

Sodium Thiosulfate

Chemical Properties

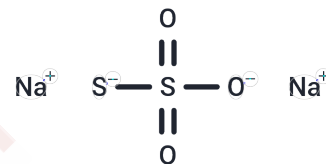
CAS No. : 7772-98-7

Formula: Na₂O₃S₂

Molecular Weight: 158.11

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sodium thiosulfate can be used as a substrate for thiosulfate sulfurtransferase and is often used as a reducing agent and standard solution for iodometric titration.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 180 mg/mL (1138.45 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	6.3247 mL	31.6236 mL	63.2471 mL
5 mM	1.2649 mL	6.3247 mL	12.6494 mL
10 mM	0.6325 mL	3.1624 mL	6.3247 mL
50 mM	0.1265 mL	0.6325 mL	1.2649 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

Nguyen ITN, et al. Sodium thiosulfate improves renal function and oxygenation in L-NNA-induced hypertension in rats. *Kidney Int.* 2020 Aug;98(2):366-377.

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