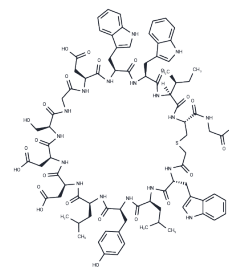


Ub4ix

Chemical Properties

CAS No. :	2396736-46-0
Formula:	C84H106N18O23S
Molecular Weight:	1767.91
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	Ub4ix, a DUB/26S proteasome inhibitor, safeguards K48-linked Ub chains against cleavage by deubiquitinating enzymes (DUBs) and inhibits the proteasomal degradation of Ub-tagged proteins. Additionally, it diminishes the viability of Hela cells and triggers apoptosis, exhibiting an IC 50 value of 1.6 μ M.
Targets(IC50)	Apoptosis,Proteasome,DUB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5656 mL	2.8282 mL	5.6564 mL
5 mM	0.1131 mL	0.5656 mL	1.1313 mL
10 mM	0.0566 mL	0.2828 mL	0.5656 mL
50 mM	0.0113 mL	0.0566 mL	0.1131 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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