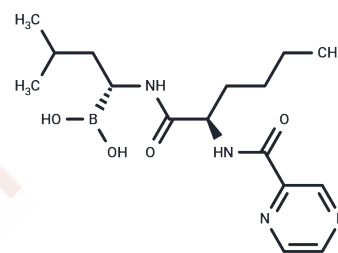


LONP1-IN-2

Chemical Properties

CAS No. :	2729981-17-1
Formula:	C ₁₆ H ₂₇ BN ₄ O ₄
Molecular Weight:	350.22
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	LONP1-IN-2 is a potent, selective inhibitor of LONP1, demonstrating an IC ₅₀ value of 0.187 μM for LONP1 and over 10 μM for the 20S proteasome. This specificity underlines its potential utility in cancer research.
Targets(IC ₅₀)	Others, Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8553 mL	14.2767 mL	28.5535 mL
5 mM	0.5711 mL	2.8553 mL	5.7107 mL
10 mM	0.2855 mL	1.4277 mL	2.8553 mL
50 mM	0.0571 mL	0.2855 mL	0.5711 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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