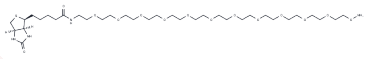
Data Sheet (Cat.No.T17558)

TargetMol

Biotin-PEG11-oxyamine

Chemical Properties



CAS No. :

Formula: C34H66N4O14S

Molecular Weight: 786.97

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	Biotin-PEG11-oxyamine, a PEG-based linker for PROTACs, joins two essential ligands and enables selective protein degradation by leveraging the [ubiquitin-proteasome system] within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2707 mL	6.3535 mL	12.707 mL
5 mM	0.2541 mL	1.2707 mL	2.5414 mL
10 mM	0.1271 mL	0.6353 mL	1.2707 mL
50 mM	0.0254 mL	0.1271 mL	0.2541 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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