# Data Sheet (Cat.No.T18214)



## m-PEG7-alcohol

Chemical Propert	ies		
CAS No. :	4437-01-8		
Formula:	C15H32O8		
Molecular Weight:	340.41	но,	
Appearance: 🦲	no data available		
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year		

### **Biological Description**

Description	m-PEG7-alcohol (O-Methyl-heptaethylene glycol) is a PEG-based PROTAC linker. m- PEG7-alcohol can be used in the synthesis of PROTACs.
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	2.9376 mL	14.68 <mark>8</mark> 2 mL	29.3763 mL	
5 mM	0.5875 mL	2.9376 mL	5.8753 mL	
10 mM	0.2938 mL	1.4688 mL	2.9376 mL	
50 mM	0.0588 mL	0.2938 mL	0.5875 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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