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## Product Datasheet

### **Bifonazole, CAS [[60628-96-8]] BYT-ORB1309472**

Article Name	Bifonazole, CAS [[60628-96-8]]
Biozol Catalog Number	BYT-ORB1309472
Supplier Catalog Number	orb1309472
Alternative Catalog Number	BYT-ORB1309472-1,BYT-ORB1309472-10,BYT-ORB1309472-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Bifonazole (Bay H-4502) is an antifungal agent that inhibits fungal cytochrome P450 14alpha-demethylase (CYP51), disrupting ergosterol biosynthesis and compromising membrane integrity, leading to cell lysis. It is widely used in biochemical research ...
Molecular Weight	310.39
Purity	>99.99% (May vary between batches)
CAS Number	[60628-96-8]
Formula	C22H18N2
Target	Antibiotic,Cytochromes P450,Antifungal
Application Notes	Solubility: Ethanol:16 mg/mL (51.55 mM),H2O:< 1 mg/mL (insoluble or slightly soluble),DMSO:1.55 mg/mL (4.99 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (3.22 mM)