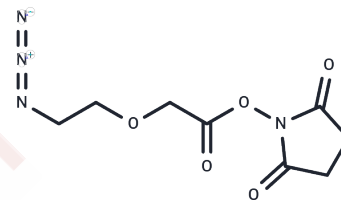


Azido-PEG1-CH2CO2-NHS

Chemical Properties

CAS No. :	1480545-09-2
Formula:	C8H10N4O5
Molecular Weight:	242.19
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	Azido-PEG1-CH2CO2-NHS is an alkyl/ether-based linker utilized in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.129 mL	20.6449 mL	41.2899 mL
5 mM	0.8258 mL	4.129 mL	8.258 mL
10 mM	0.4129 mL	2.0645 mL	4.129 mL
50 mM	0.0826 mL	0.4129 mL	0.8258 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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