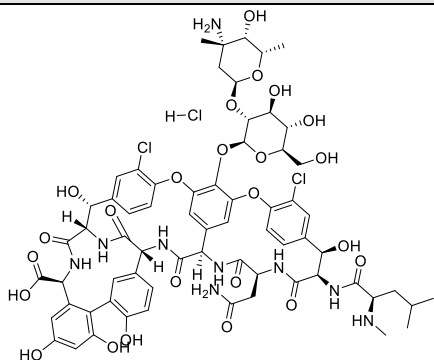


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
558307	Vancomycin HCl	C21B09B09

Chemical name	
(1S,2R,18R,19R,22S,25R,28R,40S)- 48- {[[(2S,3R,4S,5S,6R)- 3- {[[(2S,4S,5S,6S)- 4- amino- 5- hydroxy- 4,6- dimethyloxan- 2- yl]oxy}- 4,5- dihydroxy- 6- (hydroxymethyl)oxan- 2- yl]oxy}- 22- (carbamoylmethyl)- 5,15- dichloro- 2,18,32,35,37- pentahydroxy- 19- [(2R)- 4- methyl- 2- (methylamino)pentanamido]- 20,23,26,42,44- pentaexo- 7,13- dioxo- 21,24,27,41,43- pentaazaocyclo[26.14.2.23,6.214,17.18,12.129,33.010,25.034,39]pentaconta- 3,5,8(48),9,11,14,16,29(45),30,32,34,36,38,46,49- pentadecaene- 40- carboxylic acid hydrochloride	
Synonyms	
Vancomycin HCl; Vanco-saar; Vancocin; Vancocin HCl; Vancocine.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 558307 Name: Vancomycin HCl CAS#: 1404-93-9 (HCl) Lot#: C21B09B09 Chemical Formula: C ₆₆ H ₇₆ Cl ₃ N ₉ O ₂₄ Molecular Weight: 1485.723

Analysis item	Specifications / Results
Appearance	White to off white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>95.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE