TRIMICOSIN® M
Water-soluble powder for oral administration

Description
Light yellow powder.
Composition
1 g of the drug contains:
active ingredients: tilmicosin phosphate – 100 mg; enrofloxacin – 100 mg; trimethoprim – 50 mg;
excipient - glucose.
Pharmacological properties
The drug composition includes the combination of enrofloxacin, tilmicosin and trimethoprim, which has a synergistic antimicrobial effect.
Enrofloxacin is a broad-spectrum antibiotic of the fluoroquinolones group, which demonstrates activity against gram-positive and gram-negative microorganisms (*Staphylococcus spp., Streptococcus spp., Clostridium spp., Listeria monocytogenes, Corynebacterium spp., Pseudomonas aeruginosa, E. coli, Haemophilus spp., Salmonella spp., Klebsiella spp., Proteus spp., Pasteurella spp.* etc.) as well as mycoplasma (*Mycoplasma spp.*) and chlamydiae *(Chlamydia spp.).* Its mechanism of action is related to inhibition of bacterial DNA-gyrase, which results in violation of DNA replication in microorganisms.
Trimethoprim is a broad-spectrum antibacterial of the diaminopyrimidines group. It is effective against gram-positive and gram-negative microorganisms (*E. coli, Klebsiella spp., Salmonella spp., Pasteurella spp., Enterobacter spp., Proteus spp., Shigella spp., Staphylococcus spp., Streptococcus spp., Haemophilus spp., Chlamydia spp.*) as well as toxoplasma and coccidia. The mechanism of action of trimethoprim consists in inhibition of bacterial reductase of dihydrofolic acid.
Tilmicosin is a broad-spectrum antibiotic of the macrolides group, which is effective against agents of respiratory diseases (*M. gallisepticum, M. synoviae, P. multocida* and *Ornithobacterium rhinotracheale*). Tilmicosin inhibits synthesis of protein in microorganisms by way of interaction with ribosomes of bacterial cells.
Administration
Treatment of mycoplasmosis, ornithobacteriosis, colibacillosis, salmonellosis, necrotic enteritis, streptococcosis as well as other diseases of digestive tract and respiratory organs caused by enrofloxacin-, tilmicosin- and timetoprim-sensitive microorganisms in poultry (chickens and broiler chickens).
Dosage
Administer orally with drinking water in a dose of 0.5-1 kg of the drug per 1 ton of drinking water during the first 3-5 days of life. It is recommended that the treatment be repeated in 20 to 22 days in a dose of 0.5-1 kg of the drug per 1 ton of drinking water for 3 days.
Contraindications
Do not administer to poultry with hypersensitivity to the drug components. Do not administer to hens laying eggs for human consumption. Do not administer in combination with antibiotic of the tetracycline, chloramphenicol and lincomycine group.
Precautions
Do no prescribe Trimicosin® M in sub-therapeutic doses.
The medicated water must be the only source of drinking water throughout the whole treatment period!
Animal slaughter for meat is possible in 12 days following the last administration. Meat obtained before the mentioned term shall be utilized or fed to non-productive animals depending on the statement of veterinary physician.
Packaging
Bags of 1 000 g film or foil materials.
Storage
Store in a dry, dark place out of the reach of children at 5-30°C.
Shelf life
2 years.
24 hours after dissolution in water.