

Lipoamido-PEG12-acid

Chemical Properties

CAS No. : 2407442-47-9

Formula: C35H67NO15S2

Molecular Weight: 806.03



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-PEG12-acid is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2406 mL	6.2032 mL	12.4065 mL
5 mM	0.2481 mL	1.2406 mL	2.4813 mL
10 mM	0.1241 mL	0.6203 mL	1.2406 mL
50 mM	0.0248 mL	0.1241 mL	0.2481 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481