TIAMULIN HYDROGEN FUMARATE

Molecular formula: $C_{32}H_{51}NO_{8}S$
Molecular weight: 609.8
CAS registry No: 55297-96-6
Presentation: Powder
Category: Pleuromutilins; antibacterial
Application: For veterinary use only For production of pharmaceutical products
Quality: USP; Ph. Eur., Company requirements

CONTENT
Not less than 98%.

PHARMACOLOGICAL ACTION
Tiamulin is semi-synthetic derivative of Pleuromutilin, which belongs to the class of diterpenes and it possesses quite a rigid tricyclic structure. Tiamulin is extremely active against Gram-positive organisms, such as Streptococci, Staphylococci and against Mycoplasma and Brachyspira spp. Members of other 16 anaerobic species, including Bacteroides fragilis and Clostridium perfringens with no exception are sensitive to Tiamulin. The most interesting biological activity of Tiamulin of considerable veterinary importance, however, is its significant effectiveness against mycoplasmas, causing infections of the respiratory and urogenital tracts, mammary glands, joints or eyes of various poultry and livestock species, surpasses antibiotics which are considered the treatment of choice of these types of infections as Tetracycline hydrochloride and Tylosin tartrate.

In veterinary medicine Tiamulin is used for treatment, control and prevention of Swine Dysentery, Swine Pneumonia and mycoplasmal diseases in pigs and poultry.

MOST COMMONLY USED DRUG FORMS
Water-soluble powder, water-soluble granules, premix, solution for injections.

RE-TEST PERIOD
Four (4) years from manufacturing date.

STORAGE
In a dry place, protected from light.
PACKING

20 kg, 25 kg in a fiber drum.