

Azido-PEG8-C-Boc

Chemical Properties

CAS No. : 1984776-39-7

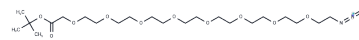
Formula: C₂₂H₄₃N₃O₁₀

Molecular Weight: 509.597

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-PEG8-C-Boc is a PEG-based linker for PROTACs that connects two essential ligands, crucial for forming PROTAC molecules. This linker facilitates selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein, leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9623 mL	9.8116 mL	19.6232 mL
5 mM	0.3925 mL	1.9623 mL	3.9246 mL
10 mM	0.1962 mL	0.9812 mL	1.9623 mL
50 mM	0.0392 mL	0.1962 mL	0.3925 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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