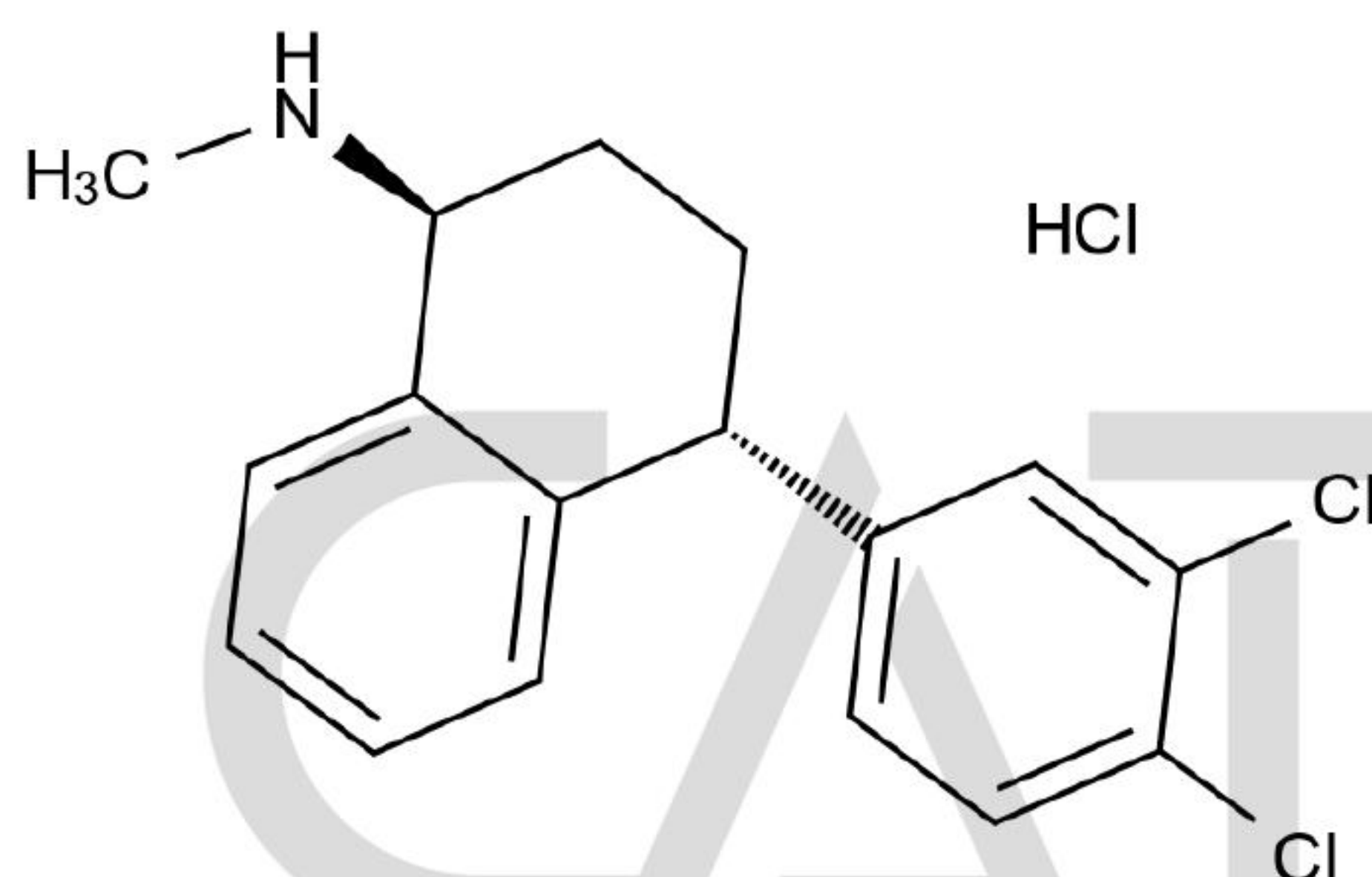


Certificate of Analysis

Reference Material & Standard

Product Name:	Sertraline EP Impurity A HCl (1S,4R-Isomer)	Catalogue Number:	C4X-134417
Synonyms:	N/A	Lot Number:	0813-RH-0077
CAS Number:	79896-31-4	Expiry Date:	Jan 12, 2029
Molecular Formula:	C ₁₇ H ₁₇ Cl ₂ N HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	306.23 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6200%
Loss on Drying	TGA	0.753%
Specific Rotation		[α] _D ^{25.0} (C=1.005, CH ₃ OH): -41.51°
Assay		98.9%

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: Aug 14, 2026

Date: Aug 14, 2026

Date: Aug 14, 2026



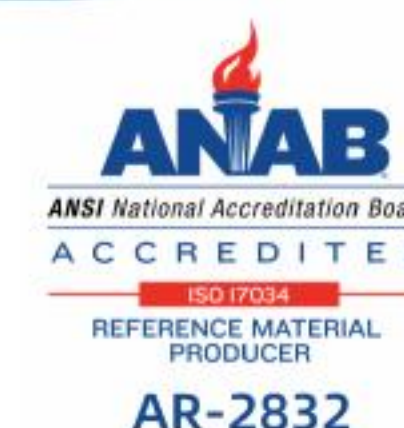
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