

## **DUFAXLOX-C ORAL**

### **Composition:**

Contains per ml oral solution:

Enrofloxacin ..... 100 mg

Colistin sulfate ..... 1,200,000 IU

### **Description:**

The combination colistin sulfate and enrofloxacin provides an additive and enhanced bactericidal action.

Enrofloxacin is a synthetic, broad-spectrum fluoroquinolone antibiotic with bactericidal activity against both Gram-positive and Gram-negative microorganisms (e.g. *E. coli*, *Salmonella spp.*, *Staphylococcus spp.*, *Pasteurella spp.*, *Streptococcus spp.*, *Klebsiella spp.*, *Pseudomonas spp.*, *Campylobacter spp.*) as well as against *Mycoplasma spp.*, *Chlamydia spp.* or *Rickettsia spp.* The important feature of fluoroquinolones is their general concentration dependent killing, which has the additional benefit of preventing the emergence of resistance.

Colistin sulfate (polymyxin E) is rapid bactericidal as well, with highly activity against many species of Gram-negative organisms, such as *E. coli*, *Salmonella spp.*, *Pseudomonas aeruginosa*, *Haemophilus spp.* It is poorly absorbed after oral administration, and it is in general orally administered for the local (gastrointestinal) action. It is mainly excreted unchanged in faeces.

### **Indications:**

Treatment of gastrointestinal, respiratory, genitourinary and skin infections in poultry and swine caused by microorganisms susceptible to enrofloxacin and colistin sulfate, (e.g. fowl cholera, colibacillosis, salmonellosis, coryza, dermatitis etc.).

### **Contraindications:**

Do not administer in case of known hypersensitivity to enrofloxacin, the general class of fluoroquinolones, colistin or polymyxins.

Do not administer in animals with severe impaired renal or hepatic function.

### **Dosage and administration:**

For oral administration in drinking water.

Poultry: 1 L per 2000 litres of drinking water, daily, 3 - 5 days. (ca. 10 mg enrofloxacin and ca. 5 mg colistin/kg b.w.).

Swine: 1 ml per 20 kg body weight, daily, 3 – 5 days. (5 mg enrofloxacin and ca. 2.5 mg colistin/kg b.w.).

Shake well before use! Medicated water should be used immediately and refreshed every 24 hours for the duration of the treatment and should be the only source of water for animals during the period of treatment. The body weight should be determined with accuracy to avoid under- or overdosing (i.e. in pigs).

**Side effects:**

Gastrointestinal disturbances (mild diarrhoea, imbalance of the gut microbial community).  
Quinolones may cause articular lesions in young animals.

**Precautions and warnings:**

It is recommended that the susceptibility of the causative microorganisms is established before treatment is commenced.

Severely sick animals have altered drinking patterns and may need to be medicated parenterally.  
Dosage may need to be adjusted to reflect the flock water consumption.

**Withdrawal times:**

Meat and offal: 7 days

Do not use in layers producing eggs for human consumption.

**Storage conditions:**

Store in dry place and below 25°C. Do not freeze.

**Packing:**

100 ml and 1 litre bottles.