

## BCOT-PEF3-OPFP

## Chemical Properties

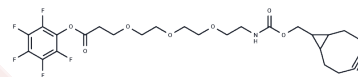
CAS No. : 2101206-48-6

Formula: C<sub>26</sub>H<sub>30</sub>F<sub>5</sub>N<sub>7</sub>O<sub>7</sub>

Molecular Weight: 563.518

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	BCOT-PEF3-OPFP is a cleavable linker crucial in ADC (antibody-drug conjugate) synthesis, which joins cytotoxic drugs to antibodies for targeted delivery to specific cells or proteins. Its cleavable nature ensures controlled drug release, thereby optimizing the effectiveness of ADCs.
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody linked to a cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7746 mL	8.8728 mL	17.7456 mL
5 mM	0.3549 mL	1.7746 mL	3.5491 mL
10 mM	0.1775 mL	0.8873 mL	1.7746 mL
50 mM	0.0355 mL	0.1775 mL	0.3549 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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