

Certificate of Analysis

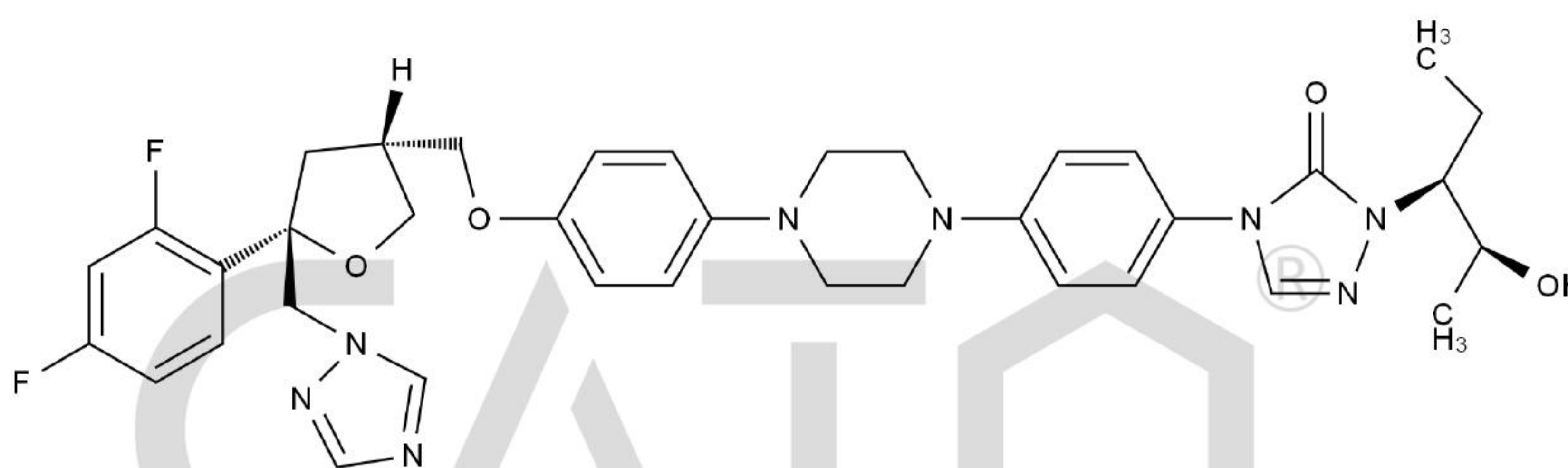
Reference Material & Standard

Product Name:	Posaconazole Impurity 54(R,S,S,S)	Catalogue Number:	C4X-120854
Synonyms:	N/A	Lot Number:	1212-RE-0031
CAS Number:	2243785-96-6	Expiry Date:	May 24, 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	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.808%
Loss on Drying	TGA	0.0675%
Assay		99.7%

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:

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Approved by General Manager:

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Date: May 25, 2026

Date: May 26, 2026

Date: May 26, 2026



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