

## Hydroxy-PEG3-PFP ester

## Chemical Properties

CAS No. : 1807537-40-1

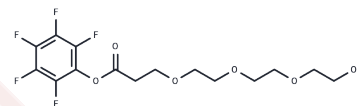
Formula: C<sub>15</sub>H<sub>17</sub>F<sub>5</sub>O<sub>6</sub>

Molecular Weight: 388.28

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-PFP ester is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules, and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins by connecting two distinct ligands via a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5755 mL	12.8773 mL	25.7546 mL
5 mM	0.5151 mL	2.5755 mL	5.1509 mL
10 mM	0.2575 mL	1.2877 mL	2.5755 mL
50 mM	0.0515 mL	0.2575 mL	0.5151 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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