# Data Sheet (Cat.No.T17604)

TargetMol

## Bis-Mal-PEG19

### Chemical Properties

CAS No. :

Formula: C54H94N4O25

Molecular Weight: 1199.34

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 | Bis-Mal-PEG19 is a PEG-based linker for PROTACs, joining two essential ligands to facilitate the formation of PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs consist of two distinct ligands joined by a linker: one binds to an E3 ubiquitin ligase, and the other binds to the target protein. These molecules leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 0.8338 mL | 4.169 mL | 8.3379 mL |
| 5 mM | 0.1668 mL | 0.8338 mL | 1.6676 mL |
| 10 mM | 0.0834 mL | 0.4169 mL | 0.8338 mL |
| 50 mM | 0.0167 mL | 0.0834 mL | 0.1668 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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