# Data Sheet (Cat.No.T18187)

TargetMol

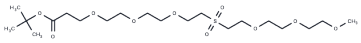
## m-PEG3-Sulfone-PEG3-Boc

### Chemical Properties

CAS No. : 2055041-00-2

Formula: C20H40O10S

Molecular Weight: 472.59



Storage: Keep away from direct sunlight
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-Sulfone-PEG3-Boc is a polyethylene glycol (PEG)-derived proteolysis-targeting chimera (PROTAC) linker used in the synthesis of PROTACs[1]. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs consist of two ligands connected by a linker: one binding to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.116 mL | 10.580 mL | 21.160 mL |
| 5 mM | 0.4232 mL | 2.116 mL | 4.232 mL |
| 10 mM | 0.2116 mL | 1.058 mL | 2.116 mL |
| 50 mM | 0.0423 mL | 0.2116 mL | 0.4232 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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