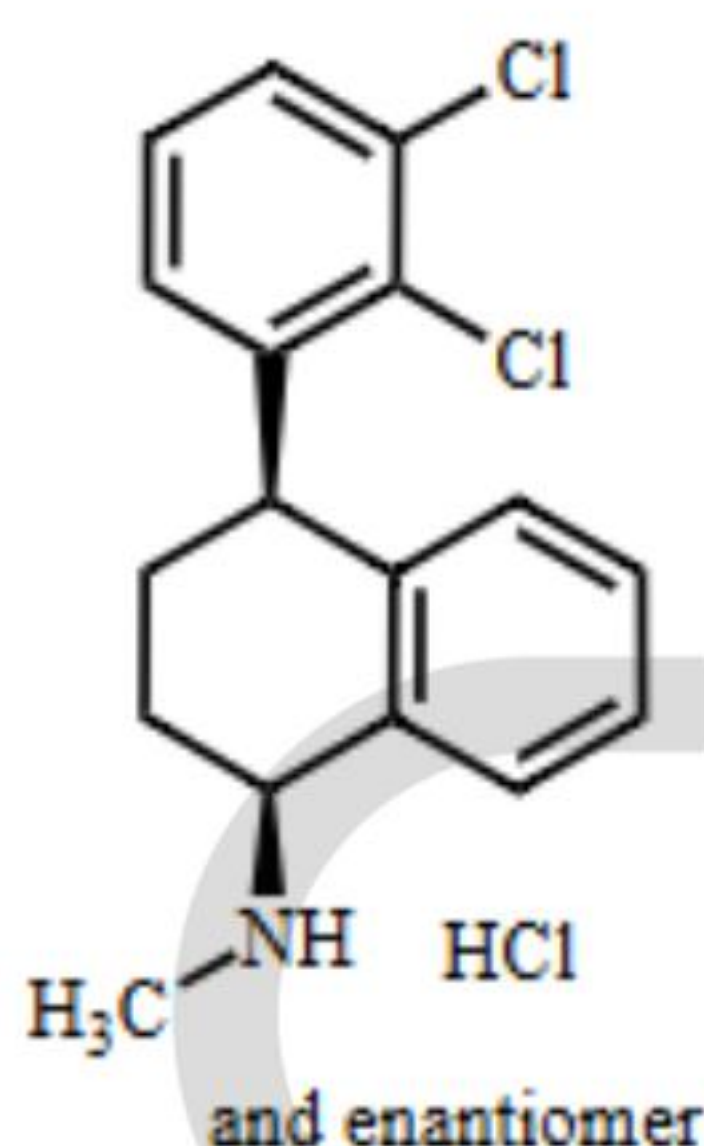


Certificate of Analysis

Reference Material & Standard

Product Name:	Sertraline Impurity 25 HCl	Catalogue Number:	C4X-134425
Synonyms:	N/A	Lot Number:	0328-RG-0130
CAS Number:	2184053-08-3(free base)	Expiry Date:	Mar 26, 2028
Molecular Formula:	C ₁₇ H ₁₇ Cl ₂ N HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	306.23 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.9015%
Residue on Ignition	TGA	1.233%
Loss On Drying	TGA	0.183%
Assay		97.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying 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: Mar 31, 2025

Date: Mar 31, 2025

Date: Mar 31, 2025

