

Cbz-NH-PEG8-CH2COOH

Chemical Properties

CAS No. :

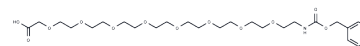
Formula: C26H43NO12

Molecular Weight: 561.62

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	Cbz-NH-PEG8-CH2COOH is a PEG-based linker for PROTACs that connects two essential ligands, crucial for forming PROTAC molecules, and facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins, utilizing two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7806 mL	8.9028 mL	17.8056 mL
5 mM	0.3561 mL	1.7806 mL	3.5611 mL
10 mM	0.1781 mL	0.8903 mL	1.7806 mL
50 mM	0.0356 mL	0.1781 mL	0.3561 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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