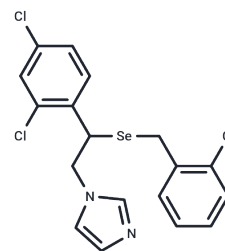


Antifungal agent 53

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2422019-76-7 |
| Formula: | C ₁₈ H ₁₅ Cl ₃ N ₂ Se |
| Molecular Weight: | 444.64 |
| 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 | Antifungal Agent 53 (A03), a potent <i>Candida albicans</i> CYP51 inhibitor, exhibits antifungal activity by preventing fungi biofilm formation and demonstrates good safety [1]. |
| Targets(IC50) | Others,Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.249 mL | 11.2451 mL | 22.4901 mL |
| 5 mM | 0.4498 mL | 2.249 mL | 4.498 mL |
| 10 mM | 0.2249 mL | 1.1245 mL | 2.249 mL |
| 50 mM | 0.045 mL | 0.2249 mL | 0.4498 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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