

Amino-PEG36-acid

Chemical Properties

CAS No. :	2241751-76-6
Formula:	C75H151NO38
Molecular Weight:	1674.99
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Amino-PEG36-acid is a PEG-based linker for PROTACs that joins two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.597 mL	2.9851 mL	5.9702 mL
5 mM	0.1194 mL	0.597 mL	1.194 mL
10 mM	0.0597 mL	0.2985 mL	0.597 mL
50 mM	0.0119 mL	0.0597 mL	0.1194 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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