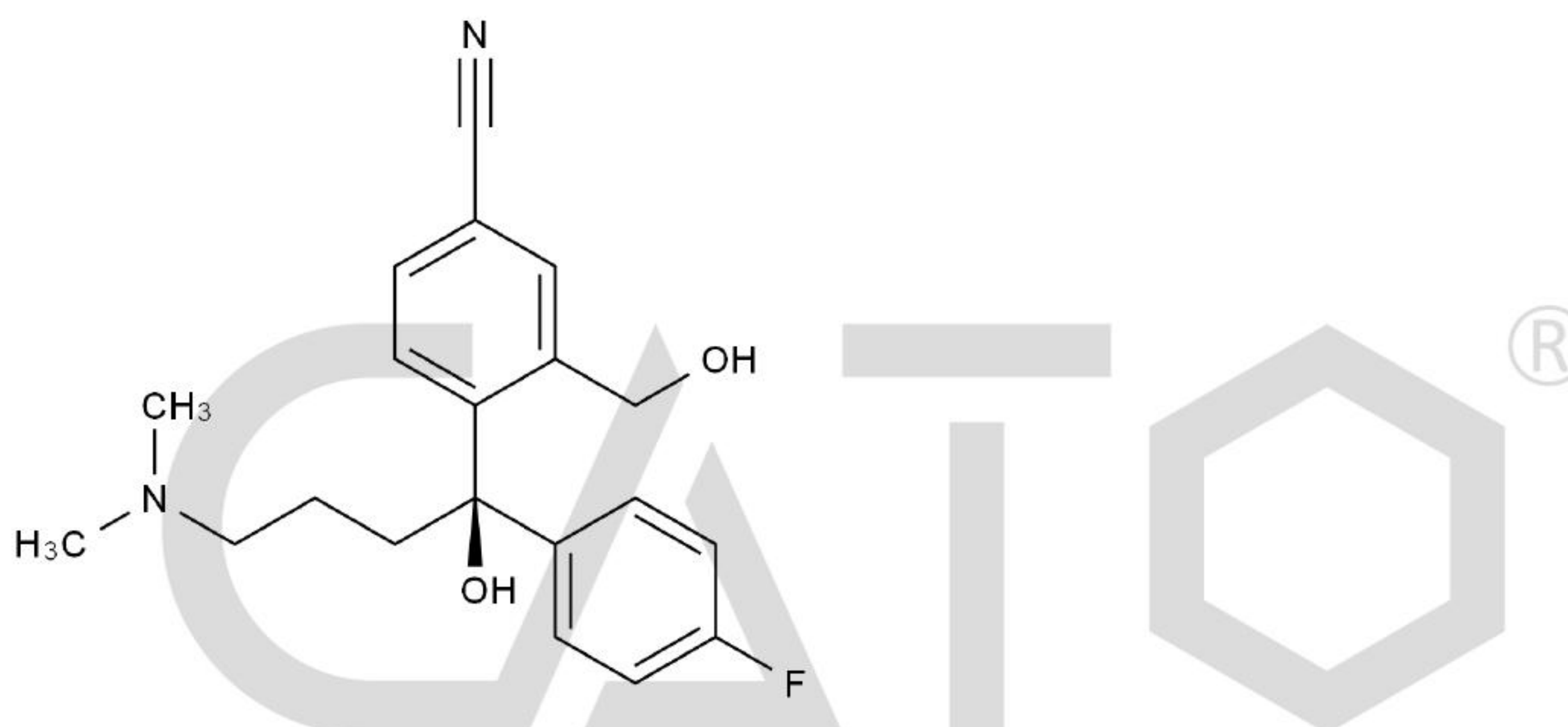


Certificate of Analysis

Reference Material & Standard

Product Name:	Citalopram Impurity 68	Catalogue Number:	C4X-110968
Synonyms:	N/A	Lot Number:	1125-RG-0010
CAS Number:	481047-48-7	Expiry Date:	Nov 25, 2029
Molecular Formula:	C ₂₀ H ₂₃ FN ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	342.41	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.7304%
Loss On Drying	TGA	1.679%
Optical Rotation		[α] _D ^{25.0} (c=1.03, CHCl ₃): +106.41°
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:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 26, 2025

Date: Nov 26, 2025

Date: Nov 26, 2025



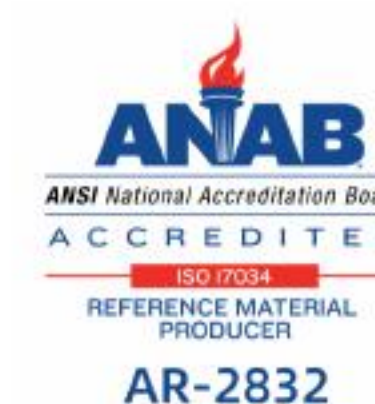
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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