

Certificate of Analysis

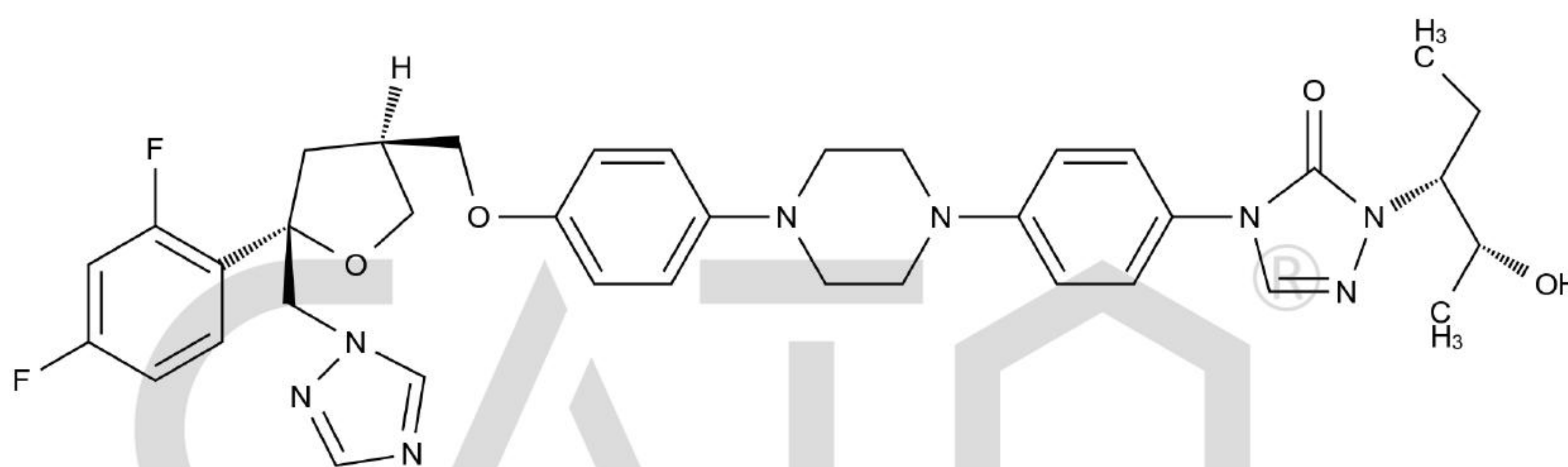
Reference Material & Standard

Product Name:	Posaconazole Impurity 12(S,S,R,R)	Catalogue Number:	C4X-120812
Synonyms:	N/A	Lot Number:	0705-RH-0048
CAS Number:	2243785-97-7	Expiry Date:	Jul 02, 2030
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&IR&UV&HNMR	Confirmed
Purity	HPLC	97.027%
Water Content	Karl Fischer	4.67%
Residual Solvents	NMR	2.05% dimethyl formamide
Assay		90.5%

Comment:

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

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

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: Jul 07, 2026

Date: Jul 08, 2026

Date: Jul 08, 2026



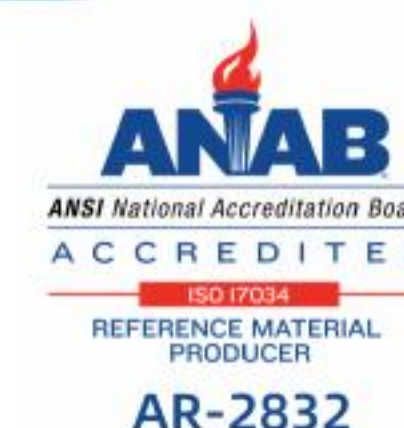
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