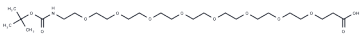
# Data Sheet (Cat.No.T17683)

TargetMol

## Boc-NH-PEG8-CH2CH2COOH

### Chemical Properties



CAS No. : 1334169-93-5

Formula: C24H47NO12

Molecular Weight: 541.63

Storage: Keep away from direct sunlight
Pure form: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

### Biological Description

| | |
|---|---|
| Description | Boc-NH-PEG8-CH2CH2COOH is a PEG-based PROTAC linker utilized in PROTAC synthesis. |
| Targets(IC50) | PROTAC Linker |
| In vitro | PROTACs consist of two ligands joined by a linker: one binds to an E3 ubiquitin ligase, and the other to the target protein. This mechanism leverages the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.8463 mL | 9.2314 mL | 18.4628 mL |
| 5 mM | 0.3693 mL | 1.8463 mL | 3.6926 mL |
| 10 mM | 0.1846 mL | 0.9231 mL | 1.8463 mL |
| 50 mM | 0.0369 mL | 0.1846 mL | 0.3693 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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