

Bis-NH₂-C1-PEG3

Chemical Properties

CAS No. : 4246-51-9

Formula: C₁₀H₂₄N₂O₃

Molecular Weight: 220.31

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	Bis-NH ₂ -C1-PEG3 (PROTAC Linker 24) is a polyethylene glycol (PEG)-based linker used in synthesizing PROTACs, aiding in the targeted degradation of specific proteins [1].
Targets(IC ₅₀)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase while the other targets the protein of interest. PROTACs leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5391 mL	22.6953 mL	45.3906 mL
5 mM	0.9078 mL	4.5391 mL	9.0781 mL
10 mM	0.4539 mL	2.2695 mL	4.5391 mL
50 mM	0.0908 mL	0.4539 mL	0.9078 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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