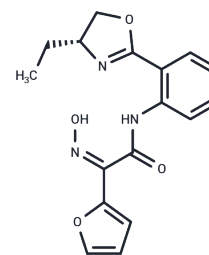


## Antifungal agent 95

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2883716-51-4  |
| Formula:          | C <sub>17</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub>   |
| Molecular Weight: | 327.33  |
| 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                | Compound CN21b (Antifungal agent 95) serves as an effective antifungal agent targeting <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> , achieving EC <sub>50</sub> s of 2.11 μM and 0.97 μM, respectively. This compound also demonstrates potent activity against resistant <i>B. cinerea</i> strains, maintaining EC <sub>50</sub> values below 10 μM [1]. |
| Targets(IC <sub>50</sub> ) | Antifungal  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.055 mL  | 15.2751 mL | 30.5502 mL |
| 5 mM  | 0.611 mL  | 3.055 mL   | 6.110 mL   |
| 10 mM | 0.3055 mL | 1.5275 mL  | 3.055 mL   |
| 50 mM | 0.0611 mL | 0.3055 mL  | 0.611 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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