

m-PEG12-azide

Chemical Properties

CAS No. : 2170098-29-8

Formula: C₂₅H₅₁N₃O₁₂

Molecular Weight: 585.69

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	m-PEG12-azide, a PEG-based PROTAC linker, is 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, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7074 mL	8.5369 mL	17.0739 mL
5 mM	0.3415 mL	1.7074 mL	3.4148 mL
10 mM	0.1707 mL	0.8537 mL	1.7074 mL
50 mM	0.0341 mL	0.1707 mL	0.3415 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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