

## PEG7-O-Ms

## Chemical Properties

CAS No. : 1217601-12-1

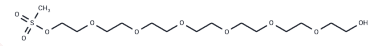
Formula: C15H32O10S

Molecular Weight: 404.47

Keep away from direct sunlight

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

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	PEG7-O-Ms 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,PROTAC Linker
In vitro	PROTACs are bifunctional molecules featuring two distinct ligands connected by a linker: one binding to an E3 ubiquitin ligase and the other to a target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4724 mL	12.3619 mL	24.7237 mL
5 mM	0.4945 mL	2.4724 mL	4.9447 mL
10 mM	0.2472 mL	1.2362 mL	2.4724 mL
50 mM	0.0494 mL	0.2472 mL	0.4945 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481