

DOTMOX-C

Amoxicillin & Clavulanate Sodium Powder for Oral Suspension I.P. Veterinary Use Only

Description

A broad-spectrum **veterinary antibiotic formulation** combining **Amoxicillin**, a β -lactam antibiotic, with **Clavulanate Potassium**, a β -lactamase inhibitor. This synergistic combination extends the spectrum of amoxicillin against β -lactamase producing bacteria commonly causing infections in animals.

The dry syrup form is convenient for oral administration in various animals after reconstitution with clean water, ensuring accurate dosing and enhanced stability.

Composition

Each 5 ml suspension (after reconstitution) contains:

- **Amoxicillin Trihydrate Equivalent to Amoxicillin:** 228.5 mg
- **Clavulanate Potassium:** Equivalent to 28.5 mg
- **Orange Flavor:** q.s. (for improved palatability)
- **Excipients:** Suitable pharmaceutical excipients for suspension

Category

- Veterinary Oral Antibiotic
- Beta-lactam/ β -lactamase inhibitor combination
- Broad-spectrum antimicrobial agent

Indications

Effective against bacterial infections caused by susceptible organisms, including:

- Respiratory tract infections
- Urinary tract infections
- Skin and soft tissue infections
- Genital infections
- Gastrointestinal infections
- Wound infections

Route of Administration

- **Oral administration** (after reconstitution)
- Shake well before use

Dosage & Administration

- Dosage depends on species, weight, and infection severity.
- Typical dosage: 10-20 mg/kg body weight twice daily, or as prescribed by the veterinarian.
- Reconstitute powder with specified amount of clean, potable water before use.
- Use the suspension within 7-10 days after reconstitution and discard any unused portion.

Advantages

- Broad spectrum efficacy with β -lactamase inhibitor
- Convenient oral dry syrup form for accurate dosing
- Improved palatability and stability after reconstitution
- Pleasant **orange flavour** enhances compliance in animals
- Suitable for multiple animal species
- Reduced risk of resistance development compared to amoxicillin alone

Precautions

- Use only as prescribed by a veterinarian
- Complete the full course of therapy to avoid resistance
- Not for use in animals with known hypersensitivity to penicillin's or β -lactams
- Avoid concurrent use with bacteriostatic antibiotics unless advised by vet
- Store out of reach of children and pets

Storage

- Store powder in a cool, dry place below 25°C
- After reconstitution, store suspension in a refrigerator (2-8°C)
- Discard unused suspension after 7-10 days

Adverse Effects

- Rare allergic reactions (rash, swelling)
- Gastrointestinal upset (diarrhoea, vomiting) in sensitive animals
- Report any adverse reactions to the veterinarian immediately

Schedule

- Prescription Veterinary Drug
- Regulated under Veterinary Drugs Rules

Handling & Disposal

- Handle with clean, dry hands
- Dispose of unused or expired product as per veterinary waste guidelines

HS & HSN Code

- **HS Code:** 2941.10 (Antibiotics)
- **HSN Code:** 30042010 (Veterinary Antibiotic Preparations)

Frequently Asked Questions (FAQs)

Q1: What is the role of clavulanate in this formulation?

A: Clavulanate inhibits β -lactamase enzymes produced by resistant bacteria, enhancing amoxicillin's effectiveness.

Q2: Can this product be used in all animals?

A: It is generally safe for most domestic animals, but always follow veterinary advice for species-specific dosing.

Q3: How long after reconstitution is the suspension stable?

A: Typically stable for 7-10 days if refrigerated.

Q4: Can this be given with other antibiotics?

A: Avoid combining with bacteriostatic antibiotics unless directed by your vet.

Q5: Is this product safe for pregnant or lactating animals?

A: Use only under vet guidance as safety depends on species and condition.