

HL2-m5

Chemical Properties

CAS No. : 2130846-15-8

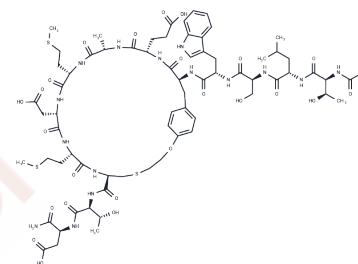
Formula: C70H101N15O24S3

Molecular Weight: 1632.83

Keep away from moisture

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	HL2-m5 is an inhibitor of the sonic hedgehog/patched (Shh/PTCH1) interaction, with a Kd for Shh of 170 nM. It effectively inhibits the activation of the Hedgehog signaling pathway and the transcription of Gli-controlled genes, with an IC50 of 230 nM.
Targets(IC50)	Hedgehog/Smoothened

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6124 mL	3.0622 mL	6.1243 mL
5 mM	0.1225 mL	0.6124 mL	1.2249 mL
10 mM	0.0612 mL	0.3062 mL	0.6124 mL
50 mM	0.0122 mL	0.0612 mL	0.1225 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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