

## Methyltetrazine-PEG4-SS-PEG4-methyltetrazine

## Chemical Properties

CAS No. :

Formula: C48H70N12O12S2

Molecular Weight: 1071.27

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-PEG4-methyltetrazine is a cleavable 8-unit polyethylene glycol (PEG) linker utilized in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	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	0.9335 mL	4.6674 mL	9.3347 mL
5 mM	0.1867 mL	0.9335 mL	1.8669 mL
10 mM	0.0933 mL	0.4667 mL	0.9335 mL
50 mM	0.0187 mL	0.0933 mL	0.1867 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481