

## Cbz-NH-PEG5-CH2COOH

## Chemical Properties

CAS No. : 1449390-66-2

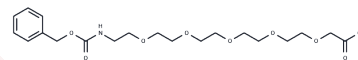
Formula: C20H31NO9

Molecular Weight: 429.46

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-PEG5-CH2COOH is a PEG-based PROTAC linker used in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs, which consist of two distinct ligands connected by a linker—one binding an E3 ubiquitin ligase and the other targeting a specific protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3285 mL	11.6425 mL	23.2851 mL
5 mM	0.4657 mL	2.3285 mL	4.657 mL
10 mM	0.2329 mL	1.1643 mL	2.3285 mL
50 mM	0.0466 mL	0.2329 mL	0.4657 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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