

N-Mal-N-bis(PEG4-NHS ester)

Chemical Properties

CAS No. : 2112738-60-8

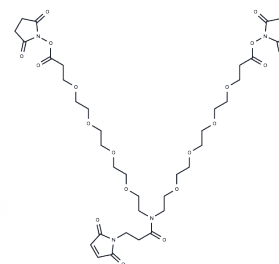
Formula: C37H54N4O19

Molecular Weight: 858.84

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-Mal-N-bis(PEG4-NHS ester) is a polyethylene glycol (PEG)-based bifunctional linker used for synthesizing Proteolysis Targeting Chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one targets an E3 ubiquitin ligase, and the other binds the target protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1644 mL	5.8218 mL	11.6436 mL
5 mM	0.2329 mL	1.1644 mL	2.3287 mL
10 mM	0.1164 mL	0.5822 mL	1.1644 mL
50 mM	0.0233 mL	0.1164 mL	0.2329 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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