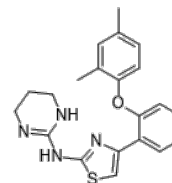


Product Name : Abafungin
Cat. No. : PC-28055
CAS No. : 129639-79-8
Molecular Formula : C₂₁H₂₂N₄OS
Molecular Weight : 378.49
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

Abafungin (BAY-W-6341) is an arylguanidine **antifungal** compound with potent antifungal activity via inhibiting **sterol-C-24 methyltransferase**. Abafungin is a potent inhibitor of ergosterol biosynthesis in *C. albicans* at 0.01-1 mg/L, inhibits specifically the transmethylation of the sterol side chain.

References

Fugmann S, et al. **Chemotherapy**. 2008;54(4):245-59.

Abouelkhair AA, et al. **Antimicrob Agents Chemother**. 2026 Sep 2;70(9):e0059826.

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

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