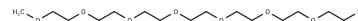


## m-PEG7-thiol

## Chemical Properties

CAS No. :	651042-82-9
Formula:	C15H32O7S
Molecular Weight:	356.48
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	m-PEG7-thiol, a PEG-based linker for PROTACs, facilitates the formation of PROTAC molecules by joining two essential ligands. This linker promotes selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They use the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8052 mL	14.026 mL	28.0521 mL
5 mM	0.561 mL	2.8052 mL	5.6104 mL
10 mM	0.2805 mL	1.4026 mL	2.8052 mL
50 mM	0.0561 mL	0.2805 mL	0.561 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

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