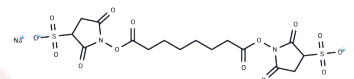


BS3 Crosslinker disodium

Chemical Properties

CAS No. :	127634-19-9
Formula:	C ₁₆ H ₁₈ N ₂ Na ₂ O ₁₄ S ₂
Molecular Weight:	572.43
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	BS3 Crosslinker disodium, a non-cleavable ADC linker, is employed in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	ADCs consist of an antibody attached to an ADC cytotoxin through an ADC linker.

Solubility Information

Solubility	DMSO: 125 mg/mL (218.37 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (6.99 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7469 mL	8.7347 mL	17.4694 mL
5 mM	0.3494 mL	1.7469 mL	3.4939 mL
10 mM	0.1747 mL	0.8735 mL	1.7469 mL
50 mM	0.0349 mL	0.1747 mL	0.3494 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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