

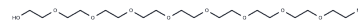
Amino-PEG9-alcohol

Chemical Properties

CAS No. : 15332-95-3

Formula: C18H39NO9

Molecular Weight: 413.5



Keep away from direct sunlight

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Amino-PEG9-alcohol is a PEG-based linker for PROTACs [Proteolysis Targeting Chimeras], facilitating the conjugation of two essential ligands for PROTAC formation and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker—one ligand 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	2.4184 mL	12.0919 mL	24.1838 mL
5 mM	0.4837 mL	2.4184 mL	4.8368 mL
10 mM	0.2418 mL	1.2092 mL	2.4184 mL
50 mM	0.0484 mL	0.2418 mL	0.4837 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

Sitterley KA, et al. Identification of Proprietary Amino Ethoxylates in Hydraulic Fracturing Wastewater Using Liquid Chromatography/Time-of-Flight Mass Spectrometry with Solid-Phase Extraction. Anal Chem. 2018 Sep 18;90(18):10927-10934.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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