

## Butoxycarbonyl-PEG5-sulfonic acid

## Chemical Properties

CAS No. : 1817735-28-6

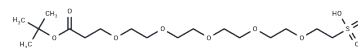
Formula: C17H34O10S

Molecular Weight: 430.51

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	Butoxycarbonyl-PEG5-sulfonic acid is a PEG-based PROTAC linker used for synthesizing PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3228 mL	11.6141 mL	23.2283 mL
5 mM	0.4646 mL	2.3228 mL	4.6457 mL
10 mM	0.2323 mL	1.1614 mL	2.3228 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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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