

Cyclooctyne-O-amido-PEG2-PFP ester

Chemical Properties

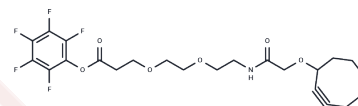
CAS No. : 2101206-61-3

Formula: C₂₃H₂₆F₅N₂O₆

Molecular Weight: 507.45

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	Cyclooctyne-O-amido-PEG2-PFP ester is a two-unit polyethylene glycol (PEG) linker used in the synthesis of antibody-drug conjugates (ADCs) as a non-cleavable linker.
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody linked to a cytotoxin via a specific (ADC linker)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9706 mL	9.8532 mL	19.7064 mL
5 mM	0.3941 mL	1.9706 mL	3.9413 mL
10 mM	0.1971 mL	0.9853 mL	1.9706 mL
50 mM	0.0394 mL	0.1971 mL	0.3941 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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