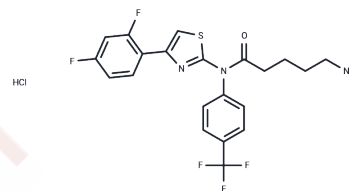


## Antibacterial agent 252 hydrochloride

### Chemical Properties

CAS No. : 2841472-37-3  
 Formula: C<sub>21</sub>H<sub>19</sub>ClF<sub>5</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 491.91  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



### Biological Description

|               |  |
|---------------|--|
| Description   | Antibacterial agent 252 hydrochloride, an amino acid derivative, exhibits antibacterial activity. It enhances the efficacy of Colistin sulfate in killing a broad spectrum of Gram-negative bacteria by targeting bacterial membranes. |
| Targets(IC50) | Antibacterial, Adrenergic Receptor, Potassium Channel  |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0329 mL | 10.1645 mL | 20.3289 mL |
| 5 mM  | 0.4066 mL | 2.0329 mL  | 4.0658 mL  |
| 10 mM | 0.2033 mL | 1.0164 mL  | 2.0329 mL  |
| 50 mM | 0.0407 mL | 0.2033 mL  | 0.4066 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**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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