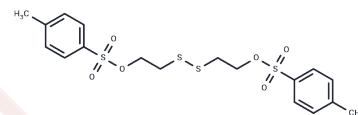


Bis-Tos-(2-hydroxyethyl disulfide)

Chemical Properties

CAS No. :	69981-39-1
Formula:	C ₁₈ H ₂₂ O ₆ S ₄
Molecular Weight:	462.62
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	Bis-Tos-(2-hydroxyethyl disulfide) is a cleavable linker used in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1616 mL	10.808 mL	21.616 mL
5 mM	0.4323 mL	2.1616 mL	4.3232 mL
10 mM	0.2162 mL	1.0808 mL	2.1616 mL
50 mM	0.0432 mL	0.2162 mL	0.4323 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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