

Lyophilized Powder for Injection *

Ceftiofur Sodium for Injection

Pharmacological Action

Penicillin, a narrow-spectrum antibiotic, mainly acts on various Gram-positive bacteria and some Gram-negative cocci. It works on Staphylococcus, Streptococcus, etc., but not on mycobacteria, mycoplasma, fungi, viruses.

Pharmacokinetics

Intramuscular procaine penicillin releases penicillin slowly via local hydrolysis, with delayed peak, lower blood levels but longer action than penicillin alone. It suits highly sensitive pathogens, not severe infections. Mixed with penicillin sodium/potassium, it rapidly raises blood levels, combining long and rapid effects; large doses may cause procaine toxicity.



Storage

Sealed, stored in a dry place.

Ingredients

Each vial contains:
Procaine Penicillin G 3 million units
Benzathine Penicillin G 1 million units

Description

White or slightly yellow sterile powder.

Good Manufacturing Practice



Indications

Primarily used for the treatment of chronic infections caused by bacteria that are sensitive to penicillin, such as pyometra, mastitis, and fractures in cattle. It is also used for infections caused by Actinomyces and Leptospira.



Dosage and Administration

Intramuscular injection. Single dose, per kilogram of body weight: Horses and cattle: 10,000 – 20,000 units
Sheep, pigs, donkeys, and calves: 20,000 – 30,000 units Dogs and cats: 30,000 – 40,000 units
Administer once daily for 2 – 3 consecutive days. Reconstitute with an appropriate amount of sterile water to form a suspension before use.

Safety And Packaging

Adverse Reactions

The primary adverse reactions are allergic reactions, which can occur in most livestock but at a low incidence rate. Local reactions manifest as edema and pain at the injection site, while systemic reactions present as urticaria and rashes. In severe cases, anaphylactic shock or death may occur. Additionally, gastrointestinal superinfection can be induced in some animals.

Precautions

This product is only for the treatment of chronic infections caused by bacteria that are highly sensitive to penicillin. This product is slightly soluble in water and will rapidly lose efficacy in the presence of acids, alkalis, or oxidizing agents. Therefore, the injection solution should be prepared and used immediately. Pay attention to interactions and incompatibilities with other drugs to avoid affecting the therapeutic effect.

Withdrawal Period

Cattle, sheep, and pigs: 28 days; milk: 72 hours.



Specifications

4 million (procaine 3 million + penicillin 1 million)

Packing

2g
Packaging specifications can be adjusted according to customer requirements.

Feel Free to Contact Us for Your Needs!

Phone/WhatsApp: +86 15321587613
E-mail: hebeijinfeng@gmail.com