

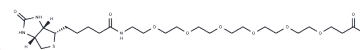
Biotin-PEG6-acid

Chemical Properties

CAS No. : 1352814-10-8

Formula: C₂₅H₄₅N₃O₁₀S

Molecular Weight: 579.7



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	Biotin-PEG6-acid is a PEG-based linker for PROTACs, essential for joining two ligands and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which consist of two distinct ligands joined by a linker—one ligand binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.725 mL	8.625 mL	17.2503 mL
5 mM	0.345 mL	1.725 mL	3.4501 mL
10 mM	0.1725 mL	0.8625 mL	1.725 mL
50 mM	0.0345 mL	0.1725 mL	0.345 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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