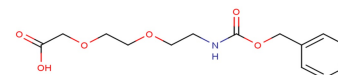


Cbz-NH-PEG2-CH₂COOH**Chemical Properties**

CAS No.: 165454-06-8
Formula: C₁₄H₁₉NO₆
Molecular Weight: 297.3
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Cbz-NH-PEG2-CH ₂ COOH is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].
Targets(IC ₅₀)	PEGs: None
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.364 mL	16.818 mL	33.636 mL
5 mM	0.673 mL	3.364 mL	6.727 mL
10 mM	0.336 mL	1.682 mL	3.364 mL
50 mM	0.067 mL	0.336 mL	0.673 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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