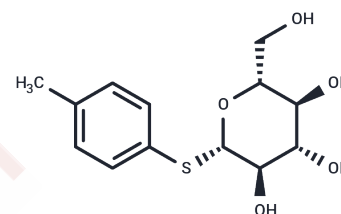


4-Methylphenyl 1-thio- β -D-glucopyranoside

Chemical Properties

CAS No. :	1152-39-2
Formula:	C ₁₃ H ₁₈ O ₅ S
Molecular Weight:	286.34
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	4-Methylphenyl 1-thio- β -D-glucopyranoside is a type of biochemical reagent used in glycobiology research. Glycobiology studies the structure, synthesis, biology, and evolution of sugars. It encompasses carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the role of glycans in biological systems. This field is closely linked with fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4924 mL	17.4618 mL	34.9235 mL
5 mM	0.6985 mL	3.4924 mL	6.9847 mL
10 mM	0.3492 mL	1.7462 mL	3.4924 mL
50 mM	0.0698 mL	0.3492 mL	0.6985 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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