

Azido-PEG4-Amido-tri-(t-butoxycarbonyloxyethyl)-methane

Chemical Properties

CAS No. : 1421933-29-0

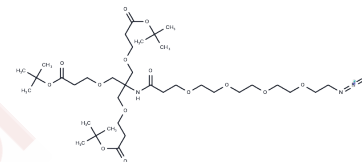
Formula: C₃₆H₆₆N₄O₁₄

Molecular Weight: 778.93

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-PEG4-Amido-tri-(t-butoxycarbonyloxyethyl)-methane, a PEG-derived PROTAC linker, is used for PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other 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	1.2838 mL	6.4191 mL	12.8381 mL
5 mM	0.2568 mL	1.2838 mL	2.5676 mL
10 mM	0.1284 mL	0.6419 mL	1.2838 mL
50 mM	0.0257 mL	0.1284 mL	0.2568 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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