

MARBOCYL BOLUS

Fluoroquinolone Antibiotic Tablets

Active Ingredient:

Marbofloxacin 33.33g/kg

Marbofloxacin is a synthetic, bactericidal antimicrobial, belonging to the fluoroquinolone group, which acts by inhibition of DNA gyrase. It is effective against a wide range of Gram positive bacteria, and Gram negative bacteria (in particular *Escherichia coli*, *Salmonella typhimurium*).

After an oral administration to pre-ruminating cattle at the recommended dose of 1mg/kg, marbofloxacin is rapidly absorbed and its bioavailability is close to 100%.

Marbofloxacin is weakly bound to plasma proteins (less than 30% in calves) and is widely distributed in the entire organism. In most tissues (liver, kidney, skin, lung, bladder, testicle, digestive tract) the tissue concentrations are higher than in plasma.

After an oral administration, marbofloxacin is eliminated in active form, predominantly in urine (73-80%) and faeces (8-10%).

Administration Method:

Oral bolus.

Indications:

In neonatal calves: Treatment of gastroenteritis caused by sensitive strains of *Escherichia Coli*.

Dosage:

1mg/kg/day (i.e. 1 tablet per calf of 50kg) in a single oral administration per day.
Treatment duration is 3 days.

The tablet can be given manually or with an appropriate applicator directly in the mouth or in the throat.

Warnings and Contra-indications:

A greenish coloration of the faeces, reversible when stopping the treatment, is sometimes observed. Tremors and apathy are occasionally observed during the treatment.

At twice the recommended dosage, a reversible and limited in time decrease in the intestinal population of *Enterobacteriaceae* can occur as well as a softening of the faeces without clinical consequences.

Legal requirements

Indiscriminate use of the product could contribute to the development of antibiotic resistance. The product should only be used in individual cases of serious infections that are not likely to respond to any other antibiotic.

The product must not be used to treat groups of food producing animals unless bacteriology has confirmed the diagnosis and sensitivities tests have shown that it is the only alternative that is likely to be effective.

The prescribing veterinarian must notify the ACVM group of every case that the antibiotic is prescribed, giving date, species prescribed for and condition treated.

Withholding period:

Animals producing meat and offal for human consumption must not be slaughtered within 6 days of the last treatment. Not for use in bobby calves.

MARBOCYL BOLUS (CONT)

Presentation:

Boluses are packaged in thermoshaped blister packs made of orange-yellow polyvinylchloride (PVC) and aluminium.

Physio-chemical properties of the Formulated product:

Flashpoint: not flammable
Oxidising properties: non-oxidising
Corrosive properties: non-corrosive
Acidity/alkalinity (pH): Neutral
Density (specific gravity): Solid

Registered pursuant to the ACVM Act 1997,
No A8207

RESTRICTED VETERINARY MEDICINE

Marbocyl Bolus
For Animal Treatment Only



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