

Antimicrobial agent-8

Chemical Properties

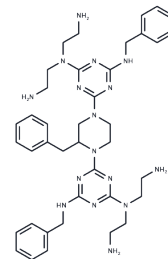
CAS No. :

Formula: C39H54N16

Molecular Weight: 746.95

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	Antimicrobial Agent-8 exhibits a high level of antimicrobial efficacy, demonstrating a minimum inhibitory concentration (MIC) range of 2-8 µg/mL against both Gram-negative and Gram-positive bacteria. Furthermore, this compound also possesses anti-inflammatory properties, effectively combating lipopolysaccharide-induced inflammation.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3388 mL	6.6939 mL	13.3878 mL
5 mM	0.2678 mL	1.3388 mL	2.6776 mL
10 mM	0.1339 mL	0.6694 mL	1.3388 mL
50 mM	0.0268 mL	0.1339 mL	0.2678 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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