



Vancomycin hydrochloride

CAS Number: 1404-93-9

Storage Temperature: -20°C

Product Description :

Appearance: White Powder

Molecular formula: $C_{66}H_{75}Cl_2N_9O_{24} \cdot HCl$

Molecular Weight: 1485.67

Vancomycin is an amphoteric glycopeptide antibiotic produced by *Streptomyces orientalis*. It inhibits bacterial cell wall synthesis by binding to peptidoglycan. This antibiotic prevents the growth of Gram-positive bacteria.

Recommended working concentration: 3µg/ml

Preparation Instructions

This product is soluble in water (0.5mg/ml), yielding a clear solution.

Storage/Stability:

Solutions are most stable at pH 3-5 and should be stored at 2-8°C. Solutions of vancomycin should be sterilized by sterile filtration, rather than by autoclaving.

Precautions and Disclaimer :

For Laboratory Use Only. Not for drug, household or other uses.