

## m-PEG37-acid

## Chemical Properties

CAS No. :

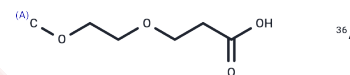
Formula: C76H152O39

Molecular Weight: 1690

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	m-PEG37-acid is a PEG-based linker for PROTACs that connects two essential ligands, critical for forming PROTAC molecules, thereby facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs (Proteolysis Targeting Chimeras) consist of two ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase and the other to the target protein, facilitating selective degradation of the target protein via the ubiquitin-proteasome system[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5917 mL	2.9586 mL	5.9172 mL
5 mM	0.1183 mL	0.5917 mL	1.1834 mL
10 mM	0.0592 mL	0.2959 mL	0.5917 mL
50 mM	0.0118 mL	0.0592 mL	0.1183 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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