

Hydroxy-PEG4-C2-methyl ester

Chemical Properties

CAS No. : 2228857-35-8

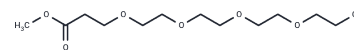
Formula: C₁₂H₂₄O₇

Molecular Weight: 280.31

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	Hydroxy-PEG4-C2-methyl ester is a PEG-based PROTAC linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked by a connector—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to facilitate selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5675 mL	17.8374 mL	35.6748 mL
5 mM	0.7135 mL	3.5675 mL	7.135 mL
10 mM	0.3567 mL	1.7837 mL	3.5675 mL
50 mM	0.0713 mL	0.3567 mL	0.7135 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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