

## Levofloxacin HCl

**Cat:** L7590

**Specification:** 5g

**Storage:** Store at 2-8°C, and it is valid for 2 years.

### Product Information

**CAS:** 177325-13-2

**English name:** Levofloxacin HCl

**Appearance (Character):** White powder

**Molecular Formula:** C<sub>18</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>4</sub> HCl

**Molecular Weight:** 397.83

**Purity:** 98%

**Solubility:** 10mg/ml in water

### Introduction

Levofloxacin hydrochloride is the levorotatory form of ofloxacin, with its antibacterial activity being approximately twice that of ofloxacin. Its main mechanism of action is to inhibit the activity of bacterial DNA gyrase (bacterial topoisomerase II), thereby hindering bacterial DNA replication. It is characterized by a broad antibacterial spectrum and strong antibacterial effect.

### 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.