

Product Datasheet

Liranaftate (orb1308449)

Catalog Number	orb1308449
Category	Small Molecules
Description	Liranaftate is a thiocarbamate antifungal agent that acts as a squalene epoxidase inhibitor. By blocking ergosterol synthesis and causing squalene accumulation, it disrupts fungal cell membrane integrity, leading to increased permeability and cell lysis. This mechanism supports its research use in studying antifungal activity in both in vitro and in vivo models.
Target	Antifungal
Purity	98.96% (May vary between batches)
MW	328.43
Target Areas	Antifungal
Solubility (25°C)	DMSO:9 mg/mL (27.4 mM);10% DMSO+90% Corn Oil:0.5 mg/mL (1.52 mM)
CAS Number	88678-31-3
Formula	C ₁₈ H ₂₀ N ₂ O ₂ S
SMILES	COc1cccc(n1)N(C)C(=S)Oc1ccc2CCCCc2c1
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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