

Information For the User

Aztreonam (1gm)

# Aztrip 1 Injection

**Brand Name:** Aztrip 1 Injection

**Dosage Form:** Injection

**Composition:**

Each vial contains:

Aztreonam IP 1 g

**Therapeutic Indication:**

Indicated for the treatment of moderate to severe bacterial infections caused by susceptible Gram-negative organisms.

These include urinary tract infections, lower respiratory tract infections, septicemia, intra-abdominal infections, skin and soft tissue infections, and gynecological infections.

It helps by effectively eliminating infection-causing bacteria and promoting faster recovery.

**Mechanism of Action:**

Aztreonam is a monobactam beta-lactam antibiotic that inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins (PBPs).

This leads to disruption of bacterial cell wall integrity, resulting in cell lysis and death.

It is active primarily against aerobic Gram-negative bacteria and resistant to many beta-lactamases.

**Dosage & Administration:**

Dose and route of administration should be determined by the physician based on infection type and severity.

Administer by intramuscular (IM) or intravenous (IV) route.

Typical adult dose: 1 g to 2 g every 8–12 hours, adjusted according to renal function and clinical condition.

Reconstitute the vial with sterile water for injection before use.

**Contraindications:**

Hypersensitivity to aztreonam or any component of the formulation.

Caution advised in patients with known beta-lactam antibiotic allergies.

**Warnings & Precautions:**

Use with caution in patients with renal impairment or hepatic dysfunction.

Monitor renal and hepatic function during prolonged treatment.

Discontinue use if allergic or severe gastrointestinal reactions occur.

Not effective against Gram-positive bacteria or anaerobes.

**Side Effects:**

Common: Pain, redness, or swelling at injection site, diarrhea, nausea, vomiting, rash.

Rare: Elevated liver enzymes, eosinophilia, thrombophlebitis, or hypersensitivity reactions.

**Storage:**

Store below 25°C in a cool, dry place.

Protect from light and moisture.

Use freshly prepared solution immediately after reconstitution.

Keep out of reach of children.

**Packaging:**

Aztrip 1 Injection is supplied in sterile glass vials containing 1 g of Aztreonam, with sterile water for injection as diluent (where applicable).

**Schedule:**

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

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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

Panchkula-134113

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