

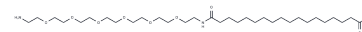
Amino-PEG6-amido-C16-COOH

Chemical Properties

CAS No. :

Formula: C₃₂H₆₄N₂O₉

Molecular Weight: 620.86



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	Amino-PEG6-amido-C16-COOH, a PEG-based PROTAC linker, facilitates the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase and the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6107 mL	8.0533 mL	16.1067 mL
5 mM	0.3221 mL	1.6107 mL	3.2213 mL
10 mM	0.1611 mL	0.8053 mL	1.6107 mL
50 mM	0.0322 mL	0.1611 mL	0.3221 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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