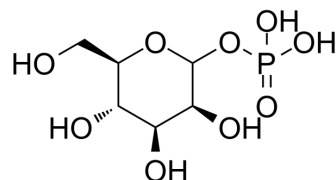


## Mannose 1-phosphate

Cat. No.:	HY-16304
CAS No.:	27251-84-9
Molecular Formula:	C <sub>6</sub> H <sub>13</sub> O <sub>9</sub> P
Molecular Weight:	260.14
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Mannose 1-phosphate is an endogenous metabolite. Mannose 1-phosphate can be used to synthesize GDP-Man by the enzyme GDP-mannose pyrophosphorylase<sup>[1]</sup>.

### REFERENCES

[1]. Davis AJ, et al. Properties of GDP-mannose pyrophosphorylase, a critical enzyme and drug target in *Leishmania mexicana*. *J Biol Chem*. 2004 Mar 26;279(13):12462-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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