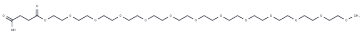
Data Sheet (Cat.No.T18136)

TargetMol

m-PEG12-COO-propanoic acid

Chemical Properties



CAS No. : 2168540-50-7

Formula: C29H56O16

Molecular Weight: 660.75

Storage: Keep away from direct sunlight
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-PEG12-COO-propanoic acid is a polyethylene glycol (PEG) derivative used as a PROTAC linker for synthesizing PROTAC compounds [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5134 mL	7.5672 mL	15.1343 mL
5 mM	0.3027 mL	1.5134 mL	3.0269 mL
10 mM	0.1513 mL	0.7567 mL	1.5134 mL
50 mM	0.0303 mL	0.1513 mL	0.3027 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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