

R1-ICR-5

Chemical Properties

CAS No. : 3070346-91-4

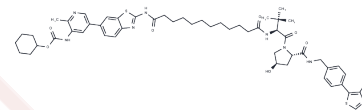
Formula: C54H70N8O7S2

Molecular Weight: 1007.31

Keep away from direct sunlight

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	R1-ICR-5 is a selective PROTAC degrader targeting serine/threonine-protein kinase 1 (RIPK1). Mediated by VHL, R1-ICR-5 promotes the degradation of RIPK1, disrupting the TNFR1 and TLR3/4 signaling hubs, enhancing NF-κB, MAPK, and IFN signal output, and facilitating RIPK3 activation and necroptosis induction. R1-ICR-5 holds potential for research in cancer and inflammatory diseases.
Targets(IC50)	NF-κB,p38 MAPK,PROTACs,Serine/threonin kinase,TLR,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9927 mL	4.9637 mL	9.9274 mL
5 mM	0.1985 mL	0.9927 mL	1.9855 mL
10 mM	0.0993 mL	0.4964 mL	0.9927 mL
50 mM	0.0199 mL	0.0993 mL	0.1985 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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