

RIPK1-IN-16

Chemical Properties

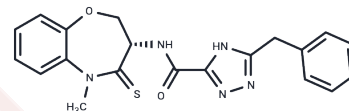
CAS No. : 2561431-77-2

Formula: C₂₀H₁₉N₅O₂S

Molecular Weight: 393.46

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	RIPK1-IN-16 is an orally active, potent RIPK1 inhibitor that mitigates excessive inflammation via inhibition of RIPK1-mediated necroptosis in vivo, protecting mice from TNF-induced systemic inflammatory response syndrome and sepsis [1].
Targets(IC50)	RIP kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5416 mL	12.7078 mL	25.4155 mL
5 mM	0.5083 mL	2.5416 mL	5.0831 mL
10 mM	0.2542 mL	1.2708 mL	2.5416 mL
50 mM	0.0508 mL	0.2542 mL	0.5083 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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