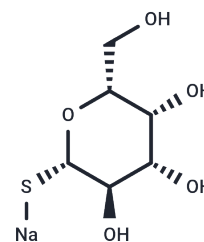


1-Thio-β-D-galactose, Sodium Salt

Chemical Properties

CAS No. :	42891-22-5
Formula:	C ₆ H ₁₁ NaO ₅ S
Molecular Weight:	218.2
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	1-Thio-β-D-galactose, Sodium Salt is a biochemical reagent used in glycoscience research. Glycoscience examines the structure, synthesis, biology, and evolution of sugars, encompassing carbohydrate chemistry, enzymology of glycans, protein-glycan interactions, and the role of glycans in biological systems. It is closely linked to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.583 mL	22.9148 mL	45.8295 mL
5 mM	0.9166 mL	4.583 mL	9.1659 mL
10 mM	0.4583 mL	2.2915 mL	4.583 mL
50 mM	0.0917 mL	0.4583 mL	0.9166 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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