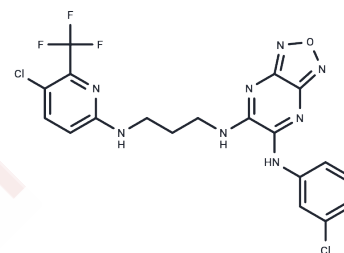


## Antibiotic adjuvant 3

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2972593-21-6  |
| Formula:          | C <sub>19</sub> H <sub>15</sub> Cl <sub>2</sub> F <sub>3</sub> N <sub>8</sub> O                                     |
| Molecular Weight: | 499.277   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Antibiotic adjuvant 3 (compound 8g) is an antibiotic adjuvant that significantly enhances the activity of polymyxins and exhibits low toxicity in mammals. It has a minimum resensitization concentration of 0.25 µg/mL against Escherichia coli AR-0493. |
| Targets(IC50) | Antibiotic  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0029 mL | 10.0144 mL | 20.0288 mL |
| 5 mM  | 0.4006 mL | 2.0029 mL  | 4.0058 mL  |
| 10 mM | 0.2003 mL | 1.0014 mL  | 2.0029 mL  |
| 50 mM | 0.0401 mL | 0.2003 mL  | 0.4006 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

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481