

MRV03-070

Chemical Properties

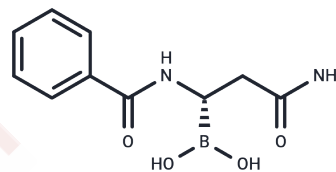
CAS No. : 2797066-29-4

Formula: C₁₀H₁₃BN₂O₄

Molecular Weight: 236.03

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	MRV03-070, acting as a biosynthetic precursor akin to precolibactin [1], is a colibactin-activating peptidase ClbP inhibitor with an inhibitory concentration (IC ₅₀) value of 69 nM.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2367 mL	21.1837 mL	42.3675 mL
5 mM	0.8473 mL	4.2367 mL	8.4735 mL
10 mM	0.4237 mL	2.1184 mL	4.2367 mL
50 mM	0.0847 mL	0.4237 mL	0.8473 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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