

## Methyltetrazine-PEG4-SS-NHS ester

**Chemical Properties**

CAS No.:	T18351
Formula:	C31H43N7O10S2
Molecular Weight:	737.84
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Methyltetrazine-PEG4-SS-NHS ester is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC <sub>50</sub> )	Cleavable: None
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---------------------------------------------------------------

## Preparing Stock Solutions

	<b>1mg</b>	<b>5mg</b>	<b>10mg</b>
1 mM	1.355 mL	6.777 mL	13.553 mL
5 mM	0.271 mL	1.355 mL	2.711 mL
10 mM	0.136 mL	0.678 mL	1.355 mL
50 mM	0.027 mL	0.136 mL	0.271 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481