

m-PEG3-Propanoyl chloride

Chemical Properties

CAS No. : 66722-87-0

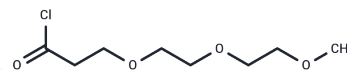
Formula: C₈H₁₅ClO₄

Molecular Weight: 210.66

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-PEG3-Propanoyl chloride is a polyethylene glycol (PEG)-derived linker used for synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.747 mL	23.7349 mL	47.4699 mL
5 mM	0.9494 mL	4.747 mL	9.494 mL
10 mM	0.4747 mL	2.3735 mL	4.747 mL
50 mM	0.0949 mL	0.4747 mL	0.9494 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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