

## Ms-PEG12-Boc

## Chemical Properties

CAS No. :

Formula: C32H64O17S

Molecular Weight: 752.91



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	Ms-PEG12-Boc, a PEG-based linker for PROTACs, connects two essential ligands necessary for creating PROTAC molecules, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker, target proteins for degradation via the intracellular ubiquitin-proteasome system. One ligand binds to an E3 ubiquitin ligase, while the other binds to the target protein[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3282 mL	6.6409 mL	13.2818 mL
5 mM	0.2656 mL	1.3282 mL	2.6564 mL
10 mM	0.1328 mL	0.6641 mL	1.3282 mL
50 mM	0.0266 mL	0.1328 mL	0.2656 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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