

Bis-PEG17-acid

Chemical Properties

CAS No. : 2226897-74-9

Formula: C38H74O21

Molecular Weight: 866.98

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-PEG17-acid, a PEG-based linker for PROTACs, joins two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands connected by a linker—one ligand for an E3 ubiquitin ligase and the other for the target protein—exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1534 mL	5.7671 mL	11.5343 mL
5 mM	0.2307 mL	1.1534 mL	2.3069 mL
10 mM	0.1153 mL	0.5767 mL	1.1534 mL
50 mM	0.0231 mL	0.1153 mL	0.2307 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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