

LasR-IN-1

Chemical Properties

CAS No. :

Formula: C₂₃H₂₁N₃O₂

Molecular Weight: 371.43

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	LasR-IN-1 (compound 9g) is a highly potent LasR inhibitor, effective against E. coli and exhibiting significant antibacterial properties with a minimum inhibitory concentration (MIC) of 28.13 µM against P. aeruginosa [1].
Targets(IC50)	Others,Antibacterial
In vitro	LasR-IN-1 (compound 9g) inhibits biofilm formation and pyocyanin production with over 60.00% efficacy [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6923 mL	13.4615 mL	26.923 mL
5 mM	0.5385 mL	2.6923 mL	5.3846 mL
10 mM	0.2692 mL	1.3461 mL	2.6923 mL
50 mM	0.0538 mL	0.2692 mL	0.5385 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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