

Bis-PEG1-C-PEG1-CH<sub>2</sub>COOH

## Chemical Properties

CAS No. : 2358775-67-2

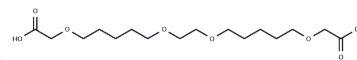
Formula: C<sub>16</sub>H<sub>30</sub>O<sub>8</sub>

Molecular Weight: 350.4

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	Bis-PEG1-C-PEG1-CH <sub>2</sub> COOH (PROTAC Linker 26) is a PEG-based linker suitable for the synthesis of PROTACs, which are compound complexes designed to selectively degrade target proteins[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the protein of interest. They utilize the ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8539 mL	14.2694 mL	28.5388 mL
5 mM	0.5708 mL	2.8539 mL	5.7078 mL
10 mM	0.2854 mL	1.4269 mL	2.8539 mL
50 mM	0.0571 mL	0.2854 mL	0.5708 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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