# Data Sheet (Cat.No.T16660)



### N3-PEG3-CH2COOH

# **Chemical Properties**

CAS No.: 172531-37-2

Formula: C8H15N3O5

Molecular Weight: 233.22

Appearance: no data available

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

# **Biological Description**

Description	N3-PEG3-CH2COOH (PROTAC Linker 14) is a PEG-based compound utilized for the synthesis of PROTACs.
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**

30	1mg	5mg	10mg	
1 mM	4.2878 mL	21.4 <mark>39 mL</mark>	42.878 mL	
5 mM	0.8576 mL	4.2878 mL	8.5756 mL	
10 mM	0.4288 mL	2.1439 mL	4.2878 mL	
50 mM	0.0858 mL	0.4288 mL	0.8576 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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Page 1 of 1 www.targetmol.com