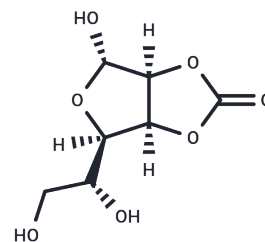


$\alpha$ -D-Mannofuranose

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 76548-27-1  |
| Formula:          | C7H10O7   |
| Molecular Weight: | 206.15  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | $\alpha$ -D-Mannofuranose, cyclic 2,3-carbonate is a biochemical reagent utilized in glycoscience research. Glycoscience explores the structure, synthesis, biology, and evolution of sugars. It encompasses 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  | 4.8508 mL | 24.2542 mL | 48.5084 mL |
| 5 mM  | 0.9702 mL | 4.8508 mL  | 9.7017 mL  |
| 10 mM | 0.4851 mL | 2.4254 mL  | 4.8508 mL  |
| 50 mM | 0.097 mL  | 0.4851 mL  | 0.9702 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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