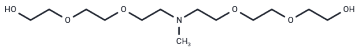
# Data Sheet (Cat.No.T18441)

TargetMol

## N-Me-N-bis-PEG3

### Chemical Properties



CAS No. : 342818-95-5

Formula: C13H29NO6

Molecular Weight: 295.37

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 | N-Me-N-bis-PEG3 is a PEG-based linker for PROTACs, facilitating the joining of two essential ligands crucial for PROTAC molecule formation. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs encompass two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 3.3856 mL | 16.9279 mL | 33.8558 mL |
| 5 mM | 0.6771 mL | 3.3856 mL | 6.7712 mL |
| 10 mM | 0.3386 mL | 1.6928 mL | 3.3856 mL |
| 50 mM | 0.0677 mL | 0.3386 mL | 0.6771 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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