

Azido-PEG15-t-butyl ester

Chemical Properties

CAS No. :

Formula: C37H73N3O17

Molecular Weight: 831.99

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	Azido-PEG15-t-butyl ester is a polyethylene glycol (PEG) derived linker, specifically designed for the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker, bind an E3 ubiquitin ligase and the target protein, thereby leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2019 mL	6.0097 mL	12.0194 mL
5 mM	0.2404 mL	1.2019 mL	2.4039 mL
10 mM	0.1202 mL	0.601 mL	1.2019 mL
50 mM	0.024 mL	0.1202 mL	0.2404 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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