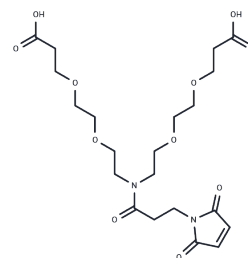


## N-Mal-N-bis(PEG2-acid)

### Chemical Properties

CAS No. :	2110449-02-8
Formula:	C <sub>21</sub> H <sub>32</sub> N <sub>2</sub> O <sub>11</sub>
Molecular Weight:	488.49
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	N-Mal-N-bis(PEG2-acid) is a PEG-based linker used in PROTACs to join two essential ligands, facilitating selective protein degradation through the ubiquitin-proteasome system in cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins by containing two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest[1].

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0471 mL	10.2356 mL	20.4712 mL
5 mM	0.4094 mL	2.0471 mL	4.0942 mL
10 mM	0.2047 mL	1.0236 mL	2.0471 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 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

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