

## N-(Propanoic acid)-N-bis(m-PEG12)

## Chemical Properties

CAS No. :

Formula: C53H107NO26

Molecular Weight: 1174.41

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-(Propanoic acid)-N-bis(m-PEG12) is a polyethylene glycol (PEG) based linker used in PROTACs synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs feature two ligands linked together: one targeting an E3 ubiquitin ligase and the other binding to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8515 mL	4.2575 mL	8.5149 mL
5 mM	0.1703 mL	0.8515 mL	1.703 mL
10 mM	0.0851 mL	0.4257 mL	0.8515 mL
50 mM	0.017 mL	0.0851 mL	0.1703 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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