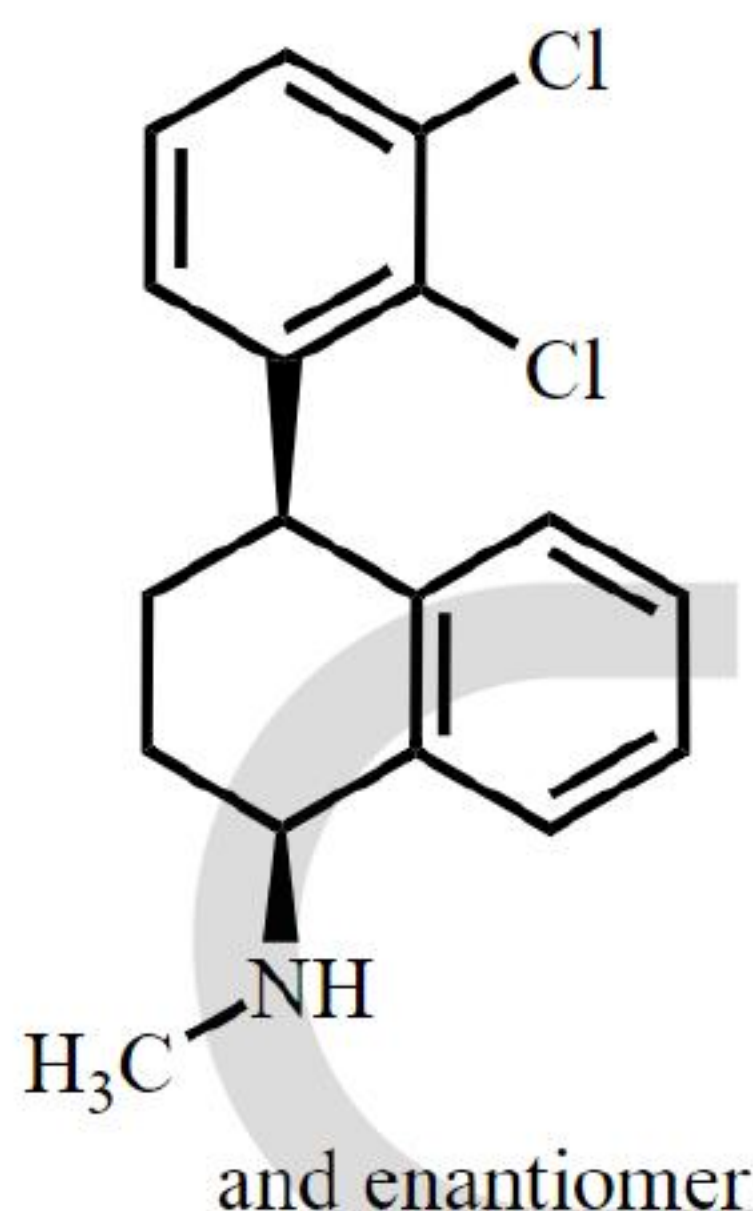


Certificate of Analysis

Reference Material & Standard

Product Name:	Sertraline Impurity 53	Catalogue Number:	C4X-134453
Synonyms:	N/A	Lot Number:	1225-RG-0049
CAS Number:	2184053-08-3	Expiry Date:	Dec 25, 2029
Molecular Formula:	C ₁₇ H ₁₇ Cl ₂ N	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	306.23	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.8829%
Loss On Drying	TGA	1.614%
Assay		97.3%

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: Dec 29, 2025

Date: Dec 29, 2025

Date: Dec 29, 2025



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