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> Vancomycin HCl

cat. no.	amount	note
STS-VNC 1	1g	powder
STS-VNC 5	5g	powder

CAS No. 1404-93-9

Glycopeptide antibiotic that inhibits formation of peptidoglycan polymers of the bacterial cell wall. Differs from peni-cillins that act primarily to prevent the crosslinking of peptidoglycans. Vancomycin prevents the transfer and addition of the muramylpentapeptide building blocks that form the peptidoglycan molecule. Produces a synergism in antimicrobial activity when combined with Cefotaxime or Carbenicillin. Especially used by Agrobacterium species with a high β -Lactamase production. Potency 1099 mcg/mg. Plant cell culture tested.

Formulation

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

Molecular weight

1485,7

Solubility

Soluble in water.

Storage

Store dry at 0-5°C in airtight container. Protect from light.

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