CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

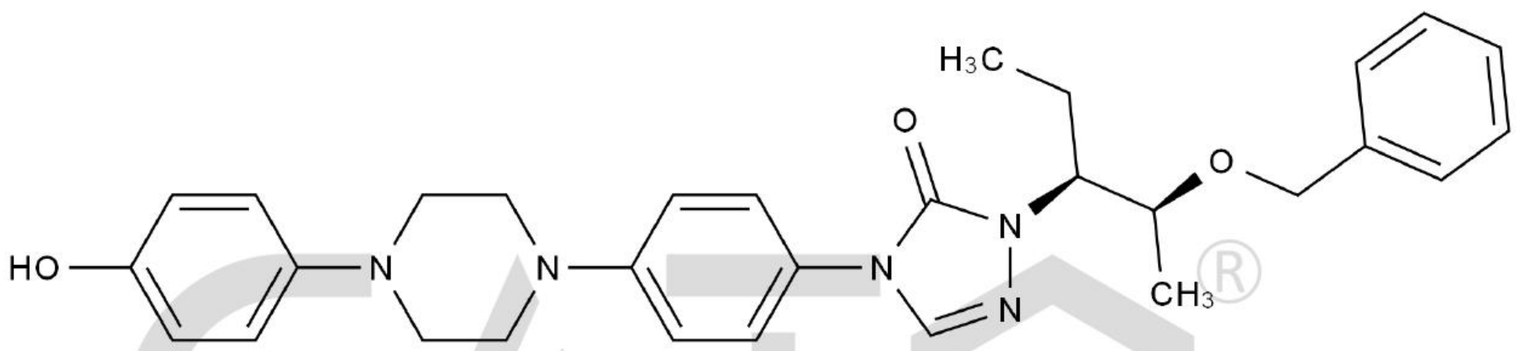
No.: 202604020001

Certificate of Analysis

Reference Material & Standard

Product Name:	Posaconazole Impurity 4	**Catalogue Number:**	C4X-12084
Synonyms:	N/A	**Lot Number:**	1105-RB-0025
CAS Number:	184177-83-1	**Expiry Date:**	Mar 05, 2028
Molecular Formula:	$C_{30}H_{35}N_5O_3$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	513.63	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Grey Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.344%
Loss on Drying	TGA	0.0102%
Assay		99.3%

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:

Prepared by: Alice Date: Apr 03, 2026

Reviewed by: Koi Date: Apr 03, 2026

Approved by General Manager: David Date: Apr 03, 2026

CATO Research Chemicals Inc.

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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