

## Antifungal agent 95

## Chemical Properties

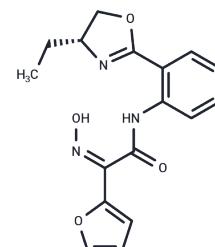
CAS No. : 2883716-51-4

Formula: C17H17N3O4

Molecular Weight: 327.33

Appearance:

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



## Biological Description

## Description

Compound CN21b (Antifungal agent 95) serves as an effective antifungal agent targeting *Sclerotinia sclerotiorum* and *Botrytis cinerea*, achieving EC50s of 2.11  $\mu$ M and 0.97  $\mu$ M, respectively. This compound also demonstrates potent activity against resistant *B. cinerea* strains, maintaining EC50 values below 10  $\mu$ M [1].

## 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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