

Biotin-PEG2-C4-alkyne

Chemical Properties

CAS No. : 1011268-28-2

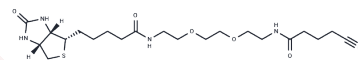
Formula: C₂₂H₃₆N₄O₅S

Molecular Weight: 468.61

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-PEG2-C4-alkyne, a PEG-based linker for PROTACs, connects two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins by comprising two distinct ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase, while the other engages the target protein [PROTACs].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.134 mL	10.6699 mL	21.3397 mL
5 mM	0.4268 mL	2.134 mL	4.2679 mL
10 mM	0.2134 mL	1.067 mL	2.134 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 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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