Fosfomycin Disodium Salt (10 mM)

Cat. No.: PB180134

Size: 1mL

Product Description

Fosfomycin sodium is a broad-spectrum antibiotic that can penetrate the blood-brain barrier, and has antibacterial effect on Staphylococcus, Streptococcus pneumoniae, Escherichia coli, and Neisseria gonorrhoeae, etc. The mechanism of action is that fosfomycin sodium can bind to cell wall synthase and hinder the formation of cell wall.

By irreversibly inhibiting the early stages of cell wall synthesis, Fosfomycin sodium shows in vivo and in vitro activity against various bacteria, including multi-drug resistant (MDR), extensively drug resistant (XDR), and pan-drug resistant (PDR) bacteria. For drug-resistant bacterial infections, Fosfomycin can combined with other antibacterial drugs to enhance the antibacterial effect and reduce the generation of drug resistance.

Fosfomycin sodium is used for pollution control in cell culture.

General Information

Form	Liquid
Concentration	10 mM
Recommend Working Concentration	30-100 μM
Type	1mL
Solvent	Ultrapure Water
Storage Conditions	-5~-20°C. Protect from light
Transport Conditions	Ice bag
Expiration Date	12 months

Notes

1. This product is only used for scientific research or further research, not for diagnosis and treatment.
2. This product has been filtered and sterilized by 0.1 μm filter, can be used directly after melting.
3. When using this product, attention should be paid to aseptic operation to avoid contamination.
4. The product should be placed in 2-8°C thawed, shake well after use, repeated freezing and thawing is not recommended.
5. If there are precipitates after thawing, they can be vortexed and mixed evenly or blown with a pipette. After standing at room temperature for about 1 hour or at 37°C in an incubator for 20-30 minutes, observe whether the precipitates can be dissolved normally, and if they can be dissolved, it can be used normally.
6. This product is a concentrated liquid, please dilute it as needed.
7. It is recommended to use the regular at 2-8°C for preservation within one month. It needs to be frozen at -5~-20°C. when not in use for a long time, and it is not suitable for long-term storage at room temperature or 2-8°C. To avoid repeated freezing and thawing, it is recommended to store it in small quantities after subpackaging.