# Data Sheet (Cat.No.T16050)



## Methylamino-PEG2-Boc

#### **Chemical Properties**

CAS No.: 1807521-04-5

Formula: C12H25NO4

Molecular Weight: 247.33

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

## **Biological Description**

Description	Methylamino-PEG2-Boc is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other 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	4.0432 mL	20.21 <mark>59 mL</mark>	40.4318 mL	
5 mM	0.8086 mL	4.0432 mL	8.0864 mL	
10 mM	0.4043 mL	2.0216 mL	4.0432 mL	
50 mM	0.0809 mL	0.4043 mL	0.8086 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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