



Tiamulin Hydrogen Fumarate 10%

Chemically (14-deoxy-14 [(2-diethylaminoethyl)-mercapto-acetoxy] mutilin hydrogen fumarate) is a semisynthetic derivative of the diterpene antibiotic pleuromutilin.

Mode of Action :

Tiamulin binds with the rRNA in the peptidyl transferase slot on the ribosome and prevents the positioning of the CCA ends of tRNA for peptide transferase and hampers subsequent protein production in microbes.

INDICATIONS

Chickens:

Metaphylaxis/treatment of Chronic Respiratory Disease (CRD & CCRD) airsacculitis and nasal discharge caused by *Mycoplasma gallisepticum*.

Infectious Synovitis (Lameness & apex shell abnormalities) caused by *Mycoplasma synoviae*.

Turkeys:

Infectious Sinusitis and Airsacculitis caused by *Mycoplasma gallisepticum*, *Mycoplasma synoviae*, and *Mycoplasma meleagridis*.

Porcine :

Treatment and metaphylaxis of Enzootic Pneumonia *Mycoplasma hyopneumoniae* and *Pasteurella multocida* complications.

Pleuropneumonia caused by *Actinobacillus pleuropneumoniae*.

Porcine Proliferative Enteropathy (ileitis) caused by *Lawsonia intracellularis*.

Porcine Colonic Spirochaetosis (colitis) caused by *Brachyspira pilosicoli*

Swine Dysentery caused by *Brachyspira hyodysenteriae*

In general, Tiamulin studied invitro are highly active against *Mycoplasma* strains (*M. gallisepticum*, *M. synoviae*, *M. meleagridis*. and *M. iowae*). Spirochaetes (*Brachyspira hyodysenteriae*, *Brachyspira innocens*, *B. pilosicoli*, *B. intermedia*), gram-positive bacteria (staphylococci, streptococci, Clostridia, *Arcanobacterium* spp), less active against gram-negative bacteria (*Pasteurella*, *Klebsiella*, *Haemophilus*, *Fusobacterium*, *Campylobacter*, *Bacteroides* spp.) but all are dose-dependent.

Contraindications

GRD Mulin



Nuvem

Animal care pvt Ltd.,

Do not use in animals/birds with known hypersensitivity to the active ingredient or to any the excipients.

Do not use with nitrovin and anticoccidials like monensin, narasin, or salinomycin during or for at least seven days before or after treatment with tiamulin.

Precautions

In case of accidental contact clean the area in running water immediately. Seek medical advice if irritation persists.

When handling the product, use disposable half-mask EN 149 or a non-disposable EN 140 with a filter to EN 143.

Wash hands after use.

Accidental ingestion should be avoided. In case of accidental ingestion, seek medical advice immediately and show the package leaflet or label to the physician.

People/animals with known hypersensitivity to tiamulin should avoid contact with the product.

Composition :

Each Kg Contains

Tiamulin Hydrogen Fumarate (Coated) : 100g

Excipients : q.s.

Dosage:

Poultry 15mg to 25 mg/kg and Porcine 10mg to 15mg/kg may varies as required or suggested by veterinarian.