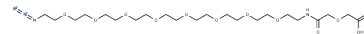


2-((Azido-PEG8-carbamoyl)methoxy)acetic acid

Chemical Properties

CAS No. :	846549-37-9
Formula:	C22H42N4O12
Molecular Weight:	554.59
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	2-((Azido-PEG8-carbamoyl)methoxy)acetic acid is a polyethylene glycol (PEG) derivative used as a linker in the synthesis of proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8031 mL	9.0157 mL	18.0313 mL
5 mM	0.3606 mL	1.8031 mL	3.6063 mL
10 mM	0.1803 mL	0.9016 mL	1.8031 mL
50 mM	0.0361 mL	0.1803 mL	0.3606 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

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