

2-(Azido-PEG3-amido)-1,3-bis(carboxylethoxy)propane

Chemical Properties

CAS No. : 2086689-05-4

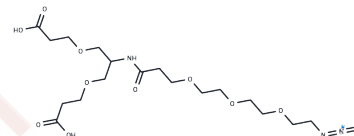
Formula: C₁₈H₃₂N₄O₁₀

Molecular Weight: 464.472

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	2-Azido-PEG3-amido-1,3-bis(carboxylethoxy)propane is a polyethylene glycol (PEG)-based linker designed for constructing PROTACs.
Targets(IC50)	Others, PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.153 mL	10.765 mL	21.5299 mL
5 mM	0.4306 mL	2.153 mL	4.306 mL
10 mM	0.2153 mL	1.0765 mL	2.153 mL
50 mM	0.0431 mL	0.2153 mL	0.4306 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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