

Amino-PEG36-alcohol

Chemical Properties

CAS No. :

Formula: C72H147NO36

Molecular Weight: 1602.92

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-alcohol is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6239 mL	3.1193 mL	6.2386 mL
5 mM	0.1248 mL	0.6239 mL	1.2477 mL
10 mM	0.0624 mL	0.3119 mL	0.6239 mL
50 mM	0.0125 mL	0.0624 mL	0.1248 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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