



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Sodium thiosulfate pentahydrate (GR,≥99.5%)

Cat. No.:	HY-23539C
CAS No.:	10102-17-7
Molecular Formula:	Na ₂ S ₂ O ₃ ·5H ₂ O
Molecular Weight:	248.18
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Store at room temperature, keep dry and cool

Sodium thiosulfate pentahydrate (GR,≥99.5%)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 200 mg/mL (805.87 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.0293 mL	20.1467 mL	40.2933 mL
	5 mM		0.8059 mL	4.0293 mL	8.0587 mL
	10 mM		0.4029 mL	2.0147 mL	4.0293 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sodium thiosulfate (pentahydrate),GR,≥99.5% is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

Sodium thiosulfate (Pentahydrate) is an antioxidant and antifungal. Sodium thiosulfate protects against cisplatin-induced hearing loss in children and is not associated with serious adverse events attributed to its use. The addition of sodium thiosulfate, Administered 6 hours after cisplatin chemotherapy , resulted in a lower incidence of cisplatin-induced hearing loss among children with standard-risk hepatitis, without jeopardizing overall or event-free survival. Calcipylaxis is a potentially fatal disorder of abnormal calcium deposition. Treatment is multifaceted, and improved outcomes have been demonstrated with intravenous sodium thiosulfate; however, the use of this medication can be limited by its adverse effects. TST (topical sodium thiosulfate) appears to be a relatively well-tolerant adjuvant treatment for CC(calcosinosis cutis) . The combined treatment of sodium thiosulfate, pamidronate and calcitrimetics has been effective and safe for the treatment of calcipylaxis, inducing complete remission.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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