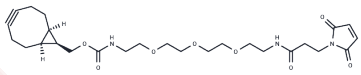
# Data Sheet (Cat.No.T17935)

TargetMol

## endo-BCN-PEG3-mal

### Chemical Properties



CAS No. : 2141976-33-0

Formula: C26H37N3O8

Molecular Weight: 519.59

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 | endo-BCN-PEG3-mal is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.9246 mL | 9.623 mL | 19.2459 mL |
| 5 mM | 0.3849 mL | 1.9246 mL | 3.8492 mL |
| 10 mM | 0.1925 mL | 0.9623 mL | 1.9246 mL |
| 50 mM | 0.0385 mL | 0.1925 mL | 0.3849 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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