

Amino-PEG36-CONH-PEG36-acid

Chemical Properties

CAS No. :

Formula: C150H300N2O75

Molecular Weight: 3331.99

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-PEG36-CONH-PEG36-acid is a polyethylene glycol (PEG)-based linker featuring amino and carboxylic acid functionalities, utilized in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together, one binding to an E3 ubiquitin ligase and the other to the target protein, leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3001 mL	1.5006 mL	3.0012 mL
5 mM	0.060 mL	0.3001 mL	0.6002 mL
10 mM	0.030 mL	0.1501 mL	0.3001 mL
50 mM	0.006 mL	0.030 mL	0.060 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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