

Gentamicin Sulfate Solution (50mg/mL)

Cat #: A-CSH757

Size: 10mL, 100mL

Storage: -20°C (12 months)

Product Description

Gentamicin is an aminoglycoside antibiotic with excellent heat stability. It works by binding to the L6 protein of bacterial ribosomal subunits, inhibiting bacterial protein synthesis. It is primarily used for research on various bacterial infections, especially effective against Gram-negative bacteria. Therefore, it is widely used in the preparation of culture media in the field of biological research. The product has been sterilized by filtration and is not intended for clinical diagnosis or treatment.

Usage

The working concentration of gentamicin should be determined based on specific experimental requirements, typically ranging from 0.5 to 50 µg/mL.

Notes

1. Store the solution away from light, perform aseptic operations, and prevent contamination.
2. It is recommended to aliquot the solution to minimize repeated freeze-thaw cycles and avoid contamination of the stock solution.
3. For your safety and health, please wear lab attire and disposable gloves during operation.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.