

Biotin-PEG4-acid

Chemical Properties

CAS No. : 721431-18-1

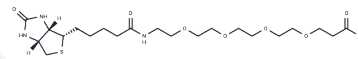
Formula: C₂₁H₃₇N₃O₈S

Molecular Weight: 491.6

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-PEG4-acid, a PEG-based linker for PROTACs, joins two essential ligands for forming PROTAC molecules and enables selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands linked together, one binding to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0342 mL	10.1709 mL	20.3417 mL
5 mM	0.4068 mL	2.0342 mL	4.0683 mL
10 mM	0.2034 mL	1.0171 mL	2.0342 mL
50 mM	0.0407 mL	0.2034 mL	0.4068 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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