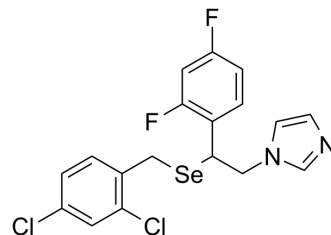


Antifungal agent 30

Cat. No.:	HY-146464
CAS No.:	2422019-91-6
Molecular Formula:	C ₁₈ H ₁₄ Cl ₂ F ₂ N ₂ Se
Molecular Weight:	446.18
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antifungal agent 30 (compound A18) is a potent antifungal agent. Antifungal agent 30 shows excellent antifungal activity against *Candida albicans* (CPCC400616) and *Aspergillus fumigatus*, with MIC of 0.03 and 0.5 µg/mL, respectively. Antifungal agent 30 also shows excellent antifungal activity against fluconazole-resistant strains. The potent antifungal activity of Antifungal agent 30 mainly causes by hydrogen and coordination bond interaction with the CYP51^[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