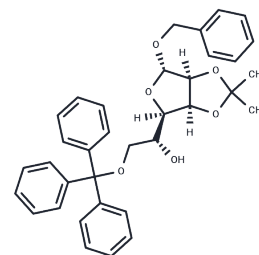


## Benzyl 2,3-O-Isopropylidene-6-O-trityl- $\alpha$ -D-mannofuranose

### Chemical Properties

CAS No. :	91364-11-3
Formula:	C <sub>35</sub> H <sub>36</sub> O <sub>6</sub>
Molecular Weight:	552.66
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	Benzyl 2,3-O-Isopropylidene-6-O-trityl- $\alpha$ -D-mannofuranose is a biochemical reagent used in glycobiology research. This field explores the structure, synthesis, biology, and evolution of sugars, encompassing carbohydrate chemistry, glycan formation 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	1.8094 mL	9.0472 mL	18.0943 mL
5 mM	0.3619 mL	1.8094 mL	3.6189 mL
10 mM	0.1809 mL	0.9047 mL	1.8094 mL
50 mM	0.0362 mL	0.1809 mL	0.3619 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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