

## Ald-Ph-amido-PEG24-acid

## Chemical Properties

CAS No. :

Formula: C59H107NO28

Molecular Weight: 1278.47

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	Ald-Ph-amido-PEG24-acid, a polyethylene glycol (PEG)-based linker, is utilized in the synthesis of proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7822 mL	3.9109 mL	7.8218 mL
5 mM	0.1564 mL	0.7822 mL	1.5644 mL
10 mM	0.0782 mL	0.3911 mL	0.7822 mL
50 mM	0.0156 mL	0.0782 mL	0.1564 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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