

NOAH Compendium

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Synulox Bolus 500 mg film-coated tablet

Species: Cattle

Therapeutic indication: Pharmaceuticals: Antimicrobials: Oral preparations: Tablets

Active ingredient: Amoxicillin Trihydrate, Clavulanic Acid

Product: Synulox® Bolus

Product index: Synulox Bolus

Cattle - meat: 9 days

Incorporating:

Presentation

Synulox Bolus 500 mg film-coated tablets are presented as large, pink, film-coated, bolus-shaped tablets, with a break line on one side and 'SYNULOX' engraved on the other. Each bolus contains 100 mg clavulanic acid as potassium clavulanate and 400 mg amoxicillin as Amoxicillin trihydrate.

Uses

Synulox boluses have a notably broad spectrum of bactericidal activity against bacteria commonly found in calves.

In vitro Synulox is active against a wide range of clinically important bacteria including:

Gram-positive: Staphylococci (including β -lactamase producing strains); Streptococci; Corynebacteria;

Gram-negative: *Escherichia coli* (including β -lactamase producing strains); Salmonellae (including β -lactamase producing strains); Klebsiellae; *Proteus* spp.; Pasteurellae; *Fusobacterium* spp.; *Haemophilus* spp.

The clinical indications for Synulox boluses are in the treatment of enteritis and navel ill in calves.

Dosage and administration

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Administration

By the oral route.

Dosage rate

6.25–12.5 mg/kg bodyweight twice daily, e.g. a 40 kg calf will require ½ bolus twice daily, but this may be doubled in cases of severe infection.

Treatment should be continued for up to 12 hours after the clinical signs have subsided to a maximum of 3 days of treatment.

Contra-indications, warnings, etc

Animals must not be slaughtered for human consumption for 9 days following the last treatment.

Do not use in animals with known sensitivity to the active ingredients.

In common with other penicillins, the product should not be administered orally to rabbits, guinea pigs, hamsters or gerbils.

The combination is of a low order of toxicity and is well tolerated by the oral route. Limited overdose normally produces no adverse effects.

Operator warning

Penicillins and cephalosporins may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Hypersensitivity to penicillins may lead to cross reaction to cephalosporins and vice-versa. Allergic reaction to these substances may occasionally be serious.

1 Do not handle this product if you know you are sensitised, or if you have been advised not to work with such preparations.

2 Handle this product with great care to avoid exposure, taking all recommended precautions. Wash hands after use.

3 If you develop symptoms following exposure, such as skin rash, you should seek medical advice and show the doctor this warning. Swelling of the face, lips or eyes or difficulty with breathing are more serious symptoms and may require urgent medical attention.

Pharmaceutical precautions

Do not store above 25°C. Store in a dry place.

Dispose of any unused product and empty containers in accordance with guidance from your local waste regulation authority.

Keep out of the sight and reach of children.

For animal treatment only.

Legal category

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Legal category:POM-V

Packaging quantities

Packs containing 20 and 100 boluses.

Further information

Resistance to many antibiotics is caused by beta-lactamase enzymes which destroy the antibiotic before it can act on the bacteria themselves. The clavulanate in Synulox counteracts this defence mechanism by inactivating the beta-lactamases, thus rendering the organisms sensitive to amoxicillin's rapid bactericidal effect.

Synulox is effective against *Klebsiella* infections found in veterinary practice, but it is not indicated for cases involving *Pseudomonas* species.

Marketing Authorisation Number

UK (GB):

Vm 42058/5177

UK (NI):

Vm 60021/3024

Significant changes

GTIN

GTIN description:20 x 500 mg:

GTIN:05013457076974

GTIN description:100 x 500 mg:

GTIN:05013457076981