

## m-PEG36-azide

## Chemical Properties

CAS No. :

Formula: C73H147N3O36

Molecular Weight: 1642.95

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-azide is a PEG-based linker for PROTACs that connects two critical ligands, facilitating the formation of PROTAC molecules, thereby enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6087 mL	3.0433 mL	6.0866 mL
5 mM	0.1217 mL	0.6087 mL	1.2173 mL
10 mM	0.0609 mL	0.3043 mL	0.6087 mL
50 mM	0.0122 mL	0.0609 mL	0.1217 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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