DOTALEX

Buparvaquone-50 mg Injection for Veterinary Use

📋 Description

Buparvaquone is a **second-generation hydroxynaphthoquinone**, classified as an **antiprotozoal agent**. It is highly effective in the **treatment of Theileriosis** (caused by *Theileria annulata* and *Theileria parva*) in cattle and buffaloes. This formulation ensures a **rapid action against protozoa**, restoring health and productivity in infected animals with minimal toxicity.

⚙️ Composition *(per mL)*

- **Buparvaquone** – 50 mg
- **Sterile oily base (I.P.)** – q.s. to 1 mL

🏷️ Category

Antiprotozoal / Antitheilerial Agent
Belongs to the **naphthoquinone** class of compounds.

📊 Specifications

- **Form**: Sterile injectable oily solution
- **Appearance**: Clear yellow to amber-coloured liquid
- **Container**: 20 ml amber glass vial
- **Closure**: Rubber stopper with aluminium seal
- **Sterility**: Conforms to I.P. standards

💉 Indications

- Treatment of **Bovine Tropical Theileriosis**
- Effective against both **acute and chronic** stages
- Restores health in animals with **high fever, lymph node swelling, and anaemia**

💊 Dosage & Route of Administration

- **Cattle & Buffaloes**:
  👉 2.5 mg/kg body weight (usually 1 mL/20 kg)
  👉 Repeat after 48–72 hours if necessary
- **Route**: Intramuscular (IM) only
- **Pack Size**: 20 ml vial

🧴 Product Form

- **Oily injectable solution**
- Amber 20 ml **multi-dose vial**
- Shake well before use

📈 Usage & Advantages

- Highly effective in **clearing Theileria parasites**
- Rapid recovery of **appetite, energy, and milk yield**
- Safe when used at recommended dosage
- Fewer side effects compared to older treatments

⚠️ Adverse Effects

- Possible **local reaction** at injection site
- Rarely may cause **mild fever or lethargy**
- Avoid use in **severely immunocompromised animals**

🗓️ Withdrawal Period

- **Meat**: 42 days
- **Milk**: 48 hours

❄️ Storage & Handling

- Store below **25°C/** Use sterile syringe for each withdrawal
- Protect from **light and moisture**
- Do not refrigerate or freeze

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Precautions

- **Veterinary use only**
- Do not use in animals intended for **immediate slaughter**
- Not for use in **lactating animals producing milk for human use**, unless withdrawal observed
- Avoid **concurrent use with immunosuppressants**

HS and HSN Codes

- **HS Code**: 30049099
- **HSN Code**: 3004

Human & Veterinary Application

- **Strictly for veterinary use**
- Not intended or safe for human use
- Handle with gloves and wash hands after use

Frequently Asked Questions (FAQs)

- **Q1: What is Buparvaquone used for?**
  It's used for the treatment of **Theileriosis** in cattle and buffaloes.
- **Q2: How is it administered?**
  IM (intramuscular) injection only.
- **Q3: Can it be used in pregnant animals?**
  With caution — only under veterinary supervision.
- **Q4: Does it need refrigeration?**
  No, store below 25°C — **do not freeze**.
- **Q5: Withdrawal periods?**
  Yes — **42 days for meat**, **48 hours for milk**.