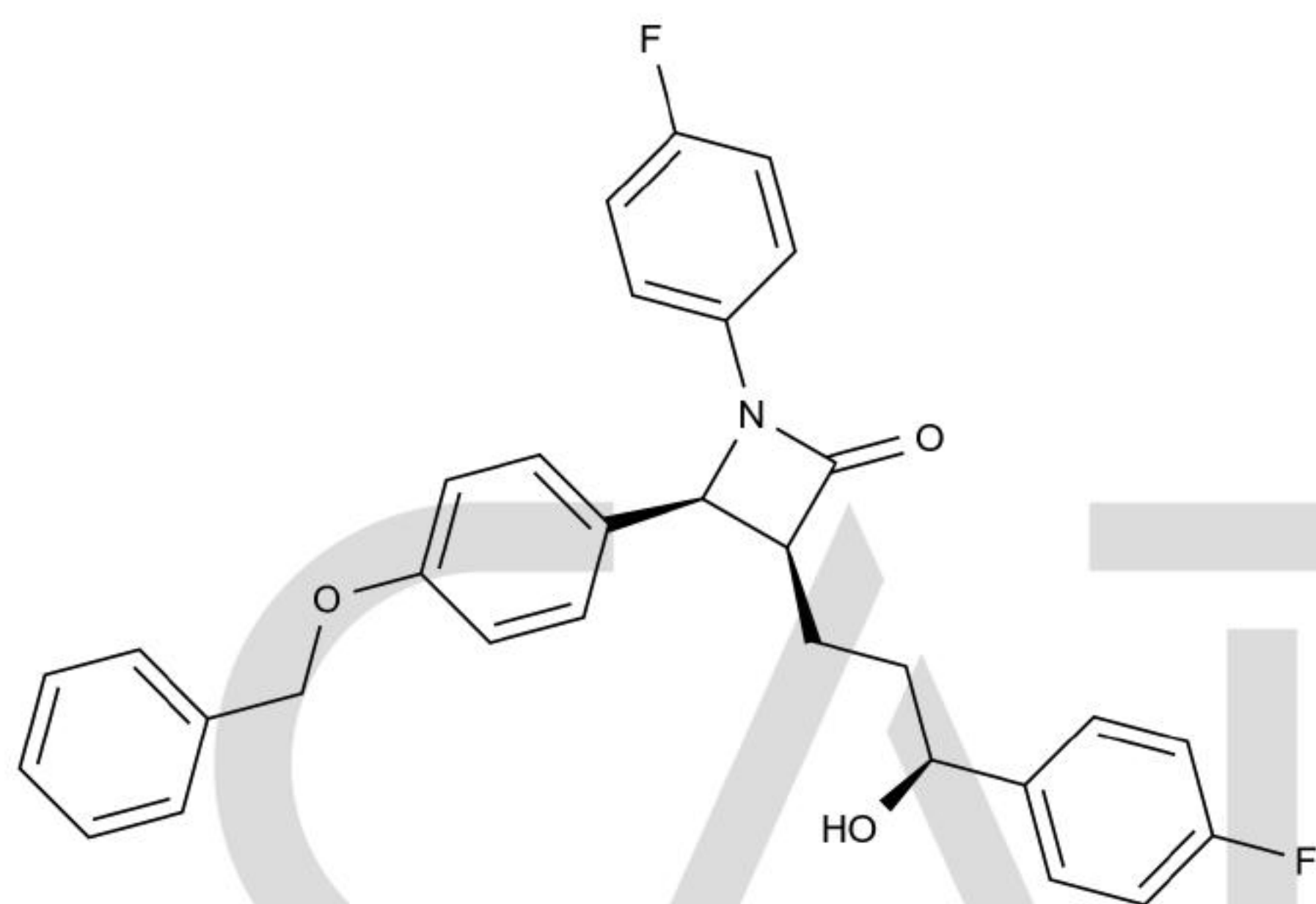


Certificate of Analysis

Reference Material & Standard

Product Name:	Ezetimibe Impurity 79	Catalogue Number:	C1364222
Synonyms:	N/A	Lot Number:	0523-RF-0004
CAS Number:	1683564-73-9	Expiry Date:	Mar 14, 2027
Molecular Formula:	C31H27F2NO3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	499.55	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.9877%
Water Content	Karl Fischer	0.10%
Residual Solvents	NMR	1.0% n-hexane
Optical Rotation		[α] _D ^{25.0} (c=0.61, CHCl ₃): -90.2°
Assay		98.9%

Comment:

The calculation of the 100% 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:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 27, 2024

Date: May 28, 2024

Date: May 28, 2024

