

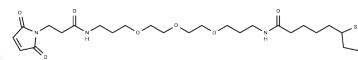
Lipoamide-PEG3-Mal

Chemical Properties

CAS No. : 1314378-19-2

Formula: C₂₅H₄₁N₃O₇S₂

Molecular Weight: 559.74



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	Lipoamide-PEG3-Mal is a PEG-based linker for PROTACs that joins two essential ligands, which are crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase, while the other binds to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7865 mL	8.9327 mL	17.8654 mL
5 mM	0.3573 mL	1.7865 mL	3.5731 mL
10 mM	0.1787 mL	0.8933 mL	1.7865 mL
50 mM	0.0357 mL	0.1787 mL	0.3573 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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