

## Hydroxy-PEG3-ethyl acetate

## Chemical Properties

CAS No. : 118988-04-8

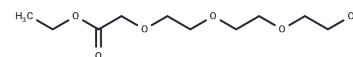
Formula: C<sub>10</sub>H<sub>20</sub>O<sub>6</sub>

Molecular Weight: 236.264

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-PEG3-ethyl acetate is a polyethylene glycol (PEG)-based linker compound used in PROTAC synthesis.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system for selective protein degradation[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2326 mL	21.1631 mL	42.3263 mL
5 mM	0.8465 mL	4.2326 mL	8.4653 mL
10 mM	0.4233 mL	2.1163 mL	4.2326 mL
50 mM	0.0847 mL	0.4233 mL	0.8465 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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