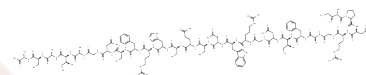


Urumin

Chemical Properties

CAS No. :	2215863-74-2
Formula:	C129H198N42O35S2
Molecular Weight:	2961.34
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Urumin, a compound with antiviral properties, inhibits human influenza A virus growth, particularly the PR8 strain, with an inhibitory concentration (IC 50) of 3.8 μ M. It acts by targeting the conserved stalk of H1 hemagglutinin and can neutralize drug-resistant H1 influenza viruses. Additionally, Urumin offers protective effects against lethal influenza infection in naive mice [1].
Targets(IC50)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3377 mL	1.6884 mL	3.3768 mL
5 mM	0.0675 mL	0.3377 mL	0.6754 mL
10 mM	0.0338 mL	0.1688 mL	0.3377 mL
50 mM	0.0068 mL	0.0338 mL	0.0675 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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