

## AZD-PEG13-PFP

## Chemical Properties

CAS No. : 2600517-85-7  
Formula: C<sub>48</sub>H<sub>69</sub>F<sub>5</sub>N<sub>2</sub>O<sub>18</sub>  
Molecular Weight: 1057.06  
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	AZD-PEG13-PFP is a PEG linker featuring an AZD group and a PFP ester group, where the PFP ester acts as an active ester capable of reacting with primary amines to form amide bonds. The PFP ester shows greater stability compared to other amine-reactive groups due to its reduced likelihood of hydrolysis. Its hydrophilic PEG spacer enhances solubility in aqueous environments.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.946 mL	4.7301 mL	9.4602 mL
5 mM	0.1892 mL	0.946 mL	1.892 mL
10 mM	0.0946 mL	0.473 mL	0.946 mL
50 mM	0.0189 mL	0.0946 mL	0.1892 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.

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