

Ketoconazole

Catalog No: #S0679

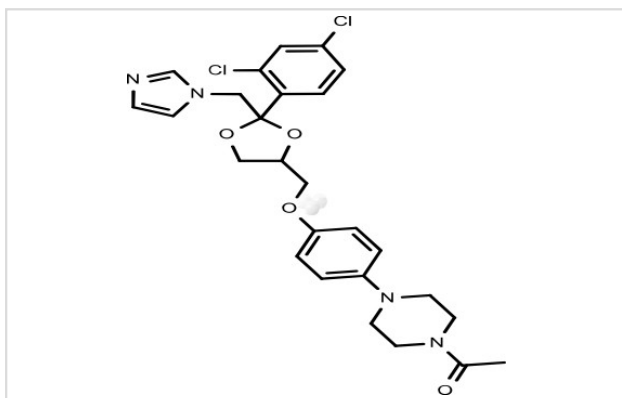
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Description

Product Name	Ketoconazole
Brief Description	Inhibitors
Purification	99.62%
Target Name	Hydroxylase inhibitor; NADPH-oxidase inhibitor; P450 inhibitor
Calculated MW	531.43
Formulation	C ₂₆ H ₂₈ Cl ₂ N ₄ O ₄
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Immunology
 SMILES: CC(=O)N1CCN(CC1)C2=CC=C(C=C2)OC[C@H]3CO[C@](O3)(CN4C=CN=C4)C5=C(C=C(C=C5)Cl)Cl
 Pathways: Immunology/Inflammation; Metabolism
 Receptor: 12-hydroxylase; 17-hydroxylase; Steroid 21-hydroxylase; Testosterone 6 beta-hydroxylase; Cyclosporine oxidase; CYP24A1; CYP3A4
 Boling pt: Melting pt: 146°C
 Solubility: Ethanol: 7 mg/mL (13.17 mM); DMSO: 3 mg/mL (5.64 mM)
 Appearance: White Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

1. Eil C. Horm Metab Res. 1992 Aug;24(8):367-70.

Note: This product is for in vitro research use only