

## Boc-NH-PEG11-NH2

## Chemical Properties

CAS No. : 1233234-77-9

Formula: C<sub>29</sub>H<sub>60</sub>N<sub>2</sub>O<sub>13</sub>

Molecular Weight: 644.79

Keep away from direct sunlight

Storage: 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-PEG11-NH2 is a PEG-based PROTAC linker utilized in PROTAC synthesis.  |
| Targets(IC50) | PROTAC Linker  |
| In vitro      | PROTACs comprise two ligands linked by a connector: one ligand binds to an E3 ubiquitin ligase, and the other targets the specific protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.5509 mL | 7.7545 mL | 15.5089 mL |
| 5 mM  | 0.3102 mL | 1.5509 mL | 3.1018 mL  |
| 10 mM | 0.1551 mL | 0.7754 mL | 1.5509 mL  |
| 50 mM | 0.031 mL  | 0.1551 mL | 0.3102 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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