

PC SPDP-NHS carbonate ester

Chemical Properties

CAS No. : 2279944-61-3

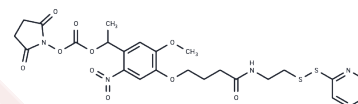
Formula: C₂₅H₂₈N₄O₁₀S₂

Molecular Weight: 608.64

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 SPDP-NHS carbonate ester is a cleavable linker compound used in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.643 mL	8.215 mL	16.4301 mL
5 mM	0.3286 mL	1.643 mL	3.286 mL
10 mM	0.1643 mL	0.8215 mL	1.643 mL
50 mM	0.0329 mL	0.1643 mL	0.3286 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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