

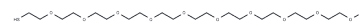
## m-PEG10-SH

## Chemical Properties

CAS No. : 651042-85-2

Formula: C<sub>21</sub>H<sub>44</sub>O<sub>10</sub>S

Molecular Weight: 488.63



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	m-PEG10-SH is a PEG-based linker (PROTACs) that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0465 mL	10.2327 mL	20.4654 mL
5 mM	0.4093 mL	2.0465 mL	4.0931 mL
10 mM	0.2047 mL	1.0233 mL	2.0465 mL
50 mM	0.0409 mL	0.2047 mL	0.4093 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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