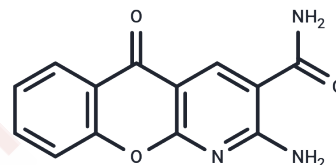


DNA ligase-IN-1

Chemical Properties

CAS No. : 68302-07-8
 Formula: C₁₃H₉N₃O₃
 Molecular Weight: 255.23
 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	DNA ligase-IN-1 (Compound 1) is an inhibitor of the bacterial NAD ⁺ -dependent DNA ligase (LigA) and effectively suppresses the in vitro growth of Staphylococcus aureus.
Targets(IC50)	Antibacterial,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.918 mL	19.5902 mL	39.1803 mL
5 mM	0.7836 mL	3.918 mL	7.8361 mL
10 mM	0.3918 mL	1.959 mL	3.918 mL
50 mM	0.0784 mL	0.3918 mL	0.7836 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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