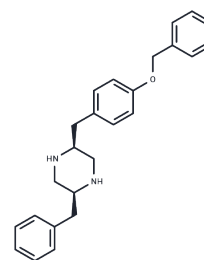


## Antifungal agent 32

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1809167-48-3  |
| Formula:          | C <sub>25</sub> H <sub>28</sub> N <sub>2</sub> O  |
| Molecular Weight: | 372.5   |
| 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   | Antifungal agent 32 (compound 1a) is a highly effective antifungal compound that strongly inhibits <i>Candida albicans</i> filamentation, biofilm formation, morphological switching, and adherence to epithelial cells, making it a valuable tool for research on <i>Candida albicans</i> infections [1]. |
| Targets(IC50) | Others,Antifungal  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.6846 mL | 13.4228 mL | 26.8456 mL |
| 5 mM  | 0.5369 mL | 2.6846 mL  | 5.3691 mL  |
| 10 mM | 0.2685 mL | 1.3423 mL  | 2.6846 mL  |
| 50 mM | 0.0537 mL | 0.2685 mL  | 0.5369 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

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