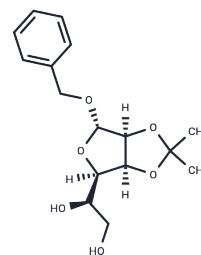


Phenylmethyl 2,3-O-(1-methylethylidene)- $\alpha$ -D-mannofuranoside

## Chemical Properties

CAS No. :	20689-03-6
Formula:	C <sub>16</sub> H <sub>22</sub> O <sub>6</sub>
Molecular Weight:	310.34
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	Phenylmethyl 2,3-O-(1-methylethylidene)- $\alpha$ -D-mannofuranoside is a biochemical reagent used in glycobiology research. Glycobiology explores the structure, synthesis, biological roles, and evolution of sugars. This field covers carbohydrate chemistry, glycan synthesis and degradation enzymology, 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	3.2223 mL	16.1114 mL	32.2227 mL
5 mM	0.6445 mL	3.2223 mL	6.4445 mL
10 mM	0.3222 mL	1.6111 mL	3.2223 mL
50 mM	0.0644 mL	0.3222 mL	0.6445 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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