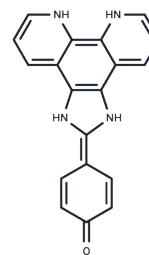


Antibacterial agent 114

Chemical Properties

CAS No. :	2733391-71-2
Formula:	C ₁₉ H ₁₄ N ₄ O
Molecular Weight:	314.34
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 114 (compound 1) is a potent antibacterial agent with MIC values of 625 μ M for <i>P. aeruginosa</i> , <i>B. subtilis</i> , <i>E. coli</i> , <i>E. faecalis</i> , and <i>S. typhimurium</i> ; and 1250 μ M for <i>S. mutans</i> and <i>S. aureus</i> microorganisms, respectively [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1813 mL	15.9063 mL	31.8127 mL
5 mM	0.6363 mL	3.1813 mL	6.3625 mL
10 mM	0.3181 mL	1.5906 mL	3.1813 mL
50 mM	0.0636 mL	0.3181 mL	0.6363 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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