

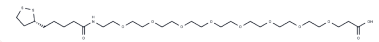
## Lipoamido-PEG8-acid

## Chemical Properties

CAS No. : 1334172-70-1

Formula: C<sub>27</sub>H<sub>51</sub>NO<sub>11</sub>S<sub>2</sub>

Molecular Weight: 629.82



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-PEG8-acid is a PEG-based linker for PROTACs, joining two essential ligands to facilitate PROTAC molecule formation and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, containing two ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5878 mL	7.9388 mL	15.8776 mL
5 mM	0.3176 mL	1.5878 mL	3.1755 mL
10 mM	0.1588 mL	0.7939 mL	1.5878 mL
50 mM	0.0318 mL	0.1588 mL	0.3176 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

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