

N-(Amino-PEG5)-N-bis(PEG4-acid)

Chemical Properties

CAS No. : 2093152-86-2

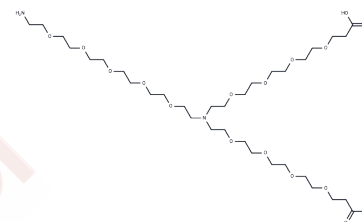
Formula: C34H68N2O17

Molecular Weight: 776.91

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	N-(Amino-PEG5)-N-bis(PEG4-acid) is a PEG-based PROTAC linker used for synthesizing PROTACs, consisting of an amino group and two terminal carboxylic acids[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which consist of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2872 mL	6.4358 mL	12.8715 mL
5 mM	0.2574 mL	1.2872 mL	2.5743 mL
10 mM	0.1287 mL	0.6436 mL	1.2872 mL
50 mM	0.0257 mL	0.1287 mL	0.2574 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

Pignatello, R., et al. New amphiphilic derivatives of poly(ethylene glycol) (PEG) as surface modifiers of colloidal drug carriers. III. Lipoamino acid conjugates with carboxy- and amino-PEG5000 polymers. Materials Science and Engineering: C, 2015.46, 470-481.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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