

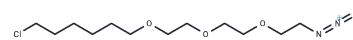
Azido-PEG3-C6-Cl

Chemical Properties

CAS No. : 1625717-44-3

Formula: C₁₂H₂₄ClN₃O₃

Molecular Weight: 293.79



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-PEG3-C6-Cl is a PEG-based linker for PROTACs, which connects two essential ligands crucial for PROTAC molecule formation, enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two different ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4038 mL	17.019 mL	34.0379 mL
5 mM	0.6808 mL	3.4038 mL	6.8076 mL
10 mM	0.3404 mL	1.7019 mL	3.4038 mL
50 mM	0.0681 mL	0.3404 mL	0.6808 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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