

## Bis-PEG6-TFP ester

## Chemical Properties

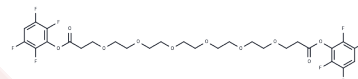
CAS No. : 1818294-37-9

Formula: C<sub>28</sub>H<sub>30</sub>F<sub>8</sub>O<sub>10</sub>

Molecular Weight: 678.519

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	Bis-PEG6-TFP ester is a PEG linker featuring two terminal TFP ester groups. The TFP ester is amine-reactive and exhibits greater stability than NHS esters, being less prone to hydrolysis. The PEG chain contributes to the compound's solubility in aqueous media, and this solubility improves with the increasing length of the PEG chain.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4738 mL	7.369 mL	14.738 mL
5 mM	0.2948 mL	1.4738 mL	2.9476 mL
10 mM	0.1474 mL	0.7369 mL	1.4738 mL
50 mM	0.0295 mL	0.1474 mL	0.2948 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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