

Mal-amido-PEG3-C1-PFP ester

Chemical Properties

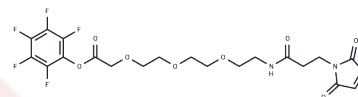
CAS No. : 2101206-13-5

Formula: C₂₁H₂₁F₅N₂O₈

Molecular Weight: 524.39

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	Mal-amido-PEG3-C1-PFP ester, a non-cleavable 3 unit PEG ADC linker, finds application in the synthesis of antibody-drug conjugates (ADCs). ¹
Targets(IC50)	ADC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.907 mL	9.5349 mL	19.0698 mL
5 mM	0.3814 mL	1.907 mL	3.814 mL
10 mM	0.1907 mL	0.9535 mL	1.907 mL
50 mM	0.0381 mL	0.1907 mL	0.3814 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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