antibacterial agent 138 exhibits superior efficacy against multi-drug resistant bacteria by inhibiting their protein synthesis and affecting bacterial cell walls [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4332 mL	7.1659 mL	14.3318 mL
5 mM	0.2866 mL	1.4332 mL	2.8664 mL
10 mM	0.1433 mL	0.7166 mL	1.4332 mL
50 mM	0.0287 mL	0.1433 mL	0.2866 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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