Vancomycin Hydrochloride

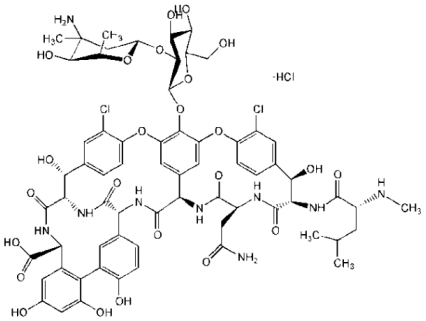
Product Information

Product Name	Cat#	Specification
Vancomycin hydrochloride	60213ES60	100 mg
	60213ES80	1 g
	60213ES90	5 g

Product Description

Vancomycin hydrochlorid, an amphoteric glycopeptide antibiotic that is effective only against Gram-positive bacteria. The mechanism of action is that it can inhibit the insertion of NAM-peptide and NAG-peptide at the end of d-alanyl alanine, affect their participation in the formation of peptidoglycan skeleton, block the normal formation of cell wall, and finally lead to the inability of bacteria to survive. Vancomycin can also change the permeability of bacterial cell membrane and interfere with RNA synthesis.
This product comes from Streptomyces orientalis, and the recommended working concentration is 3 μg/mL.

Product Properties

Synonyms	Vancomycin hydrochloride; Vancocine, Vansolin
CAS#	1404-93-9
Molecular Weight	1485.67 g/mol
Molecular Formular	$C_{66}H_{76}Cl_3N_9O_{24}$
Appearance	White powder
Potency, dry basis	≥900 μg/mg
Solubility	Dissolve in water (50 mg/mL), filter and sterilize before use.
Structure	

Shipping and Storage

The product component is shipped with ice pack and can be stored at -20℃ for 2 years.

Cautions

1) The storage solution after filtration is sub packed and stored at -20℃ to avoid repeated freezing and thawing. Autoclaving solution is not allowed.
2) The powder frozen at -20℃ should be returned to room temperature before use.
3) For your safety and health, please wear experimental clothes and disposable gloves.
4) This product is only used for scientific research and is not allowed to be used on people.