

PC Alkyne-PEG4-NHS ester

Chemical Properties

CAS No. : 1802907-98-7

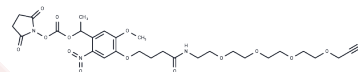
Formula: C₂₉H₃₉N₃O₁₄

Molecular Weight: 653.63

Keep away from direct sunlight

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	PC Alkyne-PEG4-NHS ester is a cleavable 4-unit polyethylene glycol (PEG) linker utilized in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5299 mL	7.6496 mL	15.2992 mL
5 mM	0.306 mL	1.5299 mL	3.0598 mL
10 mM	0.153 mL	0.765 mL	1.5299 mL
50 mM	0.0306 mL	0.153 mL	0.306 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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