

Vancomycin hydrochloride from *Streptomyces orientalis*

Cat. No. ANT-506

Lot. No. (See product label)

Product Name

Vancomycin hydrochloride from *Streptomyces orientalis*

Product Overview

Vancomycin hydrochloride is used to block bacterial cell wall biosynthesis at the level of peptidoglycan biosynthesis by inhibiting incorporation of terminal D-alanyl-D-alanine moieties of the NAM/NAG-peptides. This product is sourced from *Streptomyces orientalis*. It is suitable for plant cell culture. CAS NO.1404-93-9.

Description

Mode of action: Used to block bacterial cell wall biosynthesis at the level of peptidoglycan biosynthesis by inhibiting incorporation of terminal D-alanyl-D-alanine moieties of the NAM/NAG-peptides. Antimicrobial spectrum: Gram-positive bacteria.

Form

Powder

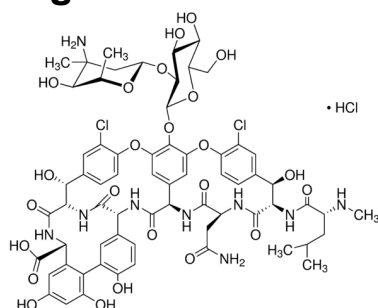
Molecular Mass

1485.71

Notes

Keep container tightly closed in a dry and well-ventilated place.

Figure 1



Solubility

50 mg soluble in 1mL of water, clear, faintly yellow to brownish-yellow.

Molecular Formula

C₆₆H₇₅Cl₂N₉O₂₄ · HCl.

Storage

Store at 2-8 centigrade.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY