

## m-PEG36-amine

## Chemical Properties

CAS No. :

Formula: C73H149NO36

Molecular Weight: 1616.97

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-amine, a PEG-based linker for PROTACs, facilitates the formation of PROTAC molecules by connecting two essential ligands, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands joined by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6184 mL	3.0922 mL	6.1844 mL
5 mM	0.1237 mL	0.6184 mL	1.2369 mL
10 mM	0.0618 mL	0.3092 mL	0.6184 mL
50 mM	0.0124 mL	0.0618 mL	0.1237 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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