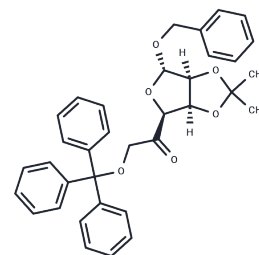


## Benzyl 2,3-O-Isopropylidene-6-O-trityl-5-keto- $\alpha$ -D-mannofuranose

### Chemical Properties

CAS No. :	91364-12-4
Formula:	C <sub>35</sub> H <sub>34</sub> O <sub>6</sub>
Molecular Weight:	550.64
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	Benzyl 2,3-O-Isopropylidene-6-O-trityl-5-keto- $\alpha$ -D-mannofuranose is a biochemical reagent used in glycobiology research. Glycobiology explores the structure, synthesis, biology, and evolution of sugars, encompassing carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the role 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	1.8161 mL	9.0803 mL	18.1607 mL
5 mM	0.3632 mL	1.8161 mL	3.6321 mL
10 mM	0.1816 mL	0.908 mL	1.8161 mL
50 mM	0.0363 mL	0.1816 mL	0.3632 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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