

## m-PEG36-Mal

## Chemical Properties

CAS No. :

Formula: C80H154N2O39

Molecular Weight: 1768.07

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-PEG36-Mal is a PEG-based linker for PROTACs, joining two essential ligands necessary for forming PROTAC molecules. This linker facilitates selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5656 mL	2.8279 mL	5.6559 mL
5 mM	0.1131 mL	0.5656 mL	1.1312 mL
10 mM	0.0566 mL	0.2828 mL	0.5656 mL
50 mM	0.0113 mL	0.0566 mL	0.1131 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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