

## m-PEG6-SS-PEG6-methyl

## Chemical Properties

CAS No. : 1007386-15-3

Formula: C<sub>26</sub>H<sub>54</sub>O<sub>12</sub>S<sub>2</sub>

Molecular Weight: 622.83

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	m-PEG6-SS-PEG6-methyl is a cleavable 12-unit polyethylene glycol (PEG) linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6056 mL	8.0279 mL	16.0557 mL
5 mM	0.3211 mL	1.6056 mL	3.2111 mL
10 mM	0.1606 mL	0.8028 mL	1.6056 mL
50 mM	0.0321 mL	0.1606 mL	0.3211 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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