

Cbz-NH-PEG3-CH₂COOH

Chemical Properties

CAS No. : 462100-05-6

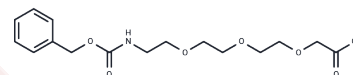
Formula: C₁₆H₂₃N₇O₇

Molecular Weight: 341.36

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	Cbz-NH-PEG3-CH ₂ COOH is a PEG-based PROTAC linker utilized in the synthesis of PROTACs (Proteolysis Targeting Chimeras).
Targets(IC ₅₀)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9295 mL	14.6473 mL	29.2946 mL
5 mM	0.5859 mL	2.9295 mL	5.8589 mL
10 mM	0.2929 mL	1.4647 mL	2.9295 mL
50 mM	0.0586 mL	0.2929 mL	0.5859 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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