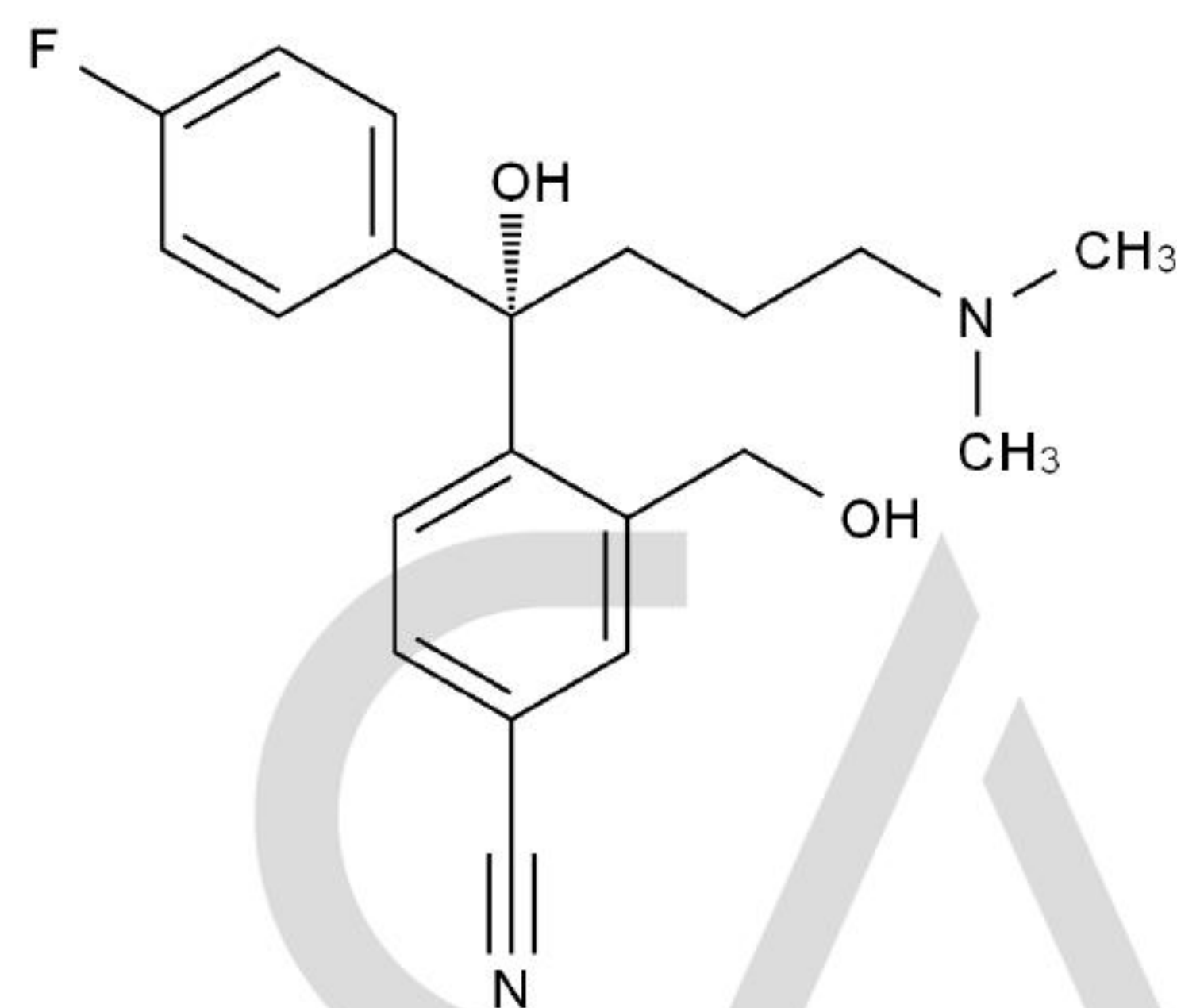


Certificate of Analysis

Reference Material & Standard

Product Name:	Citalopram Impurity 15	Catalogue Number:	C4X-110915
Synonyms:	N/A	Lot Number:	0917-RH-0054
CAS Number:	488787-59-3	Expiry Date:	Nov 20, 2029
Molecular Formula:	C ₂₀ H ₂₃ FN ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	342.41	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8547%
Loss on Drying	TGA	1.777%
Specific Rotation		[α] _D ^{25.0} (C=1.04, CHCl ₃): -116.15°
Assay		98.1%

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:

Prepared by:

Reviewed by:

Approved by General Manager:



Date: Sep 20, 2026

Date: Sep 20, 2026

Date: Sep 20, 2026

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