

Antimicrobial agent-5

Chemical Properties

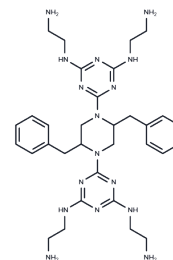
CAS No. :

Formula: C32H48N16

Molecular Weight: 656.83

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-5 is a potent antimicrobial agent that exhibits exceptional cell selectivity against both Gram-negative and Gram-positive bacteria. It inhibits the interaction between LPS (lipopolysaccharide) and the CD14/TLR4 (Toll-like receptor 4) receptor, demonstrating anti-inflammatory activity in combating LPS-induced inflammation.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5225 mL	7.6123 mL	15.2246 mL
5 mM	0.3045 mL	1.5225 mL	3.0449 mL
10 mM	0.1522 mL	0.7612 mL	1.5225 mL
50 mM	0.0304 mL	0.1522 mL	0.3045 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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