

Benzyl-PEG3-CH2-Boc

Chemical Properties

CAS No. : 1443467-88-6

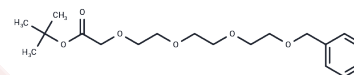
Formula: C19H30O6

Molecular Weight: 354.44

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	Benzyl-PEG3-CH2-Boc is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds featuring two distinct ligands, linked by a connector; one ligand binds to an E3 ubiquitin ligase, while the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8214 mL	14.1068 mL	28.2135 mL
5 mM	0.5643 mL	2.8214 mL	5.6427 mL
10 mM	0.2821 mL	1.4107 mL	2.8214 mL
50 mM	0.0564 mL	0.2821 mL	0.5643 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

Girardini M, et al. Cereblon versus VHL: Hijacking E3 ligases against each other using PROTACs. Bioorg Med Chem. 2019 Jun 15;27(12):2466-2479.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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