

FG-2101

Chemical Properties

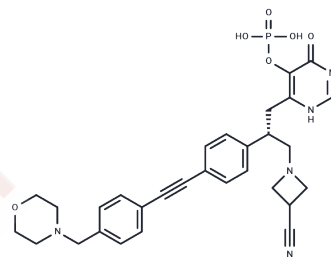
CAS No. : 2919723-66-1

Formula: C30H32N5O6P

Molecular Weight: 589.579

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	FG-2101 is a selective, orally active non-hydroxamate LpxC inhibitor with an IC50 of approximately 1 nM. It demonstrates exceptional selectivity over other bacterial and human metalloproteases. FG-2101 is useful for studying infections caused by Gram-negative bacteria, including resistant strains.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6961 mL	8.4806 mL	16.9612 mL
5 mM	0.3392 mL	1.6961 mL	3.3922 mL
10 mM	0.1696 mL	0.8481 mL	1.6961 mL
50 mM	0.0339 mL	0.1696 mL	0.3392 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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