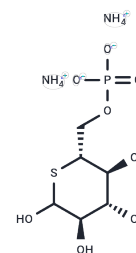


5-Thio-D-glucose-6-phosphate diammonium salt

Chemical Properties

CAS No. :	108391-99-7
Formula:	C ₆ H ₁₉ N ₂ O ₈ PS
Molecular Weight:	310.26
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	5-Thio-D-glucose-6-phosphate diammonium salt is a biochemical reagent used in glycoscience research. Glycoscience investigates sugar structure, synthesis, biology, and evolution. It encompasses carbohydrate chemistry, glycan creation and degradation, protein-glycan recognition, 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	3.2231 mL	16.1155 mL	32.231 mL
5 mM	0.6446 mL	3.2231 mL	6.4462 mL
10 mM	0.3223 mL	1.6116 mL	3.2231 mL
50 mM	0.0645 mL	0.3223 mL	0.6446 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481