

## Sodium Thioglycolate

## Chemical Properties

CAS No. : 367-51-1

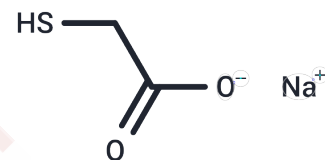
Formula: C<sub>2</sub>H<sub>3</sub>NaO<sub>2</sub>S

Molecular Weight: 114.1

Keep away from direct sunlight

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	Sodium thioglycolate is a biochemical reagent with disulfide-reducing properties, used as a biomaterial or organic compound in life science research, and is commonly employed to induce peritonitis models.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.7642 mL	43.8212 mL	87.6424 mL
5 mM	1.7528 mL	8.7642 mL	17.5285 mL
10 mM	0.8764 mL	4.3821 mL	8.7642 mL
50 mM	0.1753 mL	0.8764 mL	1.7528 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

National Toxicology Program. Toxicity studies of Sodium Thioglycolate administered dermally to F344/N rats and B6C3F1/N mice. Toxic Rep Ser. 2016 May;(80):NTP-TOX-80.

Hermida MDR, et al. Selecting the right gate to identify relevant cells for your assay: a study of thioglycolate-elicited peritoneal exudate cells in mice. BMC Res Notes. 2017 Dec 6;10(1):695.

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