

## Amino-PEG15-amine

## Chemical Properties

CAS No. :

Formula: C32H68N2O15

Molecular Weight: 720.89

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	Amino-PEG15-amine is a PEG-based linker for PROTACs, joining two essential ligands necessary for forming PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds composed of two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to specifically degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3872 mL	6.9359 mL	13.8717 mL
5 mM	0.2774 mL	1.3872 mL	2.7743 mL
10 mM	0.1387 mL	0.6936 mL	1.3872 mL
50 mM	0.0277 mL	0.1387 mL	0.2774 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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