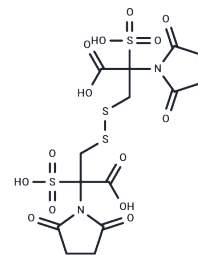


DTSSP Crosslinker

Chemical Properties

CAS No. :	81069-02-5
Formula:	C ₁₄ H ₁₆ N ₂ O ₁₄ S ₄
Molecular Weight:	564.54
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	DTSSP Crosslinker, a cleavable ADC linker, is utilized in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	The ADCs consist of an antibody to which the ADC cytotoxin is attached via an ADC linker [1].

Solubility Information

Solubility	DMSO: 100 mg/mL (177.14 mM),Sonication is recommended. H ₂ O: 25 mg/mL (44.28 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7714 mL	8.8568 mL	17.7135 mL
5 mM	0.3543 mL	1.7714 mL	3.5427 mL
10 mM	0.1771 mL	0.8857 mL	1.7714 mL
50 mM	0.0354 mL	0.1771 mL	0.3543 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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