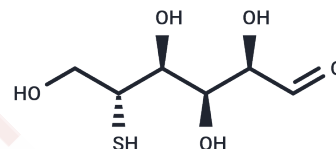


Thioglucose

Chemical Properties

CAS No. :	20408-97-3
Formula:	C6H12O5S
Molecular Weight:	196.22
Storage:	Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Thioglucose is a biochemical reagent utilized in glycoscience research. The study of glycoscience explores the structure, synthesis, biology, and evolution of sugars. It encompasses carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan interactions, and the role of glycans in biological systems. This field is closely linked to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0963 mL	25.4816 mL	50.9632 mL
5 mM	1.0193 mL	5.0963 mL	10.1926 mL
10 mM	0.5096 mL	2.5482 mL	5.0963 mL
50 mM	0.1019 mL	0.5096 mL	1.0193 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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