Liranaftate

Cat. No.: HY-B0348  
CAS No.: 88678-31-3  
Molecular Formula: C₁₈H₂₀N₂O₂S  
Molecular Weight: 328.43  
Target: Fungal  
Pathway: Anti-infection  
Storage: Powder  
    -20°C 3 years  
    4°C 2 years  
In solvent  
    -80°C 6 months  
    -20°C 1 month

**SOLVENT & SOLUBILITY**

In Vitro  
DMSO: < 1 mg/mL (insoluble or slightly soluble)

**BIOLOGICAL ACTIVITY**

Description  
Liranaftate is a squalene epoxidase inhibitor with anti-fungicidal activities. Target: Antifungal. Liranaftate showed excellent fungistatic activity against the conidia of T. rubrum. For each of these agents, the MIC after 14 days of contact was 0.009 g/ml. The liranaftate-induced decrease in the MCC occurred from 9 days onwards; MCC at 14 days was 0.039 g/ml [1]. In time-kill studies, liranaftate showed the greatest decrease to a below detection limit in viable counts of T rubrum. The degree of killing of the strain by amorolfine was not greater than that seen by liranaftate, and little reduction of the viable counts by luliconazole and ketoconazole was observed irrespective of concentrations of the agents [2].

**REFERENCES**


Caution: Product has not been fully validated for medical applications. For research use only.

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