

Product Datasheet

Ciclopirox olamine (orb1309723)

Catalog Number	orb1309723
Category	Small Molecules
Description	Ciclopirox olamine is a synthetic antifungal agent with broad-spectrum activity, also exhibiting antibacterial and anti-inflammatory properties. It is widely used in research for studying fungal and bacterial infections in both in vitro assays and in vivo animal models.
Target	Antifungal,Antibacterial,ATPase,Ferroptosis
Purity	98.97% (May vary between batches)
MW	268.35
Target Areas	Antibacterial Antifungal ATPase Ferroptosis
Solubility (25°C)	H2O: 1 mg/mL (insoluble or slightly soluble);Ethanol:28 mg/mL (104.34 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (3.73 mM);DMSO:32.33 mg/mL (120.48 mM)
CAS Number	41621-49-2
Formula	C ₁₄ H ₂₄ N ₂ O ₃
SMILES	<chem>NCCO.Cc1cc(=O)n(O)c(c1)C1CCCCC1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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