## Information For the User Cefepime (1gm) + Sulbactum (500mg)

# **Tillpime S 1.5 Injection**

**Brand Name:** Tillpime S 1.5 Injection

**Dosage Form:** Injection

## **Composition:**

Each vial contains: Cefepime I.P. 1 g Sulbactam Sodium I.P. 500 mg

## **Therapeutic Segment:**

**Antibiotic / Anti-Infective Segment** 

## **Therapeutic Indication:**

Indicated for the treatment of:

- Severe respiratory tract infections including pneumonia and bronchitis
- Urinary tract infections (UTIs)
- Skin and soft tissue infections
- Intra-abdominal infections
- Gynecological infections
- Septicemia and other serious bacterial infections

It helps in treating infections caused by both susceptible and  $\beta$ -lactamase producing bacteria, providing broad-spectrum antibacterial coverage.

#### **Mechanism of Action:**

- **Cefepime** is a fourth-generation cephalosporin that inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins, causing bacterial lysis.
- **Sulbactam** is a  $\beta$ -lactamase inhibitor that prevents bacterial enzymes from inactivating cefepime, enhancing its efficacy against resistant strains.

## **Dosage & Administration:**

- Administer intravenously (IV) or intramuscularly (IM) as directed by the physician.
- Usual adult dose: 1.5 g every 8–12 hours depending on infection severity.
- Reconstitute the vial with sterile water for injection or suitable diluent before administration.
- Dose adjustment is required in patients with renal impairment.

### **Contraindications:**

• Hypersensitivity to cephalosporins, penicillins, or  $\beta$ -lactam antibiotics.

## **Warnings & Precautions:**

- Use with caution in patients with renal or hepatic impairment.
- Monitor for signs of superinfection or antibiotic-associated diarrhea.
- Allergic reactions, including anaphylaxis, may occur in sensitive individuals.

### **Side Effects:**

- Common: Pain at injection site, nausea, diarrhea, rash.
- Rare: Hypersensitivity reactions, hematologic changes, transient liver enzyme elevation.

## **Storage:**

Store below 25°C in a cool, dry place. Protect from light and moisture. Use immediately after reconstitution.

## **Packaging:**

Tillpime S 1.5 Injection is available as a sterile vial with suitable diluent.

#### Schedule:

Schedule H1 Drug – To be sold by retail on the prescription of a Registered Medical Practitioner only.

Manufactured in India for:



(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I, Panchkula-134113

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