## **Certificate of Analysis**

## Dalbavancin (hydrochloride)

Cat. No.: HY-17586

CAS No.: 2227366-51-8

Batch No.: 114902

Chemical Name: Ristomycin A aglycone, 5,31-dichloro-38-de(methoxycarbonyl)-7-demethyl-19-deoxy-56-O-[2-de

oxy-2-[(10-methyl-1-oxoundecyl)amino]-β-D-glucopyranuronosyl]-38-[[[3-(dimethylamino)prop

yl]amino]carbonyl]-42-O-α-D-mannopyranosyl-N15-methyl- (hydrochloride)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>88</sub>H<sub>101</sub>Cl<sub>3</sub>N<sub>10</sub>O<sub>28</sub>

Molecular Weight: 1853.15

Storage: -20°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

HO OH OH OH

## ANALYTICAL DATA

Appearance: White to light yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.50%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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