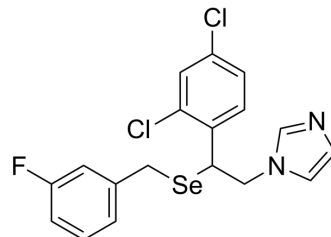


Antifungal agent 54

| | |
|--------------------|---|
| Cat. No.: | HY-153619 |
| CAS No.: | 2422019-78-9 |
| Molecular Formula: | C ₁₈ H ₁₅ Cl ₂ FN ₂ Se |
| Molecular Weight: | 428.19 |
| Target: | Fungal |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Antifungal agent 54 (compound A05) is a potent antifungal agent, against Fluconazole (HY-B0101)-resistant strains. Antifungal agent 54 is more effective than Miconazole (HY-B0454). Antifungal agent 54 inhibits *Candida albicans* strains with MIC values of 0.25-1 µg/mL^[1].

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA