

## m-PEG4-SH

## Chemical Properties

CAS No. : 52190-55-3

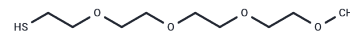
Formula: C<sub>9</sub>H<sub>20</sub>O<sub>4</sub>S

Molecular Weight: 224.32

Keep away from direct sunlight

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

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	m-PEG4-SH is a PEG-based PROTAC linker used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other targets a specific protein, leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4579 mL	22.2896 mL	44.5792 mL
5 mM	0.8916 mL	4.4579 mL	8.9158 mL
10 mM	0.4458 mL	2.229 mL	4.4579 mL
50 mM	0.0892 mL	0.4458 mL	0.8916 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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