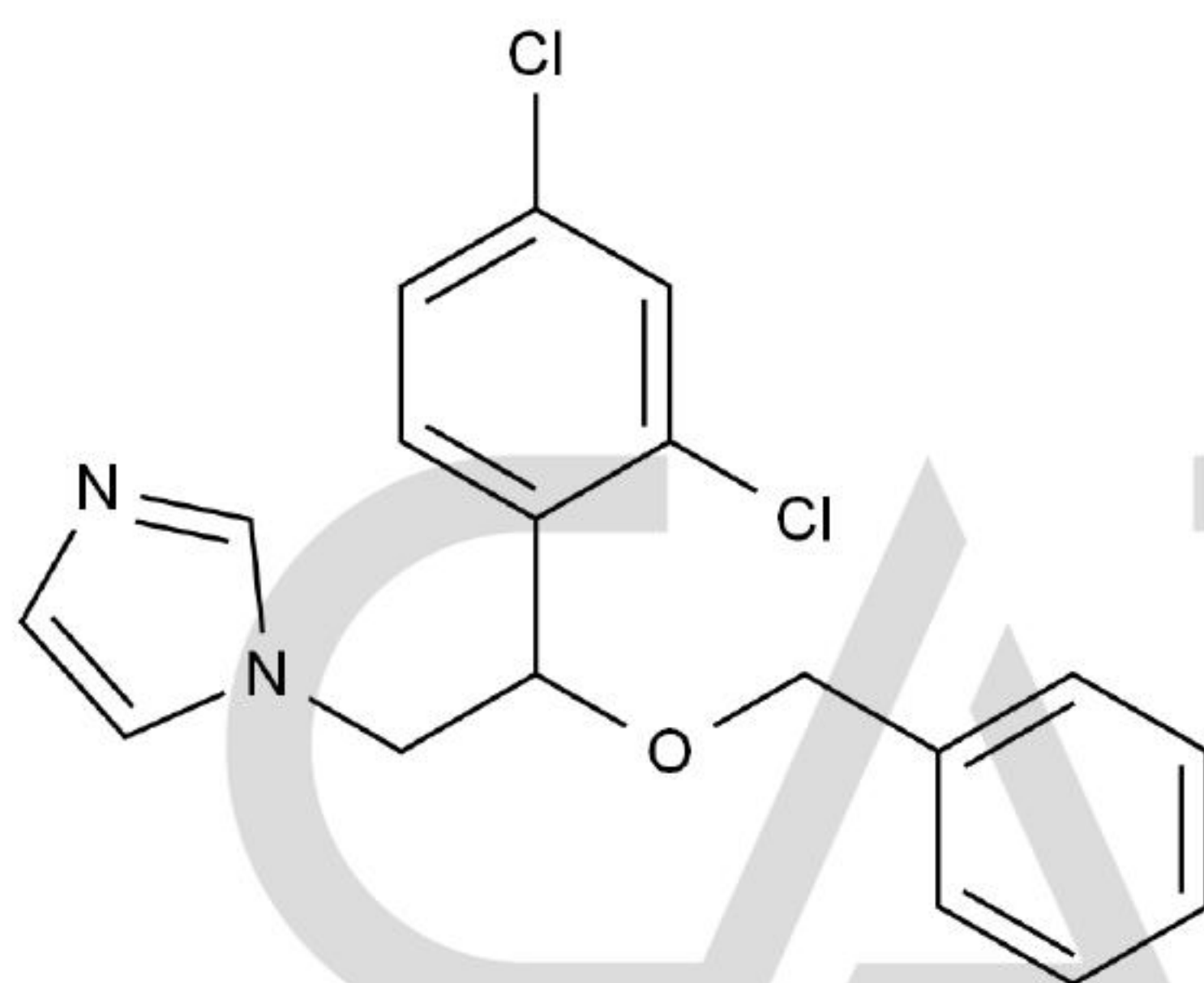


Certificate of Analysis

Reference Material & Standard

Product Name:	Miconazole EP Impurity H	Catalogue Number:	C4X-18027
Synonyms:	1-[2-(benzyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole	Lot Number:	0313-RH-0055
CAS Number:	181931-30-6	Expiry Date:	Mar 31, 2030
Molecular Formula:	C ₁₈ H ₁₆ Cl ₂ N ₂ O	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	347.24	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Oil
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	98.034%
Residue on Ignition	TGA	0.2779%
Loss on Drying	TGA	0.8457%
Assay	qNMR	96.9%
Assay	Mass Balance	96.9%

Comment:

- The retest date of this product is Mar 31, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Apr 29, 2026

Date: Apr 29, 2026

Date: Apr 29, 2026



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