

Azido-PEG12-acid

Chemical Properties

CAS No. : 2152679-71-3

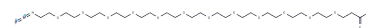
Formula: C₂₇H₅₃N₃O₁₄

Molecular Weight: 643.72

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-PEG12-acid (PROTAC Linker 13) is a polyethylene glycol-based linker utilized in the synthesis of PROTACs.
Targets(IC50)	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. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5535 mL	7.7674 mL	15.5347 mL
5 mM	0.3107 mL	1.5535 mL	3.1069 mL
10 mM	0.1553 mL	0.7767 mL	1.5535 mL
50 mM	0.0311 mL	0.1553 mL	0.3107 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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