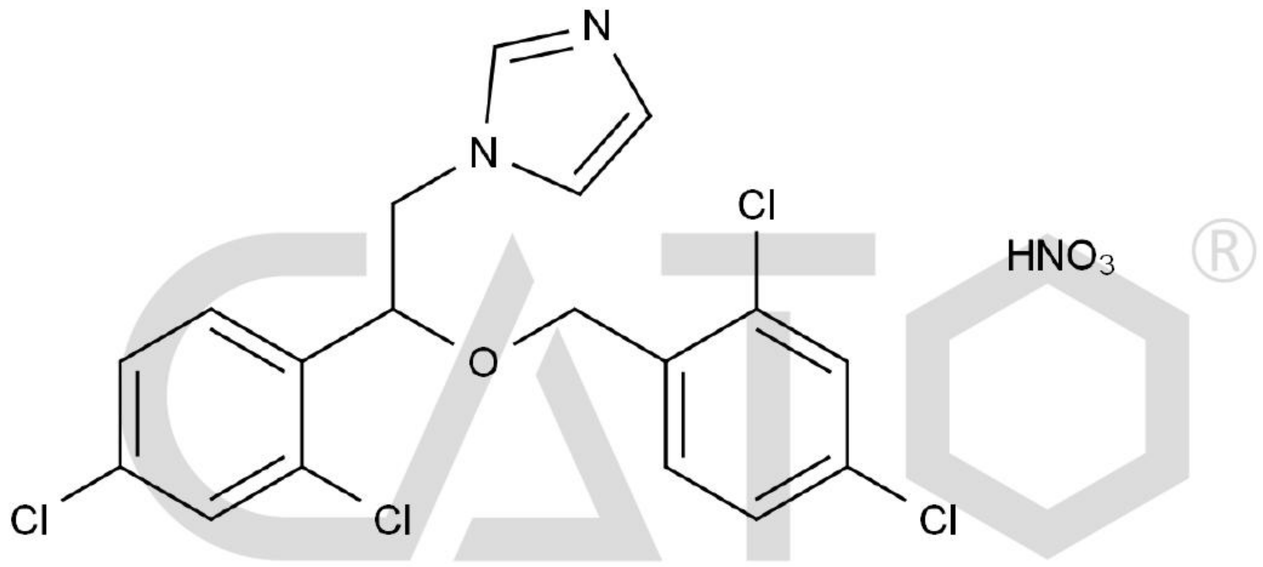
Certificate of Analysis

Reference Material & Standard

Product Name:	Isoconazole nitrate EP Impurity C	**Catalogue Number:**	C4X-14693
Synonyms:	N/A	**Lot Number:**	0819-RH-0065
CAS Number:	22832-87-7	**Expiry Date:**	Aug 23, 2030
Molecular Formula:	$C_{18}H_{14}Cl_4N_2O\ HNO_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	416.13 63.01	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.844%
Residue on Ignition	TGA	0.1994%
Loss on Drying	TGA	0.0096%
Assay		99.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * 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: Alice — Date: Aug 24, 2026

Reviewed by: Koi — Date: Aug 24, 2026

Approved by General Manager: David — Date: Aug 24, 2026

CATO Research Chemicals Inc.