

Azido-PEG4-amido-tri-(carboxyethoxymethyl)-methane

Chemical Properties

CAS No. : 1398044-51-3

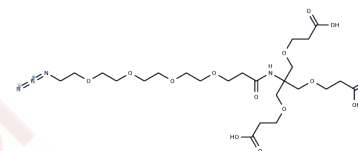
Formula: C₂₄H₄₂N₄O₁₄

Molecular Weight: 610.61

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-(carboxyethoxymethyl)-methane is a PEG-based linker compound used in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6377 mL	8.1885 mL	16.3771 mL
5 mM	0.3275 mL	1.6377 mL	3.2754 mL
10 mM	0.1638 mL	0.8189 mL	1.6377 mL
50 mM	0.0328 mL	0.1638 mL	0.3275 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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