

SPDP-PEG36-NHS ester

Chemical Properties

CAS No. :

Formula: C87H161N3O41S2

Molecular Weight: 1969.33

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	SPDP-PEG36-NHS ester is a cleavable PEG ADC linker composed of 36 units, essential for the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) combine an antibody with an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5078 mL	2.5389 mL	5.0779 mL
5 mM	0.1016 mL	0.5078 mL	1.0156 mL
10 mM	0.0508 mL	0.2539 mL	0.5078 mL
50 mM	0.0102 mL	0.0508 mL	0.1016 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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