

Anti-MRSA agent 4

Chemical Properties

CAS No. :

Formula: C48H68F6N4O8

Molecular Weight: 943.07

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	Anti-MRSA agent 4 (compound 7a), a selective and potent inhibitor of Gram-positive Methicillin-resistant Staphylococcus aureus (MRSA) growth, demonstrates a minimum inhibitory concentration (MIC) of $\leq 0.26 \mu\text{M}$ and exhibits neither cytotoxic nor hemolytic activity in HEK293 cells [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0604 mL	5.3018 mL	10.6037 mL
5 mM	0.2121 mL	1.0604 mL	2.1207 mL
10 mM	0.106 mL	0.5302 mL	1.0604 mL
50 mM	0.0212 mL	0.106 mL	0.2121 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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