

Antibacterial agent 112

Chemical Properties

CAS No. :

Formula: C35H23N5O5

Molecular Weight: 593.59

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 112 (compound 2) is a potent antibacterial agent with a minimum inhibitory concentration (MIC) of 1250 μ M against B. subtilis, E. coli, E. faecalis, S. typhimurium, and S. aureus microorganisms. A3N19 is an HIV-1 antibody with antibacterial activity.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6847 mL	8.4233 mL	16.8466 mL
5 mM	0.3369 mL	1.6847 mL	3.3693 mL
10 mM	0.1685 mL	0.8423 mL	1.6847 mL
50 mM	0.0337 mL	0.1685 mL	0.3369 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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