

## Dalbavancin hydrochloride

## Chemical Properties

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| CAS No. :         | 2227366-51-8                                                                     |
| 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                                                                          |
| Appearance:       | no data available                                                                |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year                         |

## Biological Description

|             |                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Dalbavancin hydrochloride (MDL-63397 hydrochloride), a semisynthetic lipoglycopeptide antibiotic, demonstrates potent bactericidal effects against Gram-positive bacteria. It effectively inhibits Staphylococcus aureus and Bacillus anthracis with minimum inhibitory concentrations (MIC 90) of 0.06 µg/mL and 0.25 µg/mL, respectively [1] [2]. |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.5396 mL | 2.6981 mL | 5.3962 mL |
| 5 mM  | 0.1079 mL | 0.5396 mL | 1.0792 mL |
| 10 mM | 0.054 mL  | 0.2698 mL | 0.5396 mL |
| 50 mM | 0.0108 mL | 0.054 mL  | 0.1079 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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