

Lipoamido-PEG24-acid

Chemical Properties

CAS No. :

Formula: C59H115NO27S2

Molecular Weight: 1334.66

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	Lipoamido-PEG24-acid is a PEG-based linker for PROTACs that connects two essential ligands, facilitating selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system for the selective degradation of these target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7493 mL	3.7463 mL	7.4925 mL
5 mM	0.1499 mL	0.7493 mL	1.4985 mL
10 mM	0.0749 mL	0.3746 mL	0.7493 mL
50 mM	0.015 mL	0.0749 mL	0.1499 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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