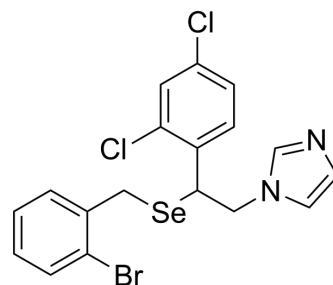


## Antifungal agent 55

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-153620   |
| CAS No.:           | 2422019-80-3  |
| Molecular Formula: | C <sub>18</sub> H <sub>15</sub> BrCl <sub>2</sub> N <sub>2</sub> Se                       |
| Molecular Weight:  | 489.1   |
| Target:            | Fungal  |
| Pathway:           | Anti-infection  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Antifungal agent 55 (compound A07) is a potent antifungal agent, against Fluconazole (HY-B0101)-resistant strains. Antifungal agent 55 is more effective than Miconazole (HY-B0454). Antifungal agent 55 inhibits *Candida albicans* strains with MIC values of 0.25-1 µg/mL<sup>[1]</sup>.

### REFERENCES

[1]. Xu H, et al. Design, synthesis, and biological evaluation of novel miconazole analogues containing selenium as potent antifungal agents. *Eur J Med Chem.* 2020 Jul 15;198:112360.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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