RESTRICTED VETERINARY MEDICINE
KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL TREATMENT ONLY

vetoquinol

Tolfedine® CS
Solution for Injection

DESCRIPTION
Tolfedine CS is a sterile aqueous solution containing 4 mg/mL tolfenamic acid.

INDICATION
A non-steroidal anti-inflammatory, antipyretic and analgesic agent for cattle and pigs
For use in cattle for the control of acute inflammation associated with respiratory disease and as an adjunct in the treatment of acute mastitis.
For use in pigs as an adjunct in the treatment of Metritis Mastitis Agalactia Syndrome.

PHARMACOLOGY
Pharmacodynamic properties
Tolfenamic acid (N-(2-methyl-3-chlorophenyl) anthranilic acid) is a non-steroidal anti-inflammatory drug (NSAID) belonging to the fenamate group. Tolfenamic acid exerts anti-inflammatory, analgesic and antipyretic activities. The anti-inflammatory activity of tolfenamic acid is mainly due to an inhibition of cyclo-oxygenase and thus to a reduction of the synthesis of prostaglandins and thromboxanes, which are important inflammatory mediators.

Pharmacokinetic properties
In cattle and pigs, tolfenamic acid injected by intramuscular injection at a dose of 2 mg/kg bodyweight is rapidly absorbed from the injection site with mean maximum plasma concentrations of about 1.4 µg/mL in cattle and 2.3 µg/mL in pigs obtained at about 1 hour.

The volume of distribution is about 1.3 L/kg in cattle and pigs.
It is extensively bound to plasma albumin (>97%).
Tolfenamic acid is distributed in all the organs with a higher concentration in the plasma, digestive tract, liver, lungs and kidneys. Tolfenamic acid and its metabolites cross the placenta poorly.

Tolfenamic acid undergoes extensive enterohepatic recirculation and, as a result, prolonged concentrations are found in plasma.
The elimination half-life varies from 8-15 hours in cattle and 3-5 hours in pigs.
In cattle and pigs, tolfenamic acid is eliminated mainly unchanged in faeces (-30%) and urine (-70%).

DIRECTIONS FOR USE
Precautions
Do not administer other NSAIDS concurrently or within 24 hours of each other. Tolfenamic acid is highly bound to plasma proteins and may compete with other highly bound drugs.
Use aseptic precautions when administering the product.

Dosage and Administration
Discard unused portion within 30 days after first broaching.
Cattle: Respiratory disease: 2 mg/kg (1 mL/20 kg bw) by intramuscular injection. Treatment may be repeated once after 48 hours.
Mastitis: 4 mg/kg (1 mL/10 kg bw) as a single intravenous injection.
Pigs: 2 mg/kg (1 mL/20 kg bw) as a single intramuscular injection.

Do not exceed 20 mL per injection site. Do not exceed stated dosage and duration of treatment.

May be used during pregnancy and lactation.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels of Agriculture Compounds.

WITHHOLDING PERIOD
Animals producing meat or offal for human consumption must not be sold for slaughter either during treatment or within 14 days of last treatment.
Milk: Nil

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre on 0800 POISON (0800 764 766).

DISPOSAL
Dispose of empty container by wrapping in paper and placing in garbage.

STORAGE
Store below 25ºC (Air Conditioning). Protect from light.
Discard unused portion within 30 days after withdrawal of first dose.

PACKAGING
50 mL, 100 mL or 250 mL amber glass vial.
Not all pack sizes may be marketed.

Registered pursuant to the ACVM Act 1997, No. A007321
See www.foodsafety.govt.nz for registration conditions.

Registered to:

VETOQUINOL New Zealand Limited
Level 5, 60 Parnell Road, Parnell, Auckland 1052
Phone: 0800 32355

0919 C

Vetoquinol	*Nom du produit :* Tolfedine CS NZ	
*Créé par :*A.STIFANI	*Référence article :* 0919 C L	
le	*Dimensions :* 160x120 mm	
Visa :	1 couleur	

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