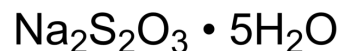


Sodium thiosulfate pentahydrate (GR, \geq 99.5%)

Cat. No.:	HY-23539C
CAS No.:	10102-17-7
Molecular Formula:	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
Molecular Weight:	248.18
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Sodium thiosulfate (pentahydrate),GR, \geq 99.5% is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	<p>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(calcinosis cutis) . The combined treatment of sodium thiosulfate, pamidronate and calcitominetics has been effective and safe for the treatment of calcipylaxis, inducing complete remission.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

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

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