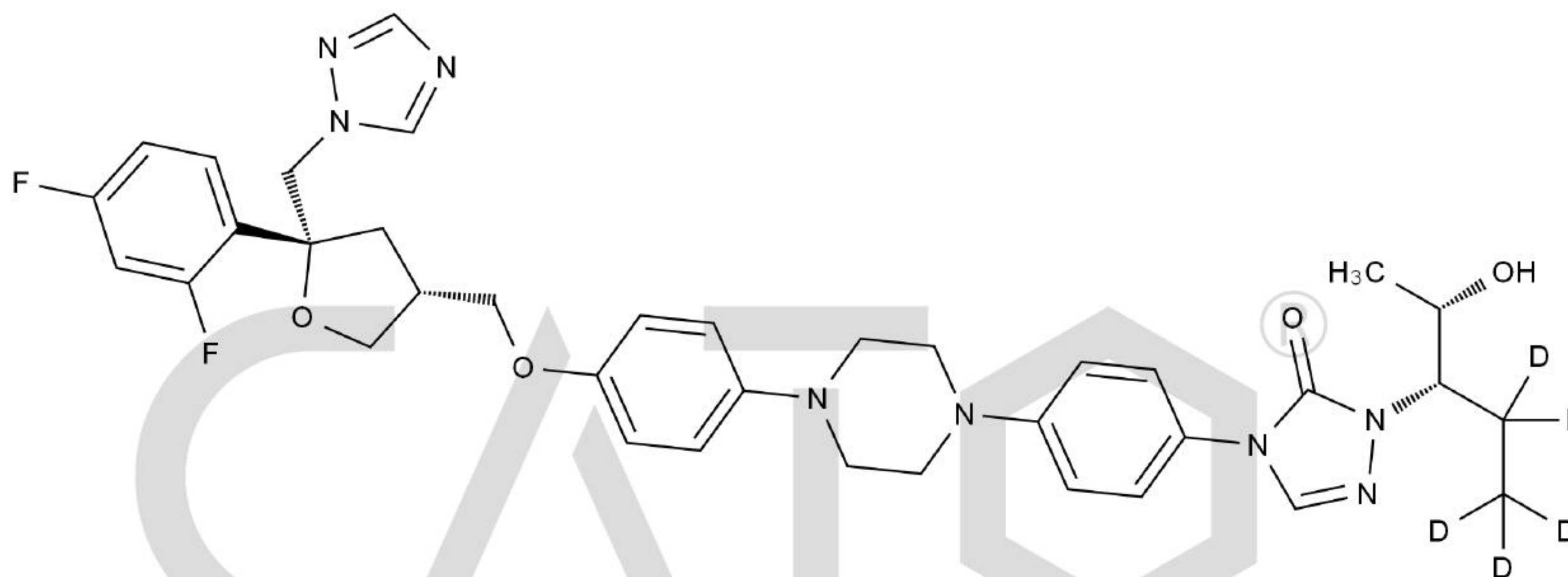


Certificate of Analysis

Reference Material & Standard

Product Name:	Posaconazole-d5	Catalogue Number:	C4X-1208107
Synonyms:	N/A	Lot Number:	1014-RC-0017
CAS Number:	171228-49-2 (unlabelled)	Expiry Date:	Mar 12, 2024
Molecular Formula:	C ₃₇ H ₃₇ D ₅ F ₂ N ₈ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	705.81		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.6%
Isotopic Purity		99.5%
Residual Solvents	NMR	Not detected in NMR
Specific Rotation		[α] _D 20.0(c=0.32,CH ₃ OH)/-27.3°
Assay	qNMR	96.4%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Debia

Reviewed by:

Cady

Approved by General Manager:

David

Date: Oct 14, 2021

Date: Oct 14, 2021

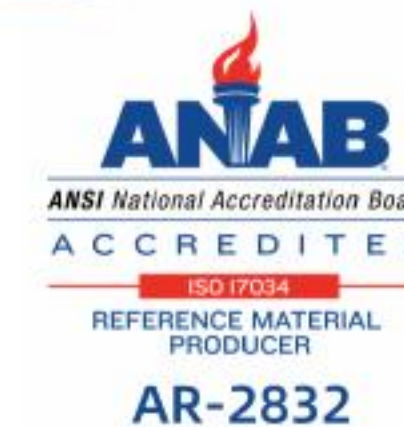
Date: Oct 14, 2021

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