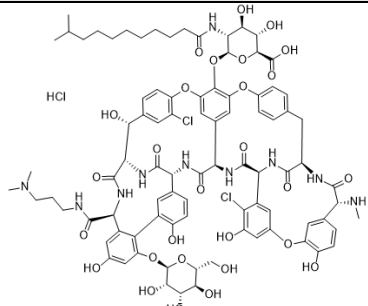


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
317136	Dalbavancin HCl	TZC51130

Chemical name	
Ristomycin A aglycone, 5,31-dichloro-38-de(methoxycarbonyl)-7-demethyl-19-deoxy-56-O-[2-deoxy-2-[(10-methyl-1-oxoundecyl)amino]-β-D-glucopyranuronosyl]-38-[[[3-(dimethylamino)propyl]amino]carbonyl]-42-O-α-D-mannopyranosyl-N15-methyl-	
Synonyms	
A-A 1; BI397; BI-397; BI 397; VER 001; VER-001; VER001; MDL63397; MDL-63397; MDL 63397; Dalbavancin. Dalbavancin B0; trade name: Dalvance in the US and Xydalba in Europe.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 317136 Name: Dalbavancin HCl CAS#: 171500-79-1 (free base) Lot#: TZC51130 Chemical Formula: C ₈₈ H ₁₀₁ Cl ₃ N ₁₀ O ₂₈ Molecular Weight: 1853.17 Dalbavancin freebase Chemical Formula: C ₈₈ H ₁₀₀ Cl ₂ N ₁₀ O ₂₈ Exact Mass: 1814.60856 ; Molecular Weight: 1816.71

Analysis item	Specifications / Results
Appearance	Off white to grey 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)	>92.0%
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
Self life	At least 5 years if properly stored.

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