

Brand Name: ACOCEF-200 DT

Composition: cefixime dispersible tablet IP. 200 mg

Dosage Form: Tablets (Dispersible)

Category: Oral Broad-Spectrum Antibiotic (3rd Generation Cephalosporin)

Packaging Type: Alu-Alu

Packaging: 10 x 10

Brief Product Introduction:

ACOCEF-200 DT is a dispersible antibiotic tablet containing **Cefixime 200 mg**, manufactured by **AstraEureka Pharmaceutical**, a reputable **manufacturer of Cefixime composition**. Designed for quick dispersion and easy administration, especially in patients with difficulty swallowing, this formulation offers effective coverage against a broad spectrum of gram-positive and gram-negative bacteria. Cefixime, a third-generation cephalosporin, works by inhibiting bacterial cell wall synthesis, leading to cell lysis and death. ACOCEF-200 DT is indicated in respiratory tract infections, urinary tract infections, typhoid fever, otitis media, and uncomplicated gonorrhea. With its excellent safety profile and proven efficacy, it ensures quick symptom relief and high patient compliance. Ideal for pediatric and adult use, ACOCEF-200 DT is a preferred oral antibiotic in both outpatient and hospital settings.

Composition:

Each uncoated dispersible tablet contains:

Cefixime IP (as trihydrate)

equivalent to Anhydrous Cefixime.....200 mg

Excipients..... q.s.

Key Benefits:

1. Broad-spectrum antibacterial action
2. Dispersible tablet for easy administration
3. Effective against drug-resistant and β -lactamase-producing strains
4. High oral bioavailability and prolonged serum concentration
5. Convenient once or twice daily dosing

Indications:

1. Upper respiratory tract infections (e.g., pharyngitis, tonsillitis)
2. Lower respiratory tract infections (e.g., bronchitis)
3. Urinary tract infections (UTIs), cystitis
4. Typhoid and paratyphoid fever
5. Otitis media
6. Uncomplicated gonorrhea

Directions for Use:

1. Disperse the tablet in a small quantity of water before administration
2. Can also be swallowed whole with water if preferred
3. Administer with or without food
4. Follow the dosage as prescribed by the healthcare professional

Dosage and Administration:

1. **Adults:** One tablet (200 mg) once or twice daily, as directed by the physician
2. **Children (above 10 years):** As prescribed based on weight and clinical condition
 - Duration: Usually 5–14 days depending on the infection

Safety Information:

1. Complete full course as prescribed
2. Use under strict medical supervision
3. Monitor renal function in long-term use or in elderly patients
4. Avoid use with antacids or iron supplements during the dosing interval

Mechanism of Action:

- Cefixime is a third-generation cephalosporin that inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins (PBPs).
- This results in inhibition of peptidoglycan synthesis, weakening the bacterial cell wall, and leading to cell death.
- It is stable in the presence of most β -lactamases, making it effective against resistant strains.

Contraindications:

1. Hypersensitivity to cephalosporins or penicillins
2. History of severe allergic reactions to β -lactam antibiotics
3. Caution in patients with gastrointestinal disorders, especially colitis

Side Effects:

1. Nausea, diarrhea, abdominal pain
2. Headache, dizziness
3. Allergic rash or itching

4. Rare: Pseudomembranous colitis, hepatic enzyme elevation

Important Notice:

1. Not effective against viral infections (e.g., cold or flu)
2. Discontinue and consult physician if allergic reaction or severe side effects occur
3. Avoid alcohol during the course
4. Keep out of reach of children

Storage Condition:

1. Store below 25°C in a dry, cool place
2. Protect from moisture and direct sunlight
3. Keep tablets in original packaging until use

Packing Information:

- Each alu-alu contains 10 uncoated dispersible tablets
- Packed in Alu-Alu strips, 10 x 10 tablets per box

