

Kanamycin sulfate from *Streptomyces kanamyceticus*

Cat. No. ANT-502

Lot. No. (See product label)

Product Name

Kanamycin sulfate from *Streptomyces kanamyceticus*

Product Overview

This product is sourced from *Streptomyces kanamyceticus*. It is suitable for cell culture; suitable for plant cell culture. CAS NO.25389-94-0. Less than 5% kanamycin B impurities exists. It is recommended for use in cell culture applications at 100µg/mL.

Description

Kanamycin sulfate is a broad spectrum aminoglycoside-antibiotic derived from *Streptomyces kanamyceticus*.

Form

Powder

Molecular Mass

582.58

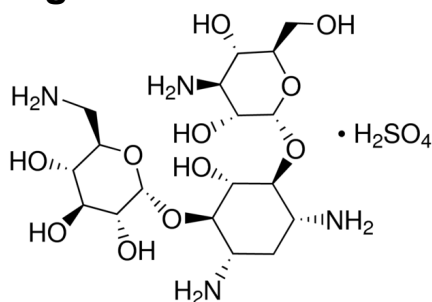
Notes

Solutions are stable at 37 centigrade for approximately 5 days. Aqueous stock solutions can be stored at 2-8 centigrade for long term storage.

Synonyms

Kanamycin A; Kanamycin sulfate salt

Figure 1



Solubility

10-50 mg soluble in 1mL of water. (As a stock solution. Stock solutions should be stored at 2-8 centigrade. Stable at 37 centigrade for 5 days.)

Molecular Formula

$\text{C}_{18}\text{H}_{36}\text{N}_4\text{O}_{11} \cdot \text{H}_2\text{O}_4\text{S}$.

Storage

Sterile solutions can be prepared by sterile filtration through a 0.2 µm filter. Solutions are stable at 37 centigrade. for approximately 5 days. Aqueous stock solutions can be stored at 2-8 centigrade. for long term storage.

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