

Certificate of Analysis

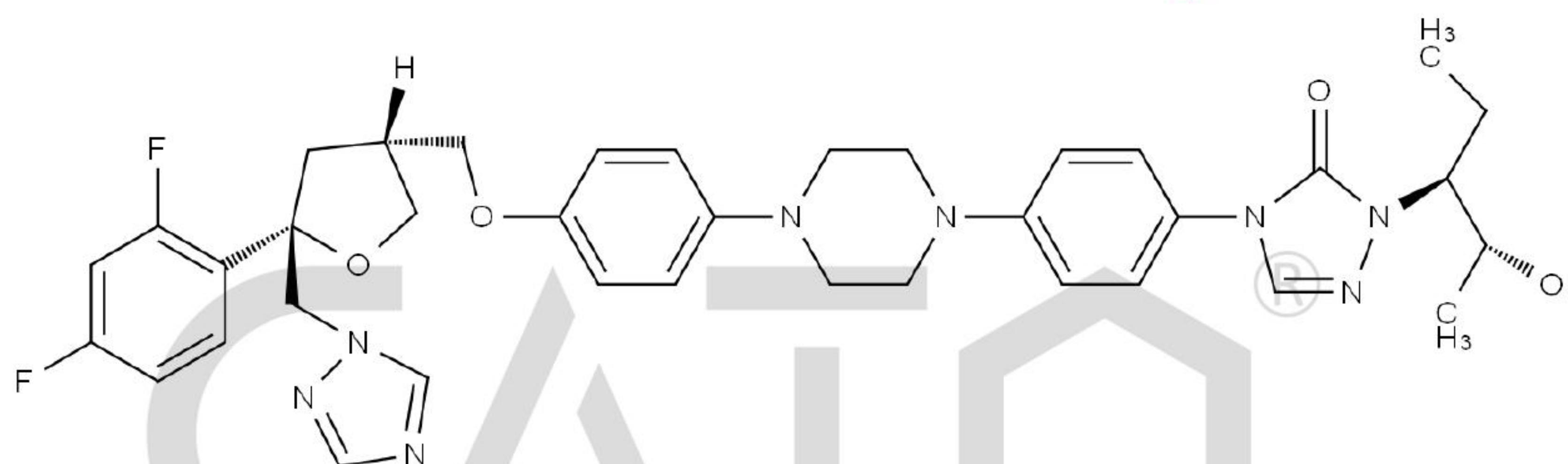
Reference Material & Standard

Product Name:	Posaconazole Impurity 20(R,S,R,S)	Catalogue Number:	C4X-120820
Synonyms:	N/A	Lot Number:	0228-RH-0132
CAS Number:	1229428-91-4	Expiry Date:	Nov 11, 2029
Molecular Formula:	C ₃₇ H ₄₂ F ₂ N ₈ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	700.78	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.219 %
Water Content	Karl Fischer	0.40%
Residual Solvents	NMR	Not detected in NMR
Assay		97.8%

Comment:

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

$Assay (\%) = (100\% - Water\ Content - Residual\ Solvents) * Purity\ HPLC (\%) / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Mar 03, 2026

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