

## m-PEG3-S-PEG3-Boc

## Chemical Properties

CAS No. : 2055040-96-3

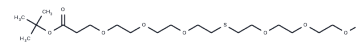
Formula: C<sub>20</sub>H<sub>40</sub>O<sub>8</sub>S

Molecular Weight: 440.59

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	m-PEG3-S-PEG3-Boc is a polyethylene glycol (PEG) and alkyl/ether-based linker used in the synthesis of PROteolysis TArgeting Chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands connected by a linker; one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2697 mL	11.3484 mL	22.6968 mL
5 mM	0.4539 mL	2.2697 mL	4.5394 mL
10 mM	0.227 mL	1.1348 mL	2.2697 mL
50 mM	0.0454 mL	0.227 mL	0.4539 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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