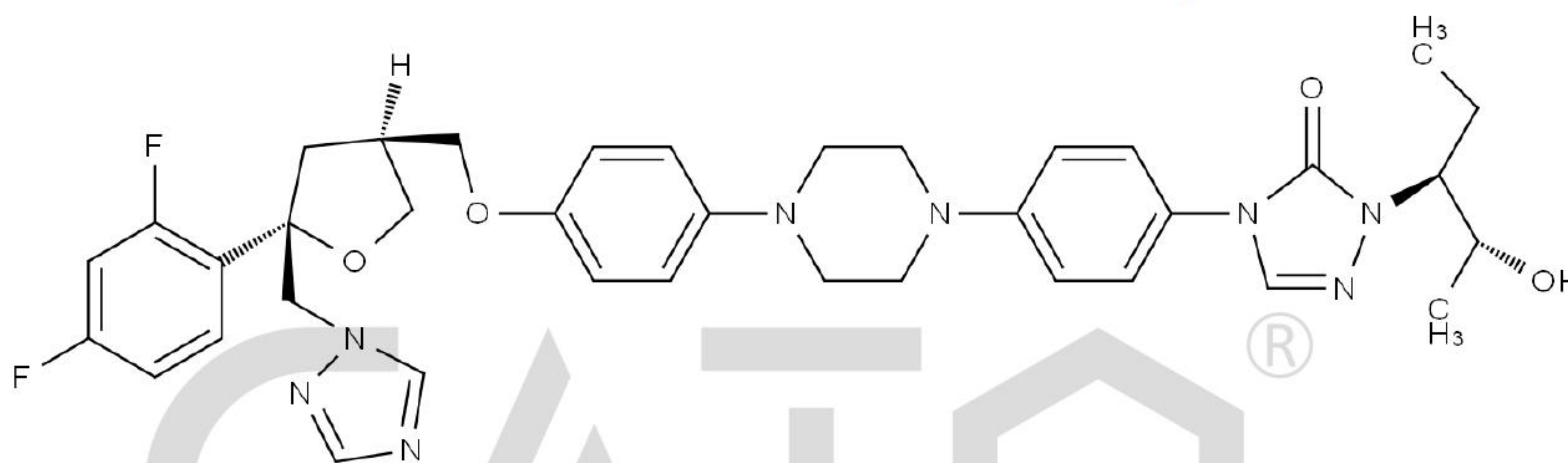


Certificate of Analysis

Reference Material & Standard

Product Name:	Posaconazole Impurity 19(S,S,R,S)	Catalogue Number:	C4X-120819
Synonyms:	N/A	Lot Number:	0527-RF-0039
CAS Number:	2243785-99-9	Expiry Date:	Oct 25, 2026
Molecular Formula:	C37H42F2N8O4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	700.78	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.917%
Water Content	Karl Fischer	0.64%
Residual Solvents	NMR	Not detected in NMR
Assay		99.3%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 28, 2024

Date: May 28, 2024

Date: May 28, 2024

