



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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250 µg/mL Amphotericin B Solution

Cat. No: PB180127
Size: 10mL

General Information

Product Form	Liquid
Concentration	250 µg/mL
pH	7.0-7.4
Amphotericin B	250ug/mL
Recommended working concentration	0.5-25 µg/mL
Dissolvent	10mM PBS
Antimicrobial spectrum	Fungi
Storage	-20°C, shading light
Shipping	Ice bag or dry ice
Expiration date	12 months

Background

Amphotericin B, also known as Lushanmycin, is a polyene antifungal antibiotic isolated from the culture supernatant of *Streptomyces nodosus*. Its antibacterial mechanism it can combine with ergosterol on the membrane of the fungus, resulting in cell membrane damage, the permeability is improved, the material inside the cell are leaked, which disrupts normal metabolism and plays a bacteriostatic effect. Bacteria are ineffective because they do not contain ergosterol on their cell membranes. Amphotericin B has a broad antifungal spectrum, is effective against almost all fungi, and resistant strains are rare. It exhibits bactericidal effect at high concentrations. The amphotericin B solution is unstable at room temperature, easily damaged by light, heat and acid, and has the strongest antibacterial effect at pH 6.0-7.5.

Notes

1. This product is for research use only.
2. This product is sterilized by 0.22 µ m filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the pollution.
4. This product is concentrated solution and dilute it to to the desired concentration before use.
5. It is not suitable for long time storage at room temperature or high temperature.
6. Thaw in 2 -8°C and mix fully before use. Avoid repeated freezing and thawing. It is recommended to aliquot the solution into smaller quantities for optimal storage.