

MRV03-037

Chemical Properties

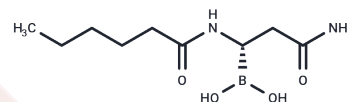
CAS No. : 2797066-28-3

Formula: C₉H₁₉BN₂O₄

Molecular Weight: 230.07

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	MRV03-037, a selective colibactin-activated peptidase (ClbP) inhibitor, effectively inhibits the genotoxic effects of Colibactin on eukaryotic cells by blocking the production of gut bacterial genotoxins [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3465 mL	21.7325 mL	43.465 mL
5 mM	0.8693 mL	4.3465 mL	8.693 mL
10 mM	0.4347 mL	2.1733 mL	4.3465 mL
50 mM	0.0869 mL	0.4347 mL	0.8693 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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