

Azido-PEG3-aminoacetic acid-NHS ester

Chemical Properties

CAS No. : 2170240-91-0

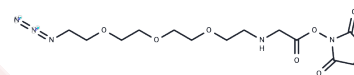
Formula: C14H23N5O7

Molecular Weight: 373.36

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-aminoacetic acid-NHS ester is a PEGylation-based linker for the synthesis of PROTACs[1], providing a versatile and efficient approach.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one for an E3 ubiquitin ligase and the other for the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6784 mL	13.3919 mL	26.7838 mL
5 mM	0.5357 mL	2.6784 mL	5.3568 mL
10 mM	0.2678 mL	1.3392 mL	2.6784 mL
50 mM	0.0536 mL	0.2678 mL	0.5357 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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