

## Azido-PEG36-acid

## Chemical Properties

CAS No. :

Formula: C75H149N3O38

Molecular Weight: 1701

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

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5879 mL	2.9394 mL	5.8789 mL
5 mM	0.1176 mL	0.5879 mL	1.1758 mL
10 mM	0.0588 mL	0.2939 mL	0.5879 mL
50 mM	0.0118 mL	0.0588 mL	0.1176 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481