

Methyltetrazine-PEG4-SS-NHS ester

Chemical Properties

CAS No. :

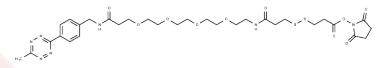
Formula: C₃₁H₄₃N₇O₁₀S₂

Molecular Weight: 737.84

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	Methyltetrazine-PEG4-SS-NHS ester is a cleavable polyethylene glycol (PEG) linker with four units, frequently used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3553 mL	6.7765 mL	13.5531 mL
5 mM	0.2711 mL	1.3553 mL	2.7106 mL
10 mM	0.1355 mL	0.6777 mL	1.3553 mL
50 mM	0.0271 mL	0.1355 mL	0.2711 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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