

Cbz-NH-PEG2-CH₂COOH

Chemical Properties

CAS No. : 165454-06-8

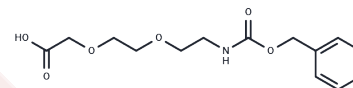
Formula: C₁₄H₁₉NO₆

Molecular Weight: 297.3

Keep away from direct sunlight

Storage: Pure form: -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-PEG2-CH ₂ COOH is a PEG-based PROTAC linker [PROTACs] useful in PROTAC synthesis.
Targets(IC ₅₀)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binding to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3636 mL	16.818 mL	33.6361 mL
5 mM	0.6727 mL	3.3636 mL	6.7272 mL
10 mM	0.3364 mL	1.6818 mL	3.3636 mL
50 mM	0.0673 mL	0.3364 mL	0.6727 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481