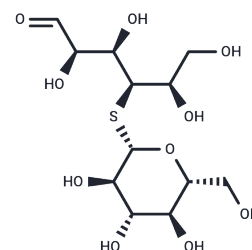


4-S-β-D-Glucopyranosyl-4-thio-D-glucose

Chemical Properties

CAS No. :	80951-92-4
Formula:	C12H22O10S
Molecular Weight:	358.36
Storage:	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	4-S-β-D-Glucopyranosyl-4-thio-D-glucose is a type of biochemical reagent used in carbohydrate biology research. This field studies the structure, synthesis, biology, and evolution of sugars, encompassing carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the role of glycans in biological systems. It is closely related to basic research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7905 mL	13.9525 mL	27.9049 mL
5 mM	0.5581 mL	2.7905 mL	5.581 mL
10 mM	0.279 mL	1.3952 mL	2.7905 mL
50 mM	0.0558 mL	0.279 mL	0.5581 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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