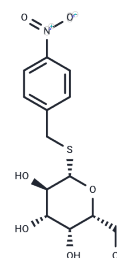


(4-Nitrophenyl)methyl 1-thio-β-D-galactopyranoside

Chemical Properties

CAS No. :	35785-19-4
Formula:	C ₁₃ H ₁₇ N ₁ O ₇ S
Molecular Weight:	331.34
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	(4-Nitrophenyl)methyl 1-thio-β-D-galactopyranoside is a biochemical reagent utilized in glycoscience studies. Glycoscience explores the structure, synthesis, biology, and evolution of sugars, encompassing carbohydrate chemistry, enzymology of glycan formation and degradation, protein-glycan interactions, and the role of glycans in biological systems. This discipline is closely linked to fundamental research, biomedicine, and biotechnology.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.018 mL	15.0902 mL	30.1805 mL
5 mM	0.6036 mL	3.018 mL	6.0361 mL
10 mM	0.3018 mL	1.509 mL	3.018 mL
50 mM	0.0604 mL	0.3018 mL	0.6036 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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