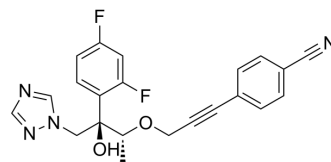


Antifungal agent 60

Cat. No.:	HY-155545
Molecular Formula:	C ₂₂ H ₁₈ F ₂ N ₄ O ₂
Molecular Weight:	408.4
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antifungal agent 60 (compound 16) is an inhibitor of ergosterol biosynthesis with broad-spectrum antifungal activity. Antifungal agent 60 inhibits 7 human pathogenic fungal species, 2 fluconazole-resistant *C. albicans* isolates and 2 multi-drug resistant *Candida auris* isolates. Antifungal agent 60 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Xie F, et al. Novel antifungal triazoles with alkynyl-methoxyl side chains: Design, synthesis, and biological activity evaluation. *Eur J Med Chem.* 2023 Sep 5;257:115506.

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