

## Chlormequat chloride

**Cat:** C8790

**Specification:** 100g

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

### Product Information

**CAS:** 999-81-5

**English name:** Chlormequat chloride

**Alias:** Chlorocholine; Chloride; Cycogan; Cycocel-Extra; Increcel; Lihocin.

**Appearance (Character):** White powder or agglomerates

**Molecular Formula:** C<sub>5</sub>H<sub>13</sub>Cl<sub>2</sub>N

**Molecular Weight:** 158.07

**Purity:** ≥98%

**Solubility:** 1.5 mg/mL in water.

### Introduction

Used for biochemical research; A good plant growth regulator that can be used in crops such as wheat, rice, cotton, tobacco, corn, and tomatoes. It inhibits the elongation of crop cells but does not inhibit cell division, making the plants shorter, the stems thicker, the leaf color greener, and making the crops resistant to drought and floods. It prevents the crops from growing too tall and lodging, resists salt and alkali, and prevents cotton from dropping bolls. It can also increase the size of potato tubers.

It has a fishy smell, is easily absorbed by moisture, easily soluble in water, and difficult to dissolve in ether and hydrocarbon organic solvents. It decomposes in the presence of alkali.

### 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.