# Data Sheet (Cat.No.T15305)

C23H27NO7



## Fmoc-amino-PEG3-CH2COOH

### **Chemical Properties**

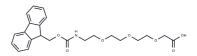
Formula:

CAS No.: 139338-72-0

Molecular Weight: 429.46

Appearance: no data available

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



# **Biological Description**

Description	Fmoc-amino-PEG3-CH2COOH is a polyethylene glycol (PEG)-based linker, primarily employed for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
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	2.3285 mL	11.6425 mL	23.2851 mL	
5 mM	0.4657 mL	2.3285 mL	4.657 mL	
10 mM	0.2329 mL	1.1643 mL	2.3285 mL	
50 mM	0.0466 mL	0.2329 mL	0.4657 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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