

## Cbz-NH-PEG36-C2-acid

## Chemical Properties

CAS No. :

Formula: C83H157NO40

Molecular Weight: 1809.12

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-PEG36-C2-acid is a PEG-based linker for PROTACs, facilitating the conjugation of two essential ligands vital for PROTAC molecule formation. It enables selective protein degradation by utilizing the cell's ubiquitin-proteasome system.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands linked together—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5528 mL	2.7638 mL	5.5275 mL
5 mM	0.1106 mL	0.5528 mL	1.1055 mL
10 mM	0.0553 mL	0.2764 mL	0.5528 mL
50 mM	0.0111 mL	0.0553 mL	0.1106 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.

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