

Cefzlan 100 DT Tablet

Cefixime (100 mg) Tablet

Dosage and Administration

Composition

Each tablet contains:

- Cefixime (as Cefixime Trihydrate): 100 mg

Description

Cefixime 100 mg Tablet is an oral third-generation cephalosporin antibiotic that effectively treats a range of bacterial infections. It works by inhibiting bacterial cell wall synthesis, leading to bacterial cell death. Cefixime is commonly used for infections where broad-spectrum coverage is required.

Indications

Cefixime 100 mg Tablet is indicated for the treatment of bacterial infections, including:

- Upper respiratory tract infections: Tonsillitis, pharyngitis, and sinusitis
- Lower respiratory tract infections: Bronchitis and mild pneumonia
- Urinary tract infections: Cystitis and pyelonephritis
- Otitis media (middle ear infections)
- Typhoid fever
- Uncomplicated gonorrhea

- Adults and Adolescents (≥ 12 years):
 - The typical dose is 200–400 mg daily, either as a single dose or divided into two doses every 12 hours.
- Children (under 12 years):
 - Dosage is typically based on body weight and given as 8 mg/kg/day, either as a single dose or divided into two doses.
- Administration:
 - Tablets should be taken orally with or without food.
 - Taking with food may improve absorption and reduce gastrointestinal discomfort.

Note: Dosage and duration depend on the type and severity of the infection. Always follow your healthcare provider's prescription.

Mechanism of Action

Cefixime binds to penicillin-binding proteins (PBPs) in the bacterial cell wall, inhibiting the final stage of bacterial cell wall synthesis. This leads to cell wall weakening and ultimately bacterial death.

Contraindications

- Known hypersensitivity to cefixime, other cephalosporins, or any excipients in the formulation.
- Severe allergic reactions to penicillin or other beta-lactam antibiotics.

Warnings and Precautions

- **Allergic Reactions:** Discontinue immediately if signs of hypersensitivity appear, such as rash, swelling, or difficulty breathing.
- **Renal Impairment:** Use with caution in patients with renal impairment; dose adjustment may be necessary.
- **Superinfection:** Prolonged use can lead to the overgrowth of resistant organisms, including fungi.
- **Clostridium difficile-associated Diarrhea (CDAD):** Monitor for signs of severe diarrhea; discontinue if symptoms are severe.

Side Effects

Common side effects include:

- **Gastrointestinal:** Diarrhea, nausea, abdominal pain
- **Allergic reactions:** Skin rash, itching, urticaria
- **Less common:** Headache, dizziness, elevated liver enzymes

Drug Interactions

- **Anticoagulants:** Cefixime may increase the risk of bleeding; monitor INR/PT with anticoagulants like warfarin.
- **Probenecid:** Can increase serum levels of cefixime.
- **Live bacterial vaccines:** Cefixime may reduce the efficacy of live bacterial vaccines, such as the typhoid vaccine.

Storage

- Store at room temperature (below 25°C) in a dry place, protected from light and moisture.
- Keep out of reach of children.

Note: Use this medication strictly as directed by your healthcare provider. Complete the full prescribed course to ensure the effectiveness of treatment and prevent the development of antibiotic resistance. If severe side effects or an allergic reaction occurs, seek immediate medical attention.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,

Panchkula-134113

TM: Trademark Applied for