

Methyltetrazine-PEG4-SS-NHS ester

Chemical Properties

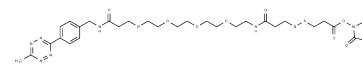
CAS No. :

Formula: C31H43N7O10S2

Molecular Weight: 737.84

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Methyltetrazine-PEG4-SS-NHS ester is a cleavable, four-unit polyethylene glycol (PEG) linker commonly employed in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	Others
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through 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.

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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