

Bis-(m-PEG8-amido)-hexanoic acid

Chemical Properties

CAS No. : 2353409-77-3

Formula: C42H82N2O22

Molecular Weight: 967.1

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	Bis-(m-PEG8-amido)-hexanoic acid is a polyethylene glycol (PEG)-based linker used in synthesizing proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase, while the other targets a specific protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.034 mL	5.1701 mL	10.3402 mL
5 mM	0.2068 mL	1.034 mL	2.068 mL
10 mM	0.1034 mL	0.517 mL	1.034 mL
50 mM	0.0207 mL	0.1034 mL	0.2068 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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