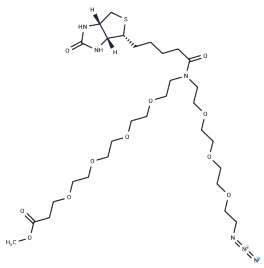
Data Sheet (Cat.No.T16184)

TargetMol

N-(Azido-PEG3)-N-Biotin-PEG4-methyl ester

Chemical Properties



CAS No. : 2100306-76-9

Formula: C30H54N6O11S

Molecular Weight: 706.85

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-(Azido-PEG3)-N-Biotin-PEG4-methyl ester is a polyethylene glycol (PEG) derivative utilized as a PROTAC linker for synthesizing Proteolysis Targeting Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4147 mL	7.0736 mL	14.1473 mL
5 mM	0.2829 mL	1.4147 mL	2.8295 mL
10 mM	0.1415 mL	0.7074 mL	1.4147 mL
50 mM	0.0283 mL	0.1415 mL	0.2829 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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