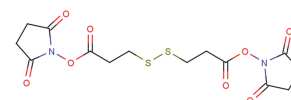


DSP Crosslinker

Chemical Properties

CAS No.:	57757-57-0
Formula:	C ₁₄ H ₁₆ N ₂ O ₈ S ₂
Molecular Weight:	404.42
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	DSP Crosslinker is a cleavable ADC linker, used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC ₅₀)	Cleavable: None
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

Solubility Information

Solubility	DMSO: 90mg/ml(222.54mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.473 mL	12.363 mL	24.727 mL
5 mM	0.495 mL	2.473 mL	4.945 mL
10 mM	0.247 mL	1.236 mL	2.473 mL
50 mM	0.049 mL	0.247 mL	0.495 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. Zorea J, et al. Probing antibody surface density and analyte antigen incubation time as dominant parameters influencing the antibody-antigen recognition events of a non-faradaic and diffusion-restricted electrochemical immunosensor. Anal Bioanal Chem. 2020 Mar;412(7):1709-1717.

Inhibitors · Natural Compounds · Compound Libraries

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