

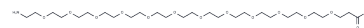
Amino-PEG12-acid

Chemical Properties

CAS No. : 1415408-69-3

Formula: C₂₇H₅₅N₁₄O₁₄

Molecular Weight: 617.72



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-PEG12-acid, a PEG-based PROTAC linker, is utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the specific protein. These compounds harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6189 mL	8.0943 mL	16.1886 mL
5 mM	0.3238 mL	1.6189 mL	3.2377 mL
10 mM	0.1619 mL	0.8094 mL	1.6189 mL
50 mM	0.0324 mL	0.1619 mL	0.3238 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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