

Brand Name: DOXOMIN-CV 325

Composition: Cefpodoxime Proxetil IP & Potassium Clavulanate diluted IP tablet

Dosage Form: TABLET

Category: Broad-Spectrum Antibiotic (Beta-lactam + Beta-lactamase inhibitor)

Packaging Type: Alu-Alu Mono Pack

Packaging: 10 × 1 × 6

Brief Product Introduction:

DOXOMIN-CV 325 is a powerful antibiotic combination manufactured by **AstraEureka Pharmaceutical**, designed to treat a wide range of bacterial infections. Each tablet contains **Cefpodoxime 200 mg**, a third-generation cephalosporin with high efficacy against gram-positive and gram-negative organisms, and **Clavulanic Acid 125 mg**, a beta-lactamase inhibitor that enhances the antibacterial spectrum by overcoming resistance. This combination is particularly effective in respiratory tract infections, urinary tract infections, ENT infections, skin infections, and gynecological infections. The formulation is film-coated for better stability and patient compliance. DOXOMIN-CV 325 is prescribed in infections where beta-lactamase producing organisms are suspected, ensuring effective bacterial eradication. It offers extended spectrum and enhanced clinical success. Packaged in **10 × 1 × 6 ALU-ALU** format, it ensures product integrity and ease of dispensing. Trusted by healthcare professionals, DOXOMIN-CV 325 reflects AstraEureka's commitment as a quality manufacturer of cefpodoxime-based compositions.

Composition:

Each film-coated tablet contains:

Cefpodoxime Proxetil IP

equivalent to Cefpodoxime.....200 mg

Potassium Clavulanate diluted IP

equivalent to Clavulanic Acid.....125 mg

Excipients – Q.S.

Key Benefits:

1. Effective against resistant gram-positive and gram-negative bacteria
2. Enhanced efficacy due to beta-lactamase inhibition
3. Useful in mixed or complicated infections
4. Well tolerated with high oral bioavailability
5. Combats infections unresponsive to conventional cephalosporins

Indications:

1. Upper and lower respiratory tract infections (sinusitis, bronchitis, pneumonia)

2. ENT infections (otitis media, pharyngitis, tonsillitis)
3. Urinary tract infections
4. Skin and soft tissue infections
5. Infections caused by beta-lactamase producing bacteria

Directions for Use:

1. Swallow whole with water
2. Take preferably after meals to enhance absorption
3. Do not crush or chew the tablet

Dosage and Administration:

1. **Adults:** One tablet twice daily or as directed by the physician
2. Duration of treatment depends on the severity and site of infection

Safety Information:

1. Use under medical supervision
2. Not recommended in patients with known penicillin or cephalosporin allergy
3. Dose adjustment may be required in renal impairment
4. Complete full course even if symptoms improve

Mechanism of Action:

- **Cefpodoxime** acts by inhibiting bacterial cell wall synthesis through binding to penicillin-binding proteins, leading to cell lysis.
- **Clavulanic Acid** inactivates beta-lactamase enzymes produced by resistant bacteria, thus protecting cefpodoxime from degradation.
- Together, they ensure potent and broad-spectrum antibacterial activity against otherwise resistant pathogens.

Contraindications:

1. Hypersensitivity to cephalosporins, penicillins, or any formulation component
2. Caution in patients with a history of seizures or gastrointestinal disease

Side Effects:

1. Nausea, vomiting, diarrhea
2. Skin rash, itching
3. Headache, dizziness (rare)
4. Superinfection or candidiasis with prolonged use

Important Notice:

- DOXOMIN-CV 325 is a prescription antibiotic.
- Misuse or incomplete dosing may lead to resistance.
- Always follow physician's advice and avoid using without proper indication.

Storage Conditions:

1. Store in a cool, dry place below 25°C
2. Protect from light and moisture
3. Keep out of reach of children

Packing Information:

- 10 × 1 × 6 Strip Pack pack
- Tamper-evident and moisture-resistant packaging

