

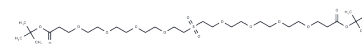
## Boc-PEG4-sulfone-PEG4-Boc

## Chemical Properties

CAS No. :

Formula: C30H58O14S

Molecular Weight: 674.84



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	Boc-PEG4-sulfone-PEG4-Boc is a polyethylene glycol (PEG)-derived linker developed for synthesizing proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase, and the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4818 mL	7.4092 mL	14.8183 mL
5 mM	0.2964 mL	1.4818 mL	2.9637 mL
10 mM	0.1482 mL	0.7409 mL	1.4818 mL
50 mM	0.0296 mL	0.1482 mL	0.2964 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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