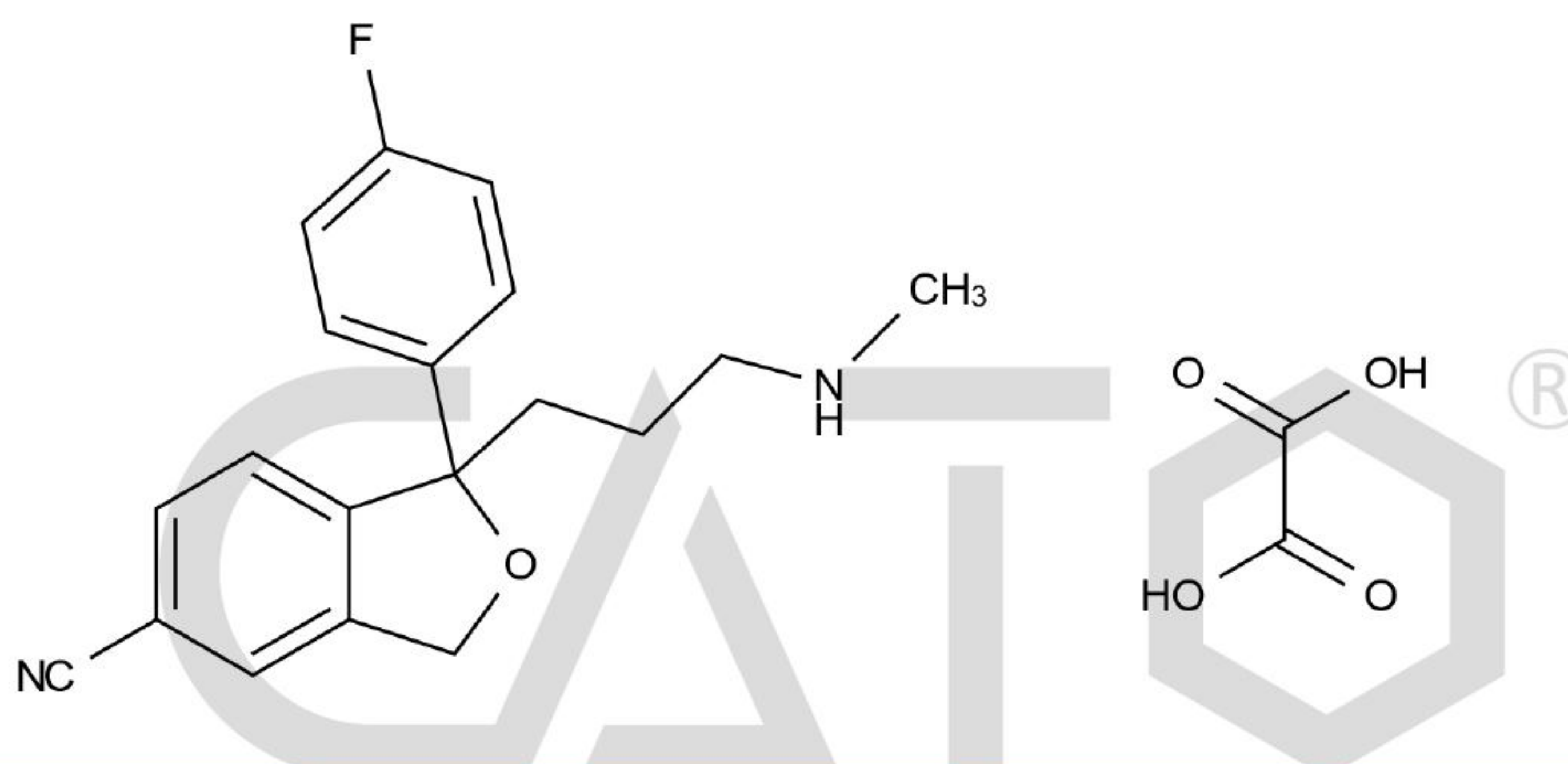


Certificate of Analysis

Reference Material & Standard

Product Name:	Citalopram impurity 81	Catalogue Number:	C4X-110981
Synonyms:	N/A	Lot Number:	0612-RH-0013
CAS Number:	62498-68-4	Expiry Date:	Jul 10, 2029
Molecular Formula:	C ₁₉ H ₁₉ FN ₂ O C ₂ H ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	310.37 90.03	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.333%
Water Content	Karl Fischer	1.06%
Residual Solvents	NMR	0.09% acetone
Assay		97.2%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Jun 15, 2026

Date: Jun 15, 2026

Date: Jun 15, 2026



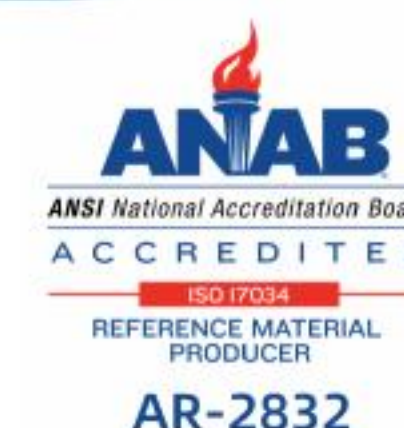
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