

Azido-PEG9-alcohol

Chemical Properties

CAS No. : 1984776-37-5

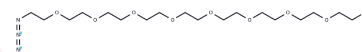
Formula: C₁₈H₃₇N₃O₉

Molecular Weight: 439.5

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	Azido-PEG9-alcohol, a PEG-based PROTAC linker, is utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one targets an E3 ubiquitin ligase and the other targets the specific protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs achieve selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2753 mL	11.3766 mL	22.7531 mL
5 mM	0.4551 mL	2.2753 mL	4.5506 mL
10 mM	0.2275 mL	1.1377 mL	2.2753 mL
50 mM	0.0455 mL	0.2275 mL	0.4551 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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