

Brand Name: DOXOMIN-200 DT

Composition: Cefpodoxime Proxetil IP

Dosage Form: Dispersible Tablets

Category: Oral Cephalosporin Antibiotic

Packaging Type: ALU-ALU

Packaging: 10 x 10 tablets

Brief Product Introduction:

DOXOMIN-200 DT is a broad-spectrum, third-generation cephalosporin antibiotic manufactured by **AstraEureka Pharmaceutical**, a reliable **manufacturer of Cefpodoxime Proxetil composition tablets**. This dispersible tablet formulation delivers **200 mg of Cefpodoxime**, offering excellent oral absorption and high efficacy against a wide range of Gram-positive and Gram-negative bacterial infections. DOXOMIN-200 DT is particularly effective in treating respiratory tract infections, urinary tract infections, ENT infections, skin infections, and soft tissue infections. Its dispersible form ensures better patient compliance, especially in individuals with swallowing difficulties. Cefpodoxime works by inhibiting bacterial cell wall synthesis, leading to bactericidal action. The product is recommended in both outpatient and hospital settings where oral cephalosporins are indicated. DOXOMIN-200 DT is formulated to ensure consistent therapeutic outcomes and safety across a range of clinical indications.

Composition:

Each uncoated dispersible tablet contains:

Cefpodoxime Proxetil IP

Equivalent to Cefpodoxime.....200 mg

Excipients.....q.s.

Key Ingredients:

- Cefpodoxime Proxetil 200 mg
- Equivalent to active Cefpodoxime
- Excipients q.s.

Key Benefits:

1. Broad-spectrum coverage for common bacterial infections
2. Dispersible tablet for easy administration
3. High oral bioavailability and consistent plasma levels
4. Effective in respiratory, urinary, ENT, and skin infections
5. Bactericidal action ensures complete bacterial eradication

Indications:

1. Acute bacterial sinusitis
2. Pharyngitis and tonsillitis
3. Lower respiratory tract infections (e.g., bronchitis, pneumonia)
4. Skin and soft tissue infections
5. Urinary tract infections
6. Otitis media

Directions for Use:

1. Disperse the tablet in a small quantity of water before administration
2. Administer with or after food to enhance absorption
3. Follow dosage schedule as prescribed by a physician

Dosage and Administration:

- **Adults and adolescents:** 200 mg twice daily
- **Children (above 12 years):** As per body weight and physician's advice
- Duration of therapy depends on the severity of infection
- Complete full course even if symptoms improve early

Mechanism of Action:

- **Cefpodoxime Proxetil** is a prodrug that is hydrolyzed in the gastrointestinal tract to release **Cefpodoxime**, the active moiety.
- Cefpodoxime binds to penicillin-binding proteins (PBPs) in bacterial cell walls, inhibiting peptidoglycan synthesis.
- This leads to weakening and lysis of the bacterial cell, causing bactericidal activity.
- It is effective against β -lactamase-producing organisms, making it reliable in resistant infections.

Safety Information:

1. Take the full course of antibiotics to prevent resistance
2. Use cautiously in patients with renal impairment
3. Monitor for signs of hypersensitivity
4. Do not use beyond prescribed duration

Contraindications:

1. Hypersensitivity to cephalosporins or penicillins
2. Severe renal insufficiency (adjust dose if necessary)

3. History of antibiotic-associated colitis

Side Effects:

1. Common: Nausea, diarrhea, abdominal pain
2. Rare: Rash, urticaria, headache, dizziness
3. Very rare: Pseudomembranous colitis, hypersensitivity reactions

Important Notice:

- Do not skip doses or stop treatment early
- Not to be used in viral infections
- Use only under medical supervision
- Keep out of reach of children

Storage Condition:

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

Packing Information:

- Each strip contains 10 dispersible tablets
- Packed in ALU-ALU Pack
- 10 strips per box (10 x 10 tablets = 100 tablets)