

Azide-PEG12-Tos

Chemical Properties

CAS No. : 1821464-56-5

Formula: C₃₁H₅₅N₃O₁₄S

Molecular Weight: 725.85

Keep away from direct sunlight

Storage: Pure form: -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-Tos is a PEG-based PROTAC linker employed in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs are molecules consisting of two distinct ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3777 mL	6.8885 mL	13.777 mL
5 mM	0.2755 mL	1.3777 mL	2.7554 mL
10 mM	0.1378 mL	0.6888 mL	1.3777 mL
50 mM	0.0276 mL	0.1378 mL	0.2755 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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