

ENRODOT- 50

Enrofloxacin I.P. 50 mg Veterinary Tablet

DESCRIPTION

Enrofloxacin is a powerful **fluoroquinolone-class antibiotic** used in veterinary medicine for the treatment of **bacterial infections** caused by susceptible Gram-positive and Gram-negative organisms. At this **low-dose 50 mg strength**, it is specifically formulated for **small ruminants, young animals, or weight-specific dosing** in larger livestock.

It is especially effective against pathogens in the **respiratory, gastrointestinal, urinary, and reproductive tracts**, and is also used for **systemic bacterial infections**.

SPECIFICATION

Composition per Tablet:

- **Enrofloxacin I.P.** — 50 mg
- **Excipients** — q.s. (pharmacologically inactive substances suitable for Tablet form)

CATEGORY

- **Pharmacological Class:** Fluoroquinolone Antibiotic
- **Therapeutic Class:** Antibacterial Agent (Veterinary Use)

INDICATIONS

Indicated for the treatment of infections due to **Enrofloxacin-sensitive organisms**, including:

- Respiratory tract infections (pneumonia, bronchitis)
- Gastrointestinal infections (colibacillosis, enteritis)
- Urinary tract infections
- Skin and soft tissue infections
- Reproductive infections (metritis, endometritis)
- General systemic bacterial infections

PRESENTATION

- **Dosage Form:** Oral Veterinary Tablet
- **Pack Size:** 10 × 10 (100 Tablets per carton)
- **Packaging:** Blister/strip / Alu Alu packs in printed cartons
- **Target Species:** Calves, Kids, Lambs, Goats, Sheep, and small-sized animals
- **Also suitable for:** Weight-adjusted dosing in larger animals

DOSAGE & ROUTE OF ADMINISTRATION

- **Route:** Oral
- **Recommended Dosage:**
 - 5 mg/kg body weight per day (adjusted using multiple Tablets if needed)
 - Example: One 50 mg Tablet per 10 kg body weight
- **Frequency:** Once daily for 3–5 days or as advised by a veterinarian

ADVANTAGES

- Ideal strength for **precise dosing in smaller animals**
- Broad-spectrum antibacterial action
- Fast absorption and high tissue penetration
- Convenient Tablet format for field use
- Suitable for both treatment and metaphylactic applications

ADVERSE EFFECTS

- Rare and usually mild, but may include:
 - Temporary inappetence or digestive discomfort
 - Hypersensitivity or allergic reaction (very rare)
 - Cartilage-related issues if overdosed in growing animals

PRECAUTIONS

- Use only under veterinary prescription
- Not to be used in animals with known quinolone sensitivity
- Avoid use in growing animals unless necessary
- Ensure accurate weight-based dosing to prevent under/overdosing
- Do not use concurrently with other fluoroquinolones

WITHDRAWAL PERIOD

- **Meat:** Minimum 28 days
- **Milk:** Minimum 7 days

STORAGE CONDITIONS

- Store in a cool, dry place below 30°C
- Protect from moisture and direct sunlight
- Keep in original packaging until use

HANDLING INSTRUCTIONS

- Use clean hands or gloves when handling
- Do not crush or break the Tablet unless directed by vet
- Wash hands thoroughly after administration
- Keep away from children and non-target species

SCHEDULE & REGULATORY CLASSIFICATION

- **Schedule H** (Veterinary Use Only – Prescription Required)
- Compliant with national veterinary drug control standards

HS & HSN CODES

- **HS Code (International):** 3004.90
- **HSN Code (India):** 30049099

HUMAN VS. VETERINARY APPLICATION

- **Strictly for veterinary use only**
- Not intended for human consumption
- Specially formulated for the dosage and safety requirements of livestock and small animals

SPECIAL INSTRUCTIONS

- Perform sensitivity testing where possible before use
- Reevaluate therapy if no improvement seen in 48–72 hours
- Combine with supportive therapy (fluids, electrolytes) in severe infections
- Keep treated animals under observation for first 24 hours post-dosing

FREQUENTLY ASKED QUESTIONS (FAQ)

Q: What is the main use of the 50 mg Enrofloxacin Tablet?

A: It's ideal for small ruminants or precise dosing in young or lightweight animals.

Q: Can I use multiple Tablets for larger animals?

A: Yes, dosage can be scaled based on body weight under vet supervision.

Q: How long should treatment last?

A: Generally 3 to 5 days depending on severity and response.

Q: Is it safe for lactating animals?

A: Yes, with adherence to the milk withdrawal period of 7 days.

Q: Should this Tablet be used preventively?

A: Only if prescribed by a veterinarian for metaphylactic use in high-risk conditions.