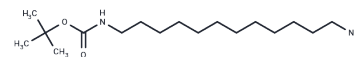


## Boc-NH-C12-NH2

### Chemical Properties

CAS No. : 109792-60-1  
Formula: C17H36N2O2  
Molecular Weight: 300.48  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|               |                                                                                                                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Boc-NH-C12-NH2 is an alkyl/ether-based PROTAC linker that can be used in PROTAC synthesis.                                                                                                                                                                            |
| Targets(IC50) | Others,PROTAC Linker                                                                                                                                                                                                                                                  |
| In vitro      | PROTACs contain two different ligands connected by a linker; one of them is a ligand for an E3 ubiquitin ligase and the other one is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 3.328 mL  | 16.640 mL | 33.2801 mL |
| 5 mM  | 0.6656 mL | 3.328 mL  | 6.656 mL   |
| 10 mM | 0.3328 mL | 1.664 mL  | 3.328 mL   |
| 50 mM | 0.0666 mL | 0.3328 mL | 0.6656 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.

### 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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