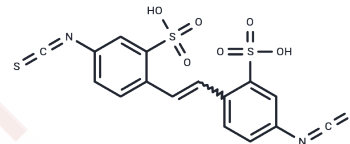


DIDS

Chemical Properties

CAS No. :	53005-05-3
Formula:	C ₁₆ H ₁₀ N ₂ O ₆ S ₄
Molecular Weight:	454.52
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	DIDS, an anion exchange inhibitor, acts by blocking reversibly and later irreversibly, exchangers such as chloride-bicarbonate exchanger. It is also a RAD51 inhibitor.
Targets(IC50)	Others,DNA/RNA Synthesis,VDAC

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.2001 mL	11.0006 mL	22.0012 mL
5 mM	0.440 mL	2.2001 mL	4.4002 mL
10 mM	0.220 mL	1.1001 mL	2.2001 mL
50 mM	0.044 mL	0.220 mL	0.440 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.

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