

## Cbz-N-amido-PEG20-acid

## Chemical Properties

CAS No. :

Formula: C51H93NO24

Molecular Weight: 1104.28

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-N-amido-PEG20-acid is a PEG-based linker for PROTACs [proteolysis-targeting chimeras] that connects two critical ligands essential for the formation of PROTAC molecules, facilitating selective protein degradation through 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 by linking two distinct ligands with a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9056 mL	4.5278 mL	9.0557 mL
5 mM	0.1811 mL	0.9056 mL	1.8111 mL
10 mM	0.0906 mL	0.4528 mL	0.9056 mL
50 mM	0.0181 mL	0.0906 mL	0.1811 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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