

Certificate of Analysis

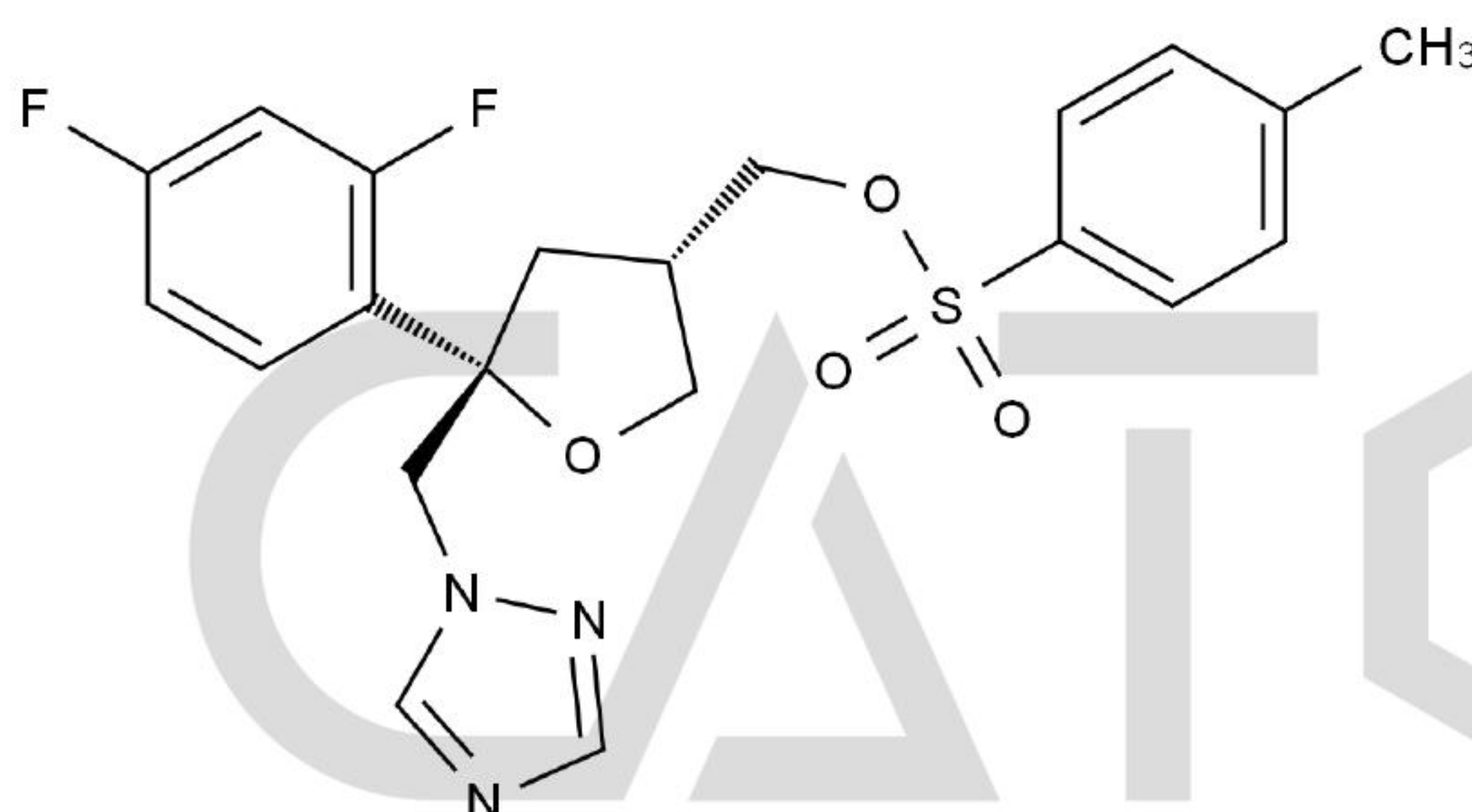
Reference Material & Standard

Product Name:	Posaconazole Impurity 7	Catalogue Number:	C4X-12087
Synonyms:	N/A	Lot Number:	1123-RG-0030
CAS Number:	166583-12-6	Expiry Date:	Jul 28, 2028
Molecular Formula:	C ₂₁ H ₂₁ F ₂ N ₃ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	449.47	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.852%
Water Content	Karl Fischer	1.29%
Residual Solvents	NMR	0.12% acetonitrile
Assay		98.4%

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:

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Approved by General Manager:

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Date: Nov 24, 2025

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