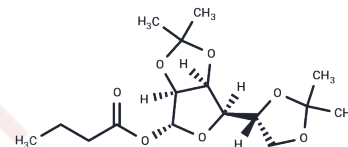


## O-n-Butanoyl-2,3,5,6-O-diisopropylidene- $\alpha$ -D-mannofuranoside

### Chemical Properties

CAS No. :	177562-07-1
Formula:	C <sub>16</sub> H <sub>26</sub> O <sub>7</sub>
Molecular Weight:	330.37
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	O-n-Butanoyl-2,3,5,6-O-diisopropylidene- $\alpha$ -D-mannofuranoside is a biochemical reagent utilized in glycobiology research. The field of glycobiology studies the structure, synthesis, biological functions, and evolution of carbohydrates. It encompasses aspects such as carbohydrate chemistry, glycan formation and degradation, protein-glycan interactions, and the roles of glycans in biological systems. This area is closely linked with fundamental research, biomedical science, and biotechnology.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0269 mL	15.1345 mL	30.2691 mL
5 mM	0.6054 mL	3.0269 mL	6.0538 mL
10 mM	0.3027 mL	1.5135 mL	3.0269 mL
50 mM	0.0605 mL	0.3027 mL	0.6054 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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