

Azide-PEG12-alcohol

Chemical Properties

CAS No. : 1821464-55-4

Formula: C₂₄H₄₉N₃O₁₂

Molecular Weight: 571.66

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	Azide-PEG12-alcohol, a PEG-based PROTAC linker, is utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands joined by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7493 mL	8.7465 mL	17.4929 mL
5 mM	0.3499 mL	1.7493 mL	3.4986 mL
10 mM	0.1749 mL	0.8746 mL	1.7493 mL
50 mM	0.035 mL	0.1749 mL	0.3499 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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