

Hydroxy-PEG4-methyl acetate

Chemical Properties

CAS No. : 77303-64-1

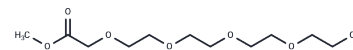
Formula: C₁₁H₂₂O₇

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	Hydroxy-PEG4-methyl acetate, a PEG-based linker compound, is utilized in PROTAC synthesis.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

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

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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