

Kanamycin

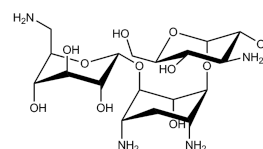
Product ID: **K378**

Product Information

Introduction

Description: Kanamycin is an aminoglycoside antibiotic derived from *Streptomyces kanamyceticus*. Kanamycin has similar modes of action to those of gentamicin in which it inhibits protein synthesis and is effective against gram-positive and gram-negative bacteria. It is also used as a selection agent for the nptII gene.

See product info sheet for more information.



Product Information

Solubility	Water
Physical Form	Solid
Storage Temp.	Room Temperature
UPC / SKU	K378
CAS NUMBER	25389-94-0
Formula Weight	582.6
Formula	C ₁₈ H ₃₆ N ₄ O ₁₁ • H ₂ SO ₄
Synonyms	O-3-Amino-3-deoxy-α-D-glucopyranosol-(1?6)-O-[6-amino-6-deoxy-α-D-glucopyranosyl-((1?4)-2-deoxy-D-Streptamine Monosulfate

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ISO Certifications: [ISO 9001:2008 \(OMS\)](#) | [ISO 10002:2014](#)