

Bromo-PEG1-C2-azide

Chemical Properties

CAS No. : 1144106-65-9

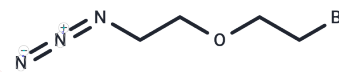
Formula: C₄H₈BrN₃O

Molecular Weight: 194.03

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	Bromo-PEG1-C2-azide, a PEG-based PROTAC linker, is utilized in the synthesis of PROTACs.
Targets(IC ₅₀)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other to the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1538 mL	25.7692 mL	51.5384 mL
5 mM	1.0308 mL	5.1538 mL	10.3077 mL
10 mM	0.5154 mL	2.5769 mL	5.1538 mL
50 mM	0.1031 mL	0.5154 mL	1.0308 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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