

PK150

## Chemical Properties

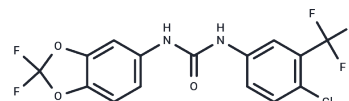
CAS No. : 2165324-62-7

Formula: C<sub>15</sub>H<sub>8</sub>ClF<sub>5</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 394.68

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------|
| Description   | PK150 shows oral bioavailability and antibacterial activity against several pathogenic strains at submicromolar concentrations. |
| Targets(IC50) | Others,Antibacterial                                                                                                            |

## Solubility Information

|            |                                                                                                                           |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 250 mg/mL (633.42 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 2.5337 mL | 12.6685 mL | 25.337 mL |
| 5 mM  | 0.5067 mL | 2.5337 mL  | 5.0674 mL |
| 10 mM | 0.2534 mL | 1.2668 mL  | 2.5337 mL |
| 50 mM | 0.0507 mL | 0.2534 mL  | 0.5067 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.

## Reference

Le P, et al. Repurposing human kinase inhibitors to create an antibiotic active against drug-resistant *Staphylococcus aureus*, persists and biofilms. Nat Chem. 2019 Dec 16.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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