

ENRODOT-150

Enrofloxacin I.P. 150 mg Veterinary Tablets

DESCRIPTION

Enrofloxacin is a synthetic broad-spectrum **fluoroquinolone antibiotic** used extensively in veterinary medicine. It acts by inhibiting bacterial DNA gyrase and topoisomerase IV, which are critical enzymes in bacterial DNA replication and repair, leading to rapid bacterial death. This formulation is designed for oral administration in **large and small ruminants**, and is particularly effective against **respiratory, gastrointestinal, urinary tract, and systemic bacterial infections**.

SPECIFICATION

Composition per Tablets:

- **Enrofloxacin I.P.** — 150 mg
- **Excipients** — q.s. (pharmacologically inactive ingredients formulated for veterinary Tablets)

CATEGORY

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

INDICATIONS

Recommended for the treatment of infections caused by **Enrofloxacin-sensitive organisms**, including:

- Respiratory tract infections (pneumonia, bronchitis)
- Gastrointestinal infections (enteritis, salmonellosis)
- Urinary tract infections
- Septicaemia and systemic bacterial infections
- Post-operative infections
- Mastitis and metritis (under vet supervision)

PRESENTATION

- **Dosage Form:** Oral Tablets
- **Pack Size:** 1 × 10 (10 Tablets per strip/carton)
- **Packaging:** Strip or blister pack sealed in labelled cartons
- **Target Species:** Cattle, Buffalo, Sheep, Goats

DOSAGE & ROUTE OF ADMINISTRATION

- **Route:** Oral
- **Recommended Dosage:**
 - Large animals: 1 Tablets per 150–200 kg body weight
 - Small ruminants: Adjust dosage based on weight
- **Frequency:** Once daily for 3–5 days, or as directed by a veterinarian

ADVANTAGES

- Broad-spectrum antibacterial activity
- Rapid onset of action
- Well-tolerated and safe at recommended doses
- Ideal for treatment of both localized and systemic infections
- High tissue penetration, including lungs, kidneys, and reproductive tract

ADVERSE EFFECTS

- Rare side effects include:
 - Temporary gastrointestinal upset (loss of appetite, diarrhoea)
 - Neuromuscular reactions in sensitive animals
 - Photosensitivity (rare)
- Avoid overdose to reduce risk of joint cartilage damage in young animals

PRECAUTIONS

- Use only under veterinary supervision
- Not to be used in animals with known hypersensitivity to quinolones
- Avoid use in growing animals unless prescribed (risk to cartilage development)
- Do not use in animals intended for breeding unless cleared by vet

WITHDRAWAL PERIOD

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

STORAGE CONDITIONS

- Store below 30°C in a dry place
- Protect from light and moisture
- Keep sealed in original packaging until use

HANDLING INSTRUCTIONS

- Use gloves if required
- Do not crush or break the Tablets
- Wash hands thoroughly after administration
- Keep out of reach of children and non-target species

SCHEDULE & REGULATORY CLASSIFICATION

- **Schedule "H"** Veterinary Medicinal Product (Prescription Required)
- Controlled under national veterinary pharmaceutical regulations

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 use
- Formulated for dosing and safety in ruminant species

SPECIAL INSTRUCTIONS

- Do not use concurrently with other antibiotics without veterinary advice
- Ensure adequate hydration of the animal during treatment
- Monitor clinical response; discontinue if no improvement in 72 hours
- Store away from feed or drinking water to avoid accidental ingestion

FREQUENTLY ASKED QUESTIONS (FAQ)

Q: What types of infections does this Tablets treat?

A: It treats bacterial infections of the respiratory tract, digestive tract, urinary system, and reproductive organs.

Q: Is this Tablets safe for pregnant or lactating animals?

A: Use only if prescribed; caution is advised during pregnancy and lactation.

Q: Can this be used in young animals?

A: Not recommended for very young or growing animals due to risk of joint cartilage issues.

Q: How long should treatment continue?

A: Typically, 3–5 days, but follow your vet's specific instructions.

Q: Can this be used alongside other antibiotics?

A: Only under veterinary supervision; avoid combinations without prescription.