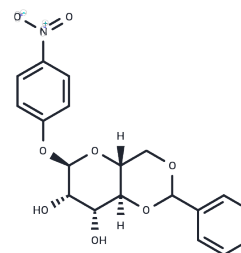


## 4-Nitrophenyl 4,6-O-(phenylmethylene)- $\alpha$ -D-mannopyranoside

### Chemical Properties

CAS No. :	58056-41-0
Formula:	C <sub>19</sub> H <sub>19</sub> NO <sub>8</sub>
Molecular Weight:	389.36
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-Nitrophenyl 4,6-O-(phenylmethylene)- $\alpha$ -D-mannopyranoside is a biochemical reagent employed in glycoscience studies. Glycoscience examines the structure, synthesis, biology, and evolution of sugars. It encompasses carbohydrate chemistry, glycan biosynthesis and degradation enzymology, protein-glycan interactions, and the roles 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	2.5683 mL	12.8416 mL	25.6832 mL
5 mM	0.5137 mL	2.5683 mL	5.1366 mL
10 mM	0.2568 mL	1.2842 mL	2.5683 mL
50 mM	0.0514 mL	0.2568 mL	0.5137 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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