

Methyltetrazine-SS-PEG4-Biotin

Chemical Properties

CAS No. :

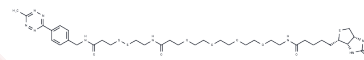
Formula: C36H55N9O8S3

Molecular Weight: 838.07

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-SS-PEG4-Biotin is a cleavable four-unit polyethylene glycol (PEG) linker 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	1.1932 mL	5.9661 mL	11.9322 mL
5 mM	0.2386 mL	1.1932 mL	2.3864 mL
10 mM	0.1193 mL	0.5966 mL	1.1932 mL
50 mM	0.0239 mL	0.1193 mL	0.2386 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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