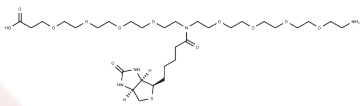
Data Sheet (Cat.No.T18373)

TargetMol

N-(Amino-PEG4)-N-Biotin-PEG4-acid

Chemical Properties



CAS No. : 2100306-84-9

Formula: C31H58N4O12S

Molecular Weight: 710.88

Storage: Keep away from direct sunlight
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	N-(Amino-PEG4)-N-Biotin-PEG4-acid is a PEG-based PROTAC linker incorporating biotin for labeling, making it a versatile tool in PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4067 mL	7.0335 mL	14.0671 mL
5 mM	0.2813 mL	1.4067 mL	2.8134 mL
10 mM	0.1407 mL	0.7034 mL	1.4067 mL
50 mM	0.0281 mL	0.1407 mL	0.2813 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.

Reference

Gadd MS, et al. Structural basis of PROTAC cooperative recognition for selective protein degradation. Nat Chem Biol. 2017 May;13(5):514-521.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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