

Ecotin-M

Powder



Manufactured by:
ELEGANCE
PHARMACEUTICALS
Chak Belli, Pandori Road, District Rawalpindi.

Ecotin-M Powder



COMPOSITION: Each 100 g contains:
Enrofloxacin HCl.....10 %

Colistin Sulphate.....3 %

Amantadine HCl.....4 %

Enrofloxacin

It has a bactericidal action, inhibits the bacterial DNA gyrase or the topoisomerase IV enzyme, thereby inhibiting DNA replication and transcription. Enrofloxacin effective against a broad spectrum of Gram positive and Gram negative bacteria, such as; Escherichia coli, Salmonella spp, pastuerella spp, Bordetella spp, Haemophilus spp and Staphylococci. Due to its broad spectrum activity, Enrofloxacin can be used in a single or mixed infections of respiratory, digestive and urinary tract.

Colistin Sulphate

Colistin belongs to polymixin group of antibacterials. It is cationic polypeptide antibiotic & have strong antibacterial activity against gram negative bacteria. It penetrates in the bacterial cell membrane, changes its permeability as a result of its interaction with the phospholipids component. It inhibits bacterial oxidative metabolism.

Amantadine

A white or almost white crystalline powder, freely soluble in water which acts as an antiviral drug. It inhibits the replication of virus by interfering the un-coating of virus inside the cell. Amantadine acts as an M2 inhibitor inside the virus & blocks the ionic channel (which spans the viral membrane) formed by the M2 protein. Virus enters its host cell by receptor mediated endocytosis.

There after acidification of endocytic vesicle is required for the dissociation of M1 protein from the ribonucleo protein complex. Only then the ribonucleoprotein particles are imported to the nucleus via the nuclear pores. The hydrogen ions needed for acidification pass through the M2 channel. Amantadine blocks this channel so viral multiplication is stopped.

INDICATIONS:

For the treatment and prevention of bacterial infections in poultry caused by organisms sensitive to Enrofloxacin, such as complex chronic respiratory disease, colibacillosis, fowl cholera and infectious coryza.

Amantadine is an antiviral agent & generally only effective prophylactically or in the early age of disease when viral replication is occurring. It interferes with early stages of influenza virus-host cell interaction either by blocking penetration of the virus through cell membrane or by inhibiting viral un-coating.

DOSAGE & ADMINISTRATION:

1 gm in 2 liters of drinking water for 3 to 5 days.

STORAGE & PRECAUTIONS:

Store in a cool and dry place & protect from heat & light.
Keep out of the reach of children.

اجزائے ترکیبی: ہر 100 گرام میں شامل ہے

ایزوفلاکساسین ہائیڈروکلورائیڈ.....10 فیصد

کولیسٹین سلفیٹ.....3 فیصد

ایمنٹاڈین ہائیڈروکلورائیڈ.....4 فیصد

خصوصیات: بیکٹیریا اور وائرس سے پھیلنے والی بیماریوں خصوصاً پیچیدہ اور سانس کی پرانی بیماریوں، مرغیوں کے دست، مرغیوں کا ہیضہ اور مرغیوں کے نزلہ و زکام کے خلاف موثر ترین دوائی ہے۔

ایمنٹاڈین وائرس کے خلاف موثر انداز میں اپنا اثر دکھاتا ہے۔

خوراک اور طریقہ استعمال: 1 گرام 2 لیٹر پینے کے پانی میں 3 سے 5 دن تک دیں۔

محفوظیت اور احتیاطی تدابیر: ٹھنڈی اور خشک جگہ پر رکھیں دھوپ اور گرمی سے بچائیں۔ بچوں کی پہنچ سے دور رکھیں۔



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