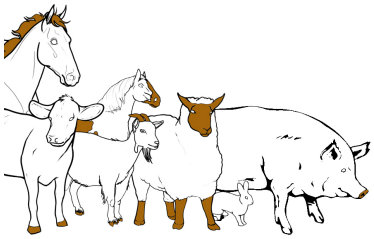


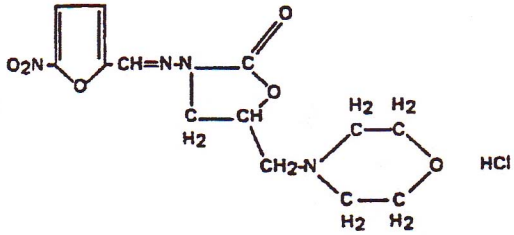
PRODUCT INFO & DATASHEET

FURALTADONE HYDROCHLORIDE

FEEDGRADE

ANTIBIOTIC & GROWTH PROMOTOR

STRUCTURAL FORMULA



CHEMICAL NAME

5-morpholinomethyl-3(5-nitrofurfurylideneamino)-2 oxazolidone hydrochloride.

EMPIRICAL FORMULA

$C_{13}H_{17}N_4O_6Cl$

MOLECULAR WEIGHT

360.75 (anhydrous) / 378.76 (monohydrate)

DESCRIPTION

Furaltadone HCl-monohydrate is a yellow, crystalline, odourless powder. The anhydrous form is a white, crystalline, odourless powder.

MOISTURE

Furaltadone may contain 1 mole of water of crystallization (4.75 %) which is rather strongly bound.

MELTING POINT

Approx. 240°C with decomposition

ASSAY

98-102 % Furaltadone HCl, calculated on anhydrous basis.

Furaltadone HCl contains approximately 85 % furaltadone base.
Furaltadone is a powerful bactericidal, outstandingly active against a wide range of gram-negative and gram-positive pathoens, such as species of Salmonella, Escherichia, Proteus, Streptococcus, Staphylococcus, etc...
Numerous scientific investigations and tield trials have demonstrated that furaltadone is highly effective for the prevention and treatment of many diseases, which commonly affect poultry, swine and cattle. Avian diseases such as salmonellosis (pullonum, fowl typhoid and paratyphoid), chronic respiratory diseases (C.R.D.), synovitis, histomoniasis (blackhead), hexamitiasis, etc., as well as enteric and respiratory infections in swine and cattle, are successfully controlled by administration of furaltadone in the feed or in the drinking water.
Furaltadone is of special value to poultry in time and conditions of stress, such as sudden changes in the feed or temperature, transfer to different housing, vaccination, hormonisation, etc. Under these conditions furaltadone protects the birds from subclinical infections and keeps them in good health.
The advantage of furaltadone compared to other nitrofuran compounds is the fact that it has a much wider spectrum of activity and a lower toxicity to animal tissue, besides being water soluble, Furaltadone salts are freely soluble and can be administered in drinking water.

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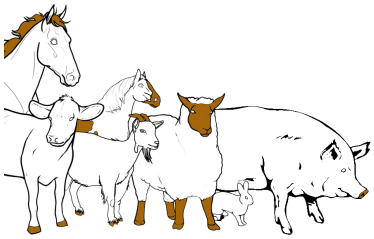
SICO FEEDS EVERY TIME THE right SOLUTION



PRODUCT INFO & DATASHEET

Poultry

Indications : Chronic Respiratory Disease (C.R.D.), coli septicemia, salmonellosis (Typhoid, Paratyphoid), Infectious synovitis, stress conditions etc.

Dosage : For prevention - 2 g for 10 liters drinking water or 0.02 % in feed.
For treatment - double the prevention dosage for 5-7 days. The following treatments are recommended:
(a) from day-old to 3 days
(b) at the age of 3 weeks, for one week's treatment
(c) at the age of 6 weeks, for one week's treatment
(d) at the age of 9 weeks, for one week's treatment

Pigs

Indications : All enteric and respiratory infections and in secondary bacterial infections in viral diseases.

Dosage : 20 to 25 mg per kilo of live weight for 5-7 days daily in drinking water or in feed.
For prevention - 1.5g for 10 liters drinking water or 0.03 % in feed.
For treatment - double the prevention dosage for 5-7 days.

Cattle

Indications : Coli Enteritis in calves, pneumonia and broncho-pneumonia.

Dosage : 20 to 25 mg per kilo of live weight for 3-7 days in milk or luke warm water.

Furaltadone, in all animals, may be combined with antibiotics. In this case the dose should be appropriately reducœd.

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