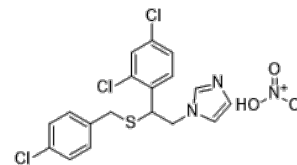


Product Name : Sulconazole mononitrate
Cat. No. : PC-27945
CAS No. : 61318-91-0
Molecular Formula : C₁₈H₁₆Cl₃N₃O₃S
Molecular Weight : 460.75
Target : Fungal
Solubility : 10 mM in DMSO



Biological Activity

Sulconazole mononitrate is an imidazole derivative broad-spectrum fungicide with activity against dermatophytes and yeasts, and some gram-positive bacteria, including *Staphylococcus aureus*, *S. epidermidis*, and *Streptococcus faecalis*, inhibits the enzyme 14 demethylase, impairing the biosynthesis of ergosterol, which is essential for fungal cell wall synthesis.

References

Fass M, et al. J Pharm Sci. 1981 Dec;70(12):1338-40.

Beggs WH. J Antimicrob Chemother. 1985 Sep;16(3):397-9.

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

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