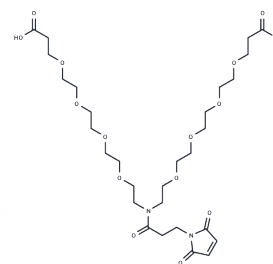


Mal-N-bis(PEG4-C2-acid)

Chemical Properties

CAS No. :	2100306-52-1
Formula:	C ₂₉ H ₄₈ N ₂ O ₁₅
Molecular Weight:	664.7
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Mal-N-bis(PEG4-C2-acid) is a polyethylene glycol (PEG) derivative used as a PEG-based PROTAC linker for synthesizing proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the intended protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5044 mL	7.5222 mL	15.0444 mL
5 mM	0.3009 mL	1.5044 mL	3.0089 mL
10 mM	0.1504 mL	0.7522 mL	1.5044 mL
50 mM	0.0301 mL	0.1504 mL	0.3009 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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