

BIONON[®]
Powder for oral administration

Description

Brown powder.

Composition

1 g of the drug contains:

active ingredient: nosiheptide – 5 mg;

excipient - semolina up to 1 g.

Pharmacological properties

ATCvet: QA07A. Intestinal anti-infectives.

Nosiheptide is an antibiotic of the polypeptides group. It makes bactericidal effect upon gram-positive microorganisms (*Clostridium perfringens*, *Streptococcus spp.*, *Staphylococcus spp.*) as well as upon certain gram-negative microorganisms (*Pasteurella multocida*, *Neisseria catarrhalis*). Nosiheptide makes effect upon bacterial synthesis of proteins, that is – upon 50S ribosomal subunits, and tightly binds the 23S-rRNA complex to the ribosomal protein L11. It is not absorbed from the digestive tract, therefore, it makes impact exclusively upon intestinal microflora. It inhibits growth of microorganisms producing ammonia, facilitating reduction of the ammonia level in digestive tract.

The resistance of bacteria to the active ingredient develops slowly. No resistance of *Clostridium perfringens* is observed. No cross-resistance with other antibacterial preparations is observed in microorganisms.

High concentration of nosiheptide formed in the digestive tract contributes to long-term antibacterial effect. It is not accumulated in body tissues and is eliminated from the body in unchanged form.

Administration

Prevention and treatment of diseases of digestive tract (particularly – of necrotic enteritis) caused by microorganisms sensitive to the active ingredient of the drug in poultry.

Dosage

The drug is applied by group method mixed with the feed in the following doses:

- young poultry: 500 g/t of feed throughout the growing period;
- laying hens and broiler parental stocks: 400-500 g/t of feed;
- suckling piglets, growing-fattening piglets, main sows and boars: 600-1000 g/t of feed;
- pregnant and lactating sows: 1600-2000 g/t of feed;
- calves of up to 3 months of age: 600-1000 g/t of feed;
- rabbits: 1-2 g/kg of feed throughout the growing period.

Contraindications

Do not use to treat animals with hypersensitivity to the active ingredient of the drug.

Precautions

Do not use Bionon[®] in sub-therapeutic doses.

Packaging

Multilayer paper bags of 1 and 25 kg.

Storage

Store in a dry dark place out of the reach of children at 5-30°C.

Shelf life

2 years.