

Certificate of Analysis

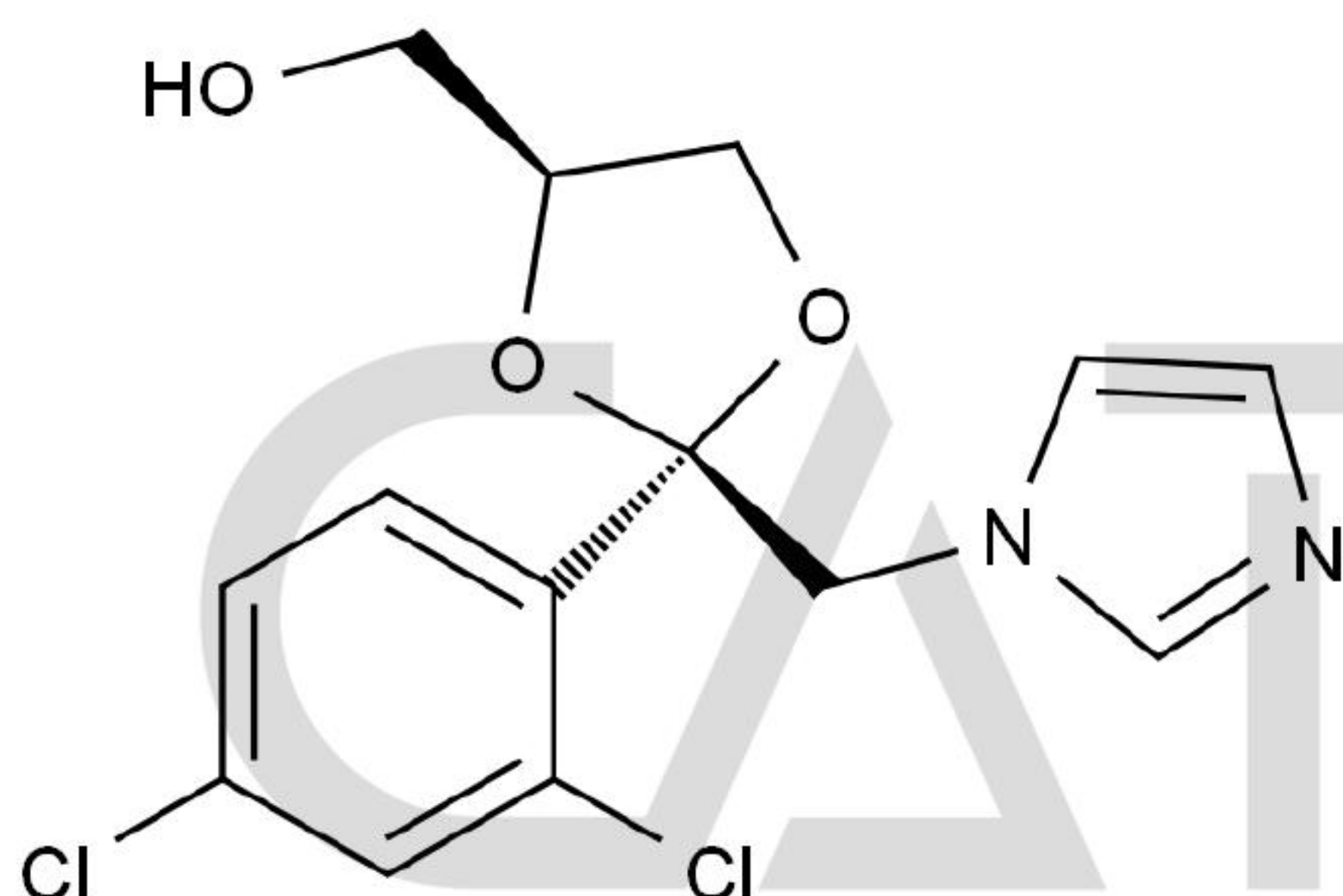
Reference Material & Standard

Product Name:	Ketoconazole Impurity N15	Catalogue Number:	CP120841
Synonyms:	N/A	Lot Number:	1110-RG-0102
CAS Number:	170210-42-1	Expiry Date:	Nov 10, 2029
Molecular Formula:	C ₁₄ H ₁₄ Cl ₂ N ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	329.18	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.388%
Loss On Drying	TGA	0.2177%
Assay		98.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Nov 17, 2025

Date: Nov 18, 2025

Date: Nov 18, 2025



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