

m-PEG4-CH₂COOH

Chemical Properties

CAS No. : 16024-66-1

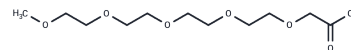
Formula: C₁₁H₂₂O₇

Molecular Weight: 266.29

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-PEG4-CH ₂ COOH is a PEG-based linker for PROTACs that combines two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together; one binds to an E3 ubiquitin ligase, and the other targets the specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7553 mL	18.7765 mL	37.553 mL
5 mM	0.7511 mL	3.7553 mL	7.5106 mL
10 mM	0.3755 mL	1.8777 mL	3.7553 mL
50 mM	0.0751 mL	0.3755 mL	0.7511 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

TaoDeng, et al. Monodisperse oligoethylene glycols modified Propofol prodrugs. Bioorganic & Medicinal Chemistry Letters.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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