Data Sheet (Cat.No.T17466)

TargetMol

Azide-PEG16-alcohol

Chemical Properties

CAS No. :

Formula: C32H65N3O16

Molecular Weight: 747.87

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	Azide-PEG16-alcohol is a PEG-based linker for PROTACs, joining two essential ligands crucial for PROTAC molecule formation, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3371 mL	6.6857 mL	13.3713 mL
5 mM	0.2674 mL	1.3371 mL	2.6743 mL
10 mM	0.1337 mL	0.6686 mL	1.3371 mL
50 mM	0.0267 mL	0.1337 mL	0.2674 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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