

## Cbz-aminoxy-PEG8-acid

## Chemical Properties

CAS No. : 2353410-09-8

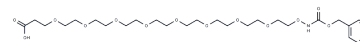
Formula: C<sub>27</sub>H<sub>45</sub>N<sub>3</sub>O<sub>13</sub>

Molecular Weight: 591.65

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-aminoxy-PEG8-acid is a PEG-based linker used in PROTACs to join two essential ligands, facilitating selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two distinct ligands connected by a linker—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	1.6902 mL	8.4509 mL	16.9019 mL
5 mM	0.338 mL	1.6902 mL	3.3804 mL
10 mM	0.169 mL	0.8451 mL	1.6902 mL
50 mM	0.0338 mL	0.169 mL	0.338 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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