

Item Number	K1149
Item	Ketoconazole, USP
CAS Number	65277-42-1
Molecular Formula	C ₂₆ H ₂₈ Cl ₂ N ₄ O ₄
Molecular Weight	531.43
MDL Number	
Synonyms	(±)-cis-1-Acetyl-4-{4-[2-(2,4-dichlorophenyl)-2-imidazol-1-ylmethyl-1,3-dioxolan-4-ylmethoxy]phenyl}piperazine

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS)	98.0	102.0 %
SPECIFIC ROTATION [α] _D	-1° to +1°	
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.1 %
ELEMENTAL IMPURITIES	AS REPORTED	
ORGANIC IMPURITIES:		
ANY INDIVIDUAL UNSPECIFIED IMPURITY		0.10 %
TOTAL IMPURITIES		2.0 %
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
MANUFACTURE DATE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

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