

Cbz-NH-PEG24-C2-acid

Chemical Properties

CAS No. :

Formula: C59H109NO28

Molecular Weight: 1280.49

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-PEG24-C2-acid is a PEG-based linker for PROTACs that enables selective protein degradation by linking two essential ligands, crucial for forming PROTAC molecules, and leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.781 mL	3.9048 mL	7.8095 mL
5 mM	0.1562 mL	0.781 mL	1.5619 mL
10 mM	0.0781 mL	0.3905 mL	0.781 mL
50 mM	0.0156 mL	0.0781 mL	0.1562 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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