

MASTILEK[®] FORTE

Suspension for intramammary administration

Description

Yellow suspension.

Composition

10 ml of the drug contains:

active ingredients: cefquinome (equivalent to cefquinome sulfate) – 75 mg; prednisolone – 10 mg; enrofloxacin – 500 mg;

excipients - vegetable oil, propylparahydroxybenzoate, methylparahydroxybenzoate.

Pharmacological properties

ATCvet: QJ01. Antibacterials of systemic action. **QJ01DE90.** Cefquinome.

Cefquinome is a cephalosporin of the 4th generation, which has a broad spectrum of antibacterial action against most gram-positive and gram-negative bacteria (*Escherichia coli*, *Enterobacter spp.*, *Staphylococcus aureus*, *Streptococcus spp.*, *Clostridium spp.*, *Actinobacillus spp.*, *Citrobacter spp.*, *Klebsiella spp.*, *Pasteurella spp.*, *Proteus spp.*, *Salmonella spp.*, *Serratia marcescens*, *Histophilus somni*, *Arcanobacterium pyogenes*, *Bacillus spp.*, *Corynebacterium spp.*, *Bacteroides spp.*, *Fusobacterium spp.*, *Prevotella spp.* and *Erysipelothrix rhusiopathiae*), particularly, upon strains producing β -lactamase. Mechanism of bactericidal effect of cefquinome consists in inhibition of synthesis of cell membrane of microorganisms.

Enrofloxacin is a broad-spectrum antibiotic of the fluoroquinolone group. The drug is effective against gram-positive and gram-negative microorganisms (*Staphylococcus spp.*, *Streptococcus spp.*, *Clostridium spp.*, *Listeria monocytogenes*, *Corynebacterium spp.*, *Pseudomonas spp.*, *E. coli*, *Haemophilus spp.*, *Salmonella spp.*, *Klebsiella spp.*, *Proteus spp.*, *Pasteurella spp.* etc.) as well as mycoplasma and chlamydia. The mechanism of action is related to inhibition of bacterial DNA-gyrase, which results in disturbance of replication of bacterial DNA.

Administration

The drug is used for treatment of clinical and subclinical mastitis in cattle during lactation caused by microorganisms sensitive to the drug components.

Dosage

Administer contents of a single syringe tube (10 ml) heated to the body temperature 3 times with intervals of 12 hours into the teat canal after thorough milking of the damaged quarter of mammary gland.

Contraindications

Administration of the drug to cows with hypersensitivity to cephalosporins and other β -lactam antibiotics, particularly – cefquinome, is prohibited. Discontinue administration and conduct symptomatic therapy in case allergic reactions are observed. Avoid increase of intervals between administrations as this may cause decreased treatment effectiveness.

Precautions

It is not recommended to use the drug with other antibacterials of bacteriostatic action.

People may consume milk in 4 days. Animal slaughter for meat is possible in 2 days following the last administration of the drug. Meat and milk obtained before the mentioned term shall be utilized or fed to non-productive animals depending on the statement of veterinary physician.

Packaging

Plastic syringe tubes of 10 ml, 20 pcs. in package.

Storage

Store in original packaging in a dry, dark place out of the reach of children at 2-30°C.

Shelf life

2 years.