

Amino-PEG13-amine

Chemical Properties

CAS No. :	1228119-65-0
Formula:	C ₂₈ H ₆₀ N ₂ O ₁₃
Molecular Weight:	632.78
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Amino-PEG13-amine (H ₂ N-PEG13-CH ₂ CH ₂ NH ₂) is a PEG-based PROTAC linker that can be used in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other binds to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5803 mL	7.9016 mL	15.8033 mL
5 mM	0.3161 mL	1.5803 mL	3.1607 mL
10 mM	0.158 mL	0.7902 mL	1.5803 mL
50 mM	0.0316 mL	0.158 mL	0.3161 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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