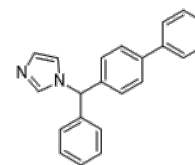


Product Name : Bifonazole
Cat. No. : PC-27949
CAS No. : 60628-96-8
Molecular Formula : C₂₂H₁₈N₂
Molecular Weight : 310.40
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

Bifonazole (Bay H-4502) is an imidazole antifungal agent that inhibits ergosterol biosynthesis via specifically targets fungal lanosterol 14 α -demethylase (CYP51A1), also is a SARS-CoV-2 blocking agent that binds ACE2 and prevents association with the RBD, affecting entry and replication of spike-pseudotyped viruses as well as native SARS-CoV-2 and its variants of concern (VOCs).

References

Barug D, et al. Arzneimittelforschung. 1983;33(4):524-8.

Taha Z, et al. Mol Ther. 2022 Sep 7;30(9):2998-3016.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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