# Data Sheet (Cat.No.T17955)

TargetMol

## Fmoc-NH-PEG12-CH2CH2COOH

### Chemical Properties

CAS No. : 1952360-91-6

Formula: C42H65NO16

Molecular Weight: 839.96

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 | Fmoc-NH-PEG12-CH2CH2COOH is a PEG-based PROTAC linker that can be used in PROTAC synthesis. |
| Targets(IC50) | PROTAC Linker |
| In vitro | PROTACs, comprised of two distinct 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 | 1.1905 mL | 5.9527 mL | 11.9053 mL |
| 5 mM | 0.2381 mL | 1.1905 mL | 2.3811 mL |
| 10 mM | 0.1191 mL | 0.5953 mL | 1.1905 mL |
| 50 mM | 0.0238 mL | 0.1191 mL | 0.2381 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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