

Lipoamido-PEG3-OH

Chemical Properties

CAS No. : 1342764-64-0

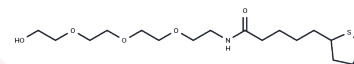
Formula: C16H31NO5S2

Molecular Weight: 381.55

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-PEG3-OH, also known as compound TA-TEG-G2CN, is a PEG-based PROTAC linker utilized in PROTAC synthesis. It is instrumental in the creation of a robust, dendronized gold nanoparticle (AuNP)-based drug delivery platform[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which comprise two ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6209 mL	13.1044 mL	26.2089 mL
5 mM	0.5242 mL	2.6209 mL	5.2418 mL
10 mM	0.2621 mL	1.3104 mL	2.6209 mL
50 mM	0.0524 mL	0.2621 mL	0.5242 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

Saha Ray A, et al. Set of Highly Stable Amine- and Carboxylate-Terminated Dendronized Au Nanoparticles with Dense Coating and Nontoxic Mixed-Dendronized Form. Langmuir. 2019 Mar 5;35(9):3391-3403.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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