

TIAPREM

Premix Tiamulin

REG. SAGARPA Q-2083-092

FORMULA

Each 1000 g contains:
Hydrogenated fumarate of Tiamulin 110 g
Excipient c.b.p. 1000 g

PRESENTATIONS

25 kg.

INDICATIONS

Indicated as the antibiotic of choice for the treatment of infections caused by the most important species of mycoplasmas.

Poultry:

Prevention and treatment of chronic respiratory disease caused by *Mycoplasma gallisepticum*, infectious synovitis by *Mycoplasma synoviae* and other infections caused by microorganisms susceptible to the formula.

Swine:

Treatment of enzootic pneumonia caused by *Mycoplasma hyopneumoniae*, swine dysentery, contagious pleuropneumonia, ileitis and leptospirosis.

MECHANISM OF ACTION

Its mechanism of action is to inhibit protein synthesis, by effect at the level of the 50S ribosomal unit. It generates fewer resistances than tylosin, even in the case of mycoplasmas.

SPECTRUM:

Perhaps its most notable property is its efficacy against mycoplasmas, especially: *Mycoplasma gallisepticum*, *Mycoplasma synoviae*, *Mycoplasma meleagridis* and *Mycoplasma hyopneumoniae*, also active against *Treponema hyodysenteriae*, *Actinobacillus pleuropneumoniae*, *Streptococcus suis*, *Leptospira* species and *Escherichia coli*, as well as against others aerobic. Reduces mortality of broiler, turkeys and pigs, increases weight gain and improves the reaction of animals to respiratory diseases.

PHARMACOKINETICS:

Tiamulin is provided with the food. After its initial administration, it reaches maximum plasma values in 2 to 4 hours and 85% is absorbed. It is excreted in a slower phase, mainly by bile and by the kidneys. Given its slow excretion, antibacterial values of the drug are obtained for 24 hours. Serum concentrations have a rapid phase of increase (30 min), a short platform phase (30 to 60 min) and a slow phase of decline. It shows an enterohepatic circulation and is biotransformed in more than 20 metabolites, some of which have antibacterial activity. The elimination occurs through urine, bile and feces. Since it is a lipophilic medicine, basic, with a pKa of 7.6, it reaches different tissues with relative ease and reaches important concentrations in milk. It reaches therapeutic concentrations in respiratory tissues in mammals and air sacs in birds.



DOSE

1 kg per tonne of finished food.

ROUTE OF ADMINISTRATION:

Oral mixed with food.

WARNINGS

Do not use the meat of treated animals for human consumption for up to 5 days after treatment.

CONSULT THE VETERINARY PHYSICIAN

YOUR PURCHASE REQUIRES A MEDICAL PRESCRIPTION