

## Biotin-PFP ester

## Chemical Properties

CAS No. : 120550-35-8

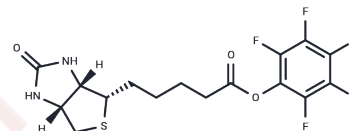
Formula: C<sub>16</sub>H<sub>15</sub>F<sub>5</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight: 410.36

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	Biotin-PFP ester, an alkyl/ether-based PROTAC linker, serves as a valuable component in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase and the other targets the protein of interest. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4369 mL	12.1844 mL	24.3688 mL
5 mM	0.4874 mL	2.4369 mL	4.8738 mL
10 mM	0.2437 mL	1.2184 mL	2.4369 mL
50 mM	0.0487 mL	0.2437 mL	0.4874 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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