

TIAPREM 50%

PREMIZCLA ANTIBIOTICS

REG. SAGARPA Q-2083-166

VETERINARY USE

FORMULA

Each kg contains:

Hydrogenated Fumarate of Tiamulin 500 g

Excipient c.b.p.1 kg



PRESENTATIONS

5 kg.

INDICATIONS

Indicated as the antibiotic of choice for the treatment of infections caused by the most important species of mycoplasmas and other infections caused by microorganisms susceptible to the formula.

Poultry:

Prevention and treatment of chronic respiratory disease caused by *Mycoplasma gallisepticum*, infectious synovitis caused by *Mycoplasma synoviae*.

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.

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:

POULTRY		
Treatment of CKD	Dosage of Tiaprem 50% / ton of feed	Dose (ppm)
Broiler	60 g / ton for 21 continuous days from the first week of life	30
Breeders (light, heavy)	400 g / ton in the first week of life 100 g / ton during 4 weeks of life Repeat every month	200 50

SWINES		
Swine enzootic pneumonia	Dosage of Tiaprem 50% / ton of feed	Dose (ppm)
Preventive	60 g / ton daily in the risk period (5 to 45 Kg of live weight)	30
Therapeutic	400 g / ton for 10 continuous days	200
Swine dysentery	Dosage of Tiaprem 50% / ton of feed	Dose (ppm)
Preventive	60 g / ton daily in the risk period (5 to 45 Kg of live weight)	30
Therapeutic	240 g / ton for 10 continuous days	120
Ileitis	Dosage of Tiaprem 50% / ton of feed	Dose (ppm)
Preventive	77 g / ton for 21 continuous days	38.5
Therapeutic	300 g / ton for 21 continuous days	150
Spirochetel diarrhea	Dosage of Tiaprem 50% / ton of feed	Dose (ppm)
Preventive	100 g/ton	50
Therapeutic	200 g/ton – 300 g/ton	100-150

ROUTE OF ADMINISTRATION

Oral mixed with food.

WARNINGS

Do not use the meat of treated animals for human consumption until 5 days after the administration of the product.

Keep in a cool and dry place.

Keep out of reach of children.

CONSULT THE VETERINARY PHYSICIAN
YOUR PURCHASE REQUIRES A MEDICAL PRESCRIPTION