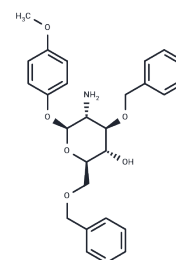


4-Methoxyphenyl 2-amino-3,6-di-O-benzyl-2-deoxy- $\beta$ -D-glucopyranoside

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1272755-07-3  |
| Formula:          | C <sub>27</sub> H <sub>31</sub> N <sub>1</sub> O <sub>6</sub>   |
| Molecular Weight: | 465.54  |
| 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   | 4-Methoxyphenyl 2-amino-3,6-di-O-benzyl-2-deoxy- $\beta$ -D-glucopyranoside (4-MOP) is a biochemical reagent utilized in glycobiology research. Glycobiology focuses on the structure, synthesis, biology, and evolution of sugars, involving carbohydrate chemistry, glycan formation and degradation enzymology, protein-glycan interactions, and the role of glycans in biological systems. This field is closely linked with fundamental research, biomedicine, and biotechnology. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.148 mL  | 10.7402 mL | 21.4804 mL |
| 5 mM  | 0.4296 mL | 2.148 mL   | 4.2961 mL  |
| 10 mM | 0.2148 mL | 1.074 mL   | 2.148 mL   |
| 50 mM | 0.043 mL  | 0.2148 mL  | 0.4296 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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