

## Antibacterial agent 71

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>27</sub>F<sub>3</sub>N<sub>4</sub>O

Molecular Weight: 468.51

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   | The compound demonstrates enhanced potency against wild-type (WT) strains of Escherichia coli, Acinetobacter baumannii, and Burkholderia cenocepacia, showing significant improvements of up to (>128-fold) due to increased outer-membrane permeability in hyperpermeable E. coli strains and S. Tm. |
| Targets(IC50) | Others,Antibacterial,Antibiotic   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1344 mL | 10.6721 mL | 21.3443 mL |
| 5 mM  | 0.4269 mL | 2.1344 mL  | 4.2689 mL  |
| 10 mM | 0.2134 mL | 1.0672 mL  | 2.1344 mL  |
| 50 mM | 0.0427 mL | 0.2134 mL  | 0.4269 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

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