

m-C-tri(CH₂-PEG1-NHS ester)

Chemical Properties

CAS No. : 173414-89-6

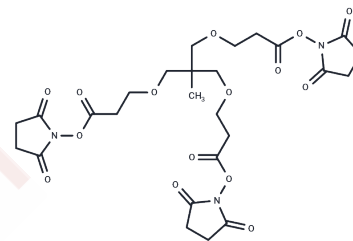
Formula: C₂₆H₃₃N₃O₁₅

Molecular Weight: 627.55

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	m-C-tri(CH ₂ -PEG1-NHS ester) is a non-cleavable one-unit polyethylene glycol (PEG) linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC ₅₀)	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	1.5935 mL	7.9675 mL	15.935 mL
5 mM	0.3187 mL	1.5935 mL	3.187 mL
10 mM	0.1593 mL	0.7967 mL	1.5935 mL
50 mM	0.0319 mL	0.1593 mL	0.3187 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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