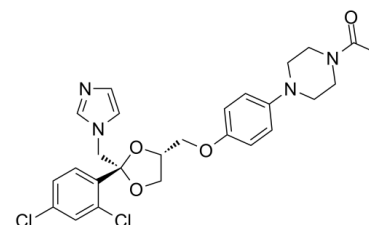


Data Sheet

Product Name:	(-)-Ketoconazole
Cat. No.:	CS-0016830
CAS No.:	142128-57-2
Molecular Formula:	C ₂₆ H ₂₈ Cl ₂ N ₄ O ₄
Molecular Weight:	531.43
Target:	Fungal
Pathway:	Anti-infection
Solubility:	DMSO : 33.33 mg/mL (62.72 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

(-)-Ketoconazole ((-)-R 41400) is one of the enantiomer of Ketoconazole. Ketoconazole is a racemic mixture of two enantiomers, levoketoconazole ((2S,4R)-(-)-ketoconazole) and dextroketoconazole ((2R,4S)-(+)-ketoconazole).

CAIndexNames:

Ethanone, 1-[4-[4-[[[(2S,4R)-2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]-

SMILES:

CC(N1CCN(C2=CC=C(OC[C@H]3O[C@](CN4C=CN=C4)(C5=CC=C(C1)C=C5Cl)OC3)C=C2)CC1)=O

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

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