

N-Mal-N-bis(PEG2-NHS ester)

Chemical Properties

CAS No. : 2182601-73-4

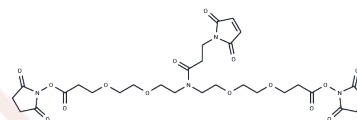
Formula: C₂₉H₃₈N₄O₁₅

Molecular Weight: 682.63

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(PEG2-NHS ester) is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands connected by a linker, one targeting E3 ubiquitin ligase and the other targeting the desired protein, leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4649 mL	7.3246 mL	14.6492 mL
5 mM	0.293 mL	1.4649 mL	2.9298 mL
10 mM	0.1465 mL	0.7325 mL	1.4649 mL
50 mM	0.0293 mL	0.1465 mL	0.293 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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