

## m-PEG25-Propargyl

## Chemical Properties

CAS No. :

Formula: C52H102O25

Molecular Weight: 1127.35

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-PEG25-Propargyl, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two different ligands linked together—one for an E3 ubiquitin ligase and the other for the target protein—exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.887 mL	4.4352 mL	8.8704 mL
5 mM	0.1774 mL	0.887 mL	1.7741 mL
10 mM	0.0887 mL	0.4435 mL	0.887 mL
50 mM	0.0177 mL	0.0887 mL	0.1774 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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