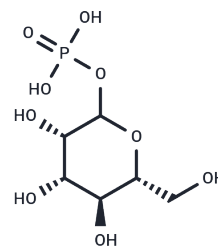


Mannose 1-phosphate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 27251-84-9 |
| Formula: | C ₆ H ₁₃ O ₉ P |
| Molecular Weight: | 260.14 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|--|
| Description | Mannose 1-phosphate, an endogenous metabolite, serves as a substrate for the enzyme GDP-mannose pyrophosphorylase to synthesize GDP-Man [1]. |
| Targets(IC50) | Others,Endogenous Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.8441 mL | 19.2204 mL | 38.4408 mL |
| 5 mM | 0.7688 mL | 3.8441 mL | 7.6882 mL |
| 10 mM | 0.3844 mL | 1.922 mL | 3.8441 mL |
| 50 mM | 0.0769 mL | 0.3844 mL | 0.7688 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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