# Data Sheet (Cat.No.T18122)

TargetMol

## m-PEG10-SH

### Chemical Properties



CAS No. : 651042-85-2

Formula: C21H44O10S

Molecular Weight: 488.63

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-PEG10-SH is a PEG-based linker (PROTACs) that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs, consisting of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.0465 mL | 10.2327 mL | 20.4654 mL |
| 5 mM | 0.4093 mL | 2.0465 mL | 4.0931 mL |
| 10 mM | 0.2047 mL | 1.0233 mL | 2.0465 mL |
| 50 mM | 0.0409 mL | 0.2047 mL | 0.4093 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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