

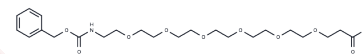
## Cbz-NH-PEG6-C2-acid

## Chemical Properties

CAS No. : 1334177-80-8

Formula: C<sub>23</sub>H<sub>37</sub>N<sub>10</sub>O<sub>10</sub>

Molecular Weight: 487.54



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-PEG6-C2-acid [CB92080147] is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two different ligands connected by a linker: one targets an E3 ubiquitin ligase and the other binds to the target protein. They exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0511 mL	10.2556 mL	20.5111 mL
5 mM	0.4102 mL	2.0511 mL	4.1022 mL
10 mM	0.2051 mL	1.0256 mL	2.0511 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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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