

FLORFEBAC 300 (FLORFENICOL 30% w/v ORAL SOLUTION)

Florfebac 300 (Florfenicol 30% w/v Oral Solution) appears to be a light yellow clear solution.

Composition

Each ml contains
Florfenicol 300mg

Pharmacodynamics

Florfenicol is a synthetic broad-spectrum antibiotic that has activity against a wide range of Gram-positive and Gram-negative bacterial species. It acts by inhibiting bacterial protein synthesis, and is generally considered to have a bacteriostatic action.

Florfenicol is a derivative of thiamphenicol, in which the hydroxyl group has been replaced with fluorine. This makes it effective against chloramphenicol resistant, acetyl transferase producing bacteria.

Laboratory tests have confirmed the activity of florfenicol against *Actinobacillus pleuropneumoniae* and *Pasteurella multocida* in swine.

Resistance to florfenicol mainly comes from the presence of specific (e.g. florR) or multi-substance (e.g. AcrAB-TolC) efflux pumps. The genes corresponding to these mechanisms are coded on genetic elements such as plasmids, transposons or gene cassettes. Cross resistance with chloramphenicol is possible. Amphenicols select for the chloramphenicol-florfenicol resistant gene (*cfi*), conferring multiresistance phenotypes to phenicols, lincosamides, oxazolidinones, pleuromutilins, and streptogramin A in MRSA and enterococci.

Pharmacokinetics

Florfenicol is well distributed to most body tissues. The maximum concentration is reached in kidney, liver, bladder, lung and in intestines. Approximately 50% of florfenicol is excreted from the organism unchanged. The remaining part is excreted as a metabolite (mainly florfenicol amine).

Indications

Treatment of bacterial diseases susceptible to florfenicol.
Chicken: Treatment of colibacillosis associated with *Escherichia coli*.

Pigs: Treatment of pleuropneumonia, pasteurella pneumonia, streptococcus pneumonia, mycoplasma pneumonia associated with *Actinobacillus pleuropneumoniae*, *Pasteurella multocoid*, *Streptococcus suis*, *Mycoplasma hyopneumoniae*.

Dosage and Administration

CHICKEN: Dilute 0.067mL of the product (20mg of florfenicol) per kg of bodyweight in drinking water and administer orally once a day for 5 days.

PIGS: Dilute 0.033mL of the product (10mg of florfenicol) per kg of bodyweight in drinking water and administer orally once a day for 5 days.

Contraindications

Do not use in animals that have had shock or hypersensitivity reactions to this drug and oxacephem antibiotics.

Precautions

When mixing with drinking water, ensure drug is mixed homogenously to avoid medication error or inability to attain the desired therapeutic outcome.

Do not use chlorinated water during administration.

Do not use galvanised water container.

Precipitation may occur if different dilution ratios are used. Handlers should wear protective gear such as gloves, masks, and protective clothing to avoid direct skin contact or inhalation of the drug. In case of contact with skin or eyes when handling medicine, wash immediately and seek medical attention promptly upon detecting any unusual symptoms.

Interactions with Other Medicaments

No data available.

Pregnancy and Lactation

The safety of the veterinary medicinal product has not been established during pregnancy and lactation. Do not use during pregnancy and lactation. The veterinary medicinal product contains dimethylacetamide, which is considered to be a reproductive toxicant.

Side Effects

Continuous administration may cause temporary inflammation in the cloaca area of the chicken and the anal area of pigs.

Overdose and Treatment

In case of overdosing, a decrease in weight gain, water intake, peri-anal erythema and oedema and modification of some haematological and biochemical parameters indicative of dehydration may be observed.

Withdrawal Period(s)

Chicken: 2 days.

Pig: 16 days.

Laying hens: Prohibited to use.

Storage

Store below 30°C. Protect from heat and sunlight exposure.

Keep out of reach of children/ Jauhkan daripada kanak-kanak.

Any unused product or packaging should be disposed of in accordance with local legislation.

Shelf life packaged for sale: 3 years.

Shelf life after first opening: 30 days.

Shelf life after dilution: 24 hours.

Packaging Available

1 L

Product Registration Holder/Distributor

GNC Agritech Sdn Bhd

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Manufacturer

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