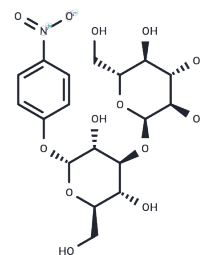


4-Nitrophenyl 3-O- α -D-glucopyranosyl- α -D-glucopyranoside

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 136632-95-6 |
| Formula: | C ₁₈ H ₂₅ N ₁ O ₁₃ |
| Molecular Weight: | 463.39 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i> |



Biological Description

| | |
|---------------|--|
| Description | 4-Nitrophenyl 3-O- α -D-glucopyranosyl- α -D-glucopyranoside is a biochemical reagent utilized in glyobiology research. Glyobiology focuses on the study of the structure, synthesis, biology, and evolution of sugars. This field encompasses 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 | 2.158 mL | 10.790 mL | 21.5801 mL |
| 5 mM | 0.4316 mL | 2.158 mL | 4.316 mL |
| 10 mM | 0.2158 mL | 1.079 mL | 2.158 mL |
| 50 mM | 0.0432 mL | 0.2158 mL | 0.4316 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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