

Hello Bio, Inc.
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DATASHEET

Vancomycin hydrochloride

Product overview

Name	Vancomycin hydrochloride
Cat No	HB4581
Biological action	Antibiotic
Applications	Plant Culture
Description	Antibiotic against gram positive bacteria

Biological Data

Biological description	Antibiotic which inhibits cell wall synthesis in Gram-positive bacteria.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in water (25 mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	1485.72
Chemical structure	
Molecular Formula	$C_{66}H_{75}Cl_2N_9O_{24} \cdot HCl$
CAS Number	1404-93-9
PubChem identifier	6420023
SMILES	<chem>C[C@H]1[C@H]([C@@H](C[C@@H](O1)O[C@@H]2[C@H]([C@@H]([C@H](O[C@H]2OC3=C4C=C5C=C3OC6=C(C=C(C=C6)[C@H]([C@H](C(=O)N[C@H](C(=O)N[C@H]5C(=O)N[C@@H]7C8=C(C=C(C=C8)O)C9=C(C=C(C=C9[C@H](NC(=O)[C@H]([C@@H](C1=CC(=C(O4)C=C1)Cl)O)NC7=O)C(=O)O)O)CC(=O)N)NC(=O)[C@@H](CC(C)C)NC)O)Cl)CO)O)O)(C)N)O.Cl</chem>
InChiKey	PRBZNSSZHLUGTK-FHHNGZMLSA-N
Appearance	White to off-white