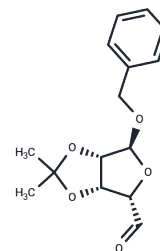


Benzyl 2,3-O-isopropylidene- $\alpha$ -D-mannopentofuranoside-6-aldehyde

## Chemical Properties

CAS No. :	102854-75-1
Formula:	C <sub>15</sub> H <sub>18</sub> O <sub>5</sub>
Molecular Weight:	278.3
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- $\alpha$ -D-mannopentofuranoside-6-aldehyde is a biochemical reagent used in glycoscience research. Glycoscience examines the structure, synthesis, biology, and evolution of sugars, involving carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan recognition, and the function of glycans in biological systems. This field is closely linked to basic research, biomedicine, and biotechnology.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5932 mL	17.9662 mL	35.9324 mL
5 mM	0.7186 mL	3.5932 mL	7.1865 mL
10 mM	0.3593 mL	1.7966 mL	3.5932 mL
50 mM	0.0719 mL	0.3593 mL	0.7186 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481