

## D-Mannose

**Cat:** G8370

**Specification:** 10g

**Storage:** Store at room temperature, and it is valid for 2 years.

### Product Information

**CAS:** 3458-28-4

**English name:** D-Mannose; D-Mannopyranose; D-(+)-Mannose

**Appearance (Character):** White crystalline powder

**Molecular Formula:**  $C_6H_{12}O_6$

**Molecular Weight:** 180.157

**Purity:** 99%

**Grade:** Pharmaceutical Grade

**Solubility:** 200 mg/ml in water

### Introduction

D-mannose is a carbohydrate that plays an important role in the glycosylation of molecules in various cellular processes. It involves the N and ChemicalbookO glycosylation of bovine protein products used in infant formula milk powder. It is also responsible for the O-glycosylation of the helper T cell-derived cytokine interleukin-17A, an important cell signaling molecule.

Used for cell culture and molecular biology.

### Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
3. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
4. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.