

Vétoquinol	Nom du produit : Marbocyl 10% MY	
Créé par : Pat. Mougenot	Référence article : 444752 0615 J L	
le : 5/07/2016	Dimensions : 160 x 120 mm	
Visa :	1 couleur	
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DATE OF REVISION OF PACKAGE INSERT

June 2016

REGISTRATION NUMBER: MAL20162584HA**FOR ANIMAL TREATMENT ONLY
CONTROLLED MEDICINE - UBAT TERKAWAL****NAME AND ADDRESS OF MANUFACTURER**VETOQUINOL S.A
Magny-Vernois, 70200 Lure, France**NAME AND ADDRESS OF REGISTRATION HOLDER**AGE D'OR SDN BHD
15, Jalan 31/54, Section 31, Kota Kemuning 40460, Shah Alam,
Selangor D.E., Malaysia

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Marbocyl® 10% w/v Solution for injection
COMPOSITION
Marbofloxacin. 100.0mg
Disodium edetate 0.1mg
Thioglycerol 1.0mg
Metacresol 2.0mg
Excipient. QSP 1mL
PRODUCT DESCRIPTION

A yellow greenish/yellow brownish solution for injection in cattle and swine.

PHARMACOLOGICAL PROPERTIES**Pharmacodynamics properties:**

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 (in particular *Staphylococcus*) and Gram negative bacteria (*Escherichia coli*, *Salmonella typhimurium*, *Citrobacter freundii*, *Enterobacter cloacae*, *Serratia marcescens*, *Morganella morganii*, *Proteus spp*, *Klebsiella spp*, *Shigella spp*, *Pasteurella spp*, *Haemophilus spp*, *Moraxella spp*, *Pseudomonas spp*) as well as *Mycoplasma spp*.

Pharmacokinetic properties:

After subcutaneous or intramuscular administration in cattle and intramuscular administration in pigs at the recommended dose of 2mg/kg, marbofloxacin is readily absorbed and reaches maximal plasma concentrations of 1.5µg/ml within less than 1 hour. Its bioavailability is close to 100%. It is weakly bound to plasma proteins (less than 10% in pigs and 30% in cattle), extensively distributed and in most tissues (liver, kidney, skin, lung, bladder, uterus, digestive tract) it achieves a higher concentration than in plasma. In cattle, marbofloxacin is eliminated slowly in pre-ruminating calves (t½ β = 5-9h) but faster in ruminant cattle (t½ β = 4-7h) predominantly in the

active form in urine (3/4 in preruminating calves, 1/2 in ruminants) and faeces (1/4 in pre-ruminating calves, 1/2 in ruminants). In pigs, marbofloxacin is eliminated slowly (t½ β = 8-10h) predominantly in the active form in urine (2/3) and faeces (1/3).

INDICATIONS

In cattle: Indicated in the treatment of respiratory infections caused by susceptible strains of organisms. It is also indicated in the treatment of acute *E. coli* mastitis.

In pigs: Indicated in the treatment of Metritis Mastitis Agalactia syndrome caused by susceptible strains of organisms.

DOSAGE AND ADMINISTRATION

The recommended dosage is 2mg/kg/day (1mL/50kg) in a single daily injection by intramuscular, subcutaneous or intravenous routes in cattle and by intramuscular route in pigs.

Treatment durations are 3 days in pigs and 3 to 5 days in cattle.

In order to reduce the risk of particulate contamination of the product, it is recommended that a draw-off needle be used to reduce the number of times the septum is punctured.

CONTRAINDICATIONS

Bacterial infections with resistance to other fluoroquinolones (cross resistance). Do not administer to an animal previously found to be hypersensitive to marbofloxacin or other quinolone.

WARNINGS AND PRECAUTIONS

People with known hypersensitivity to fluoroquinolones should avoid using this product. Wash hands after use.

INTERACTIONS

None known.

PREGNANCY AND LACTATION

May be used in pregnant and lactating cows and sows.

ADVERSE EFFECTS

No severe side-effects are to be expected at doses up to 3 or 5 times the recommended dose in cattle and pigs respectively. In particular, no lesions of the articular joints are encountered.

Intramuscular or subcutaneous injections are well tolerated although transitory inflammatory lesions without clinical impact can occur at the injection site.

OVERDOSE AND TREATMENT

Overdosage may cause acute signs in the form of neurological disorders which would have to be treated symptomatically.

INCOMPATIBILITIES

None known.

WITHDRAWAL PERIODS

	MEAT	MILK
Cattle	6 days	36 hours
Pigs	4 days	

STORAGE CONDITIONS

Do not store above 25°C.

Protect from light.

Following withdrawal of the first dose, use the product within 28 days.

DOSAGE FORM AND PACKAGING AVAILABLE

Packaged in amber type II glass vials of 50mL and 100mL.

Parenteral in the form of injection, liquid.

FURTHER INFORMATION

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal products should be disposed of in accordance with local requirements. Manure and slurry containing marbofloxacin should not be spread on the same area of land in successive years.