

Methyltetrazine-PEG4-oxyamine

Chemical Properties

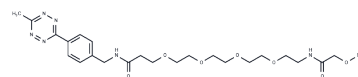
CAS No. : T18350

Formula: C₂₃H₃₅N₇O₇

Molecular Weight: 521.57

Appearance: no data available

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



Biological Description

Description	Methyltetrazine-PEG4-oxyamine is a 4-unit polyethylene glycol (PEG) linker employed in the synthesis of antibody-drug conjugates (ADCs), which are extensively used for targeted drug delivery [1]. This cleavable linker offers a means to efficiently attach drugs to antibodies and facilitate their controlled release at the target site.
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	1.9173 mL	9.5864 mL	19.1729 mL
5 mM	0.3835 mL	1.9173 mL	3.8346 mL
10 mM	0.1917 mL	0.9586 mL	1.9173 mL
50 mM	0.0383 mL	0.1917 mL	0.3835 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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