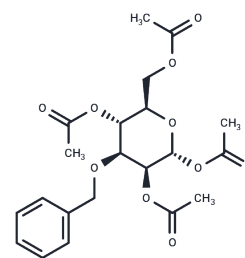


## α-D-Mannopyranose, 3-O-(phenylmethyl)-, 1,2,4,6-tetraacetate

### Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 65827-58-9   |
| Formula:          | C <sub>21</sub> H <sub>26</sub> O <sub>10</sub>  |
| Molecular Weight: | 438.43   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><i>Actual storage temperature shall be subject to the COA.</i> |



### Biological Description

|               |  |
|---------------|--|
| Description   | α-D-Mannopyranose, 3-O-(phenylmethyl)-, 1,2,4,6-tetraacetate is a biochemical reagent utilized in glycoscience research. This field examines the structure, synthesis, biology, and evolution of sugars, focusing on carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan interactions, and the roles 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  | 2.2809 mL | 11.4043 mL | 22.8087 mL |
| 5 mM  | 0.4562 mL | 2.2809 mL  | 4.5617 mL  |
| 10 mM | 0.2281 mL | 1.1404 mL  | 2.2809 mL  |
| 50 mM | 0.0456 mL | 0.2281 mL  | 0.4562 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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