

Hello Bio, Inc.  
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## DATASHEET

### Vancomycin hydrochloride

#### Product overview

<b>Name</b>	Vancomycin hydrochloride
<b>Cat No</b>	HB4581
<b>Applications</b>	Plant Culture
<b>Description</b>	Antibiotic against gram positive bacteria

#### Biological Data

<b>Biological description</b>	Antibiotic which inhibits cell wall synthesis in Gram-positive bacteria.
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#### Solubility & Handling

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

#### Chemical Data

<b>Molecular Weight</b>	1485.72
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>66</sub> H <sub>75</sub> Cl <sub>2</sub> N <sub>9</sub> O <sub>24</sub> .HCl
<b>CAS Number</b>	1404-93-9
<b>PubChem identifier</b>	6420023
<b>SMILES</b>	<chem>C[C@H]1[C@@H]([C@@H]([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>
<b>InChiKey</b>	PRBZNSSZHLUGTK-FHHNGZMLSA-N
<b>Appearance</b>	White to off-white