

Certificate of Analysis

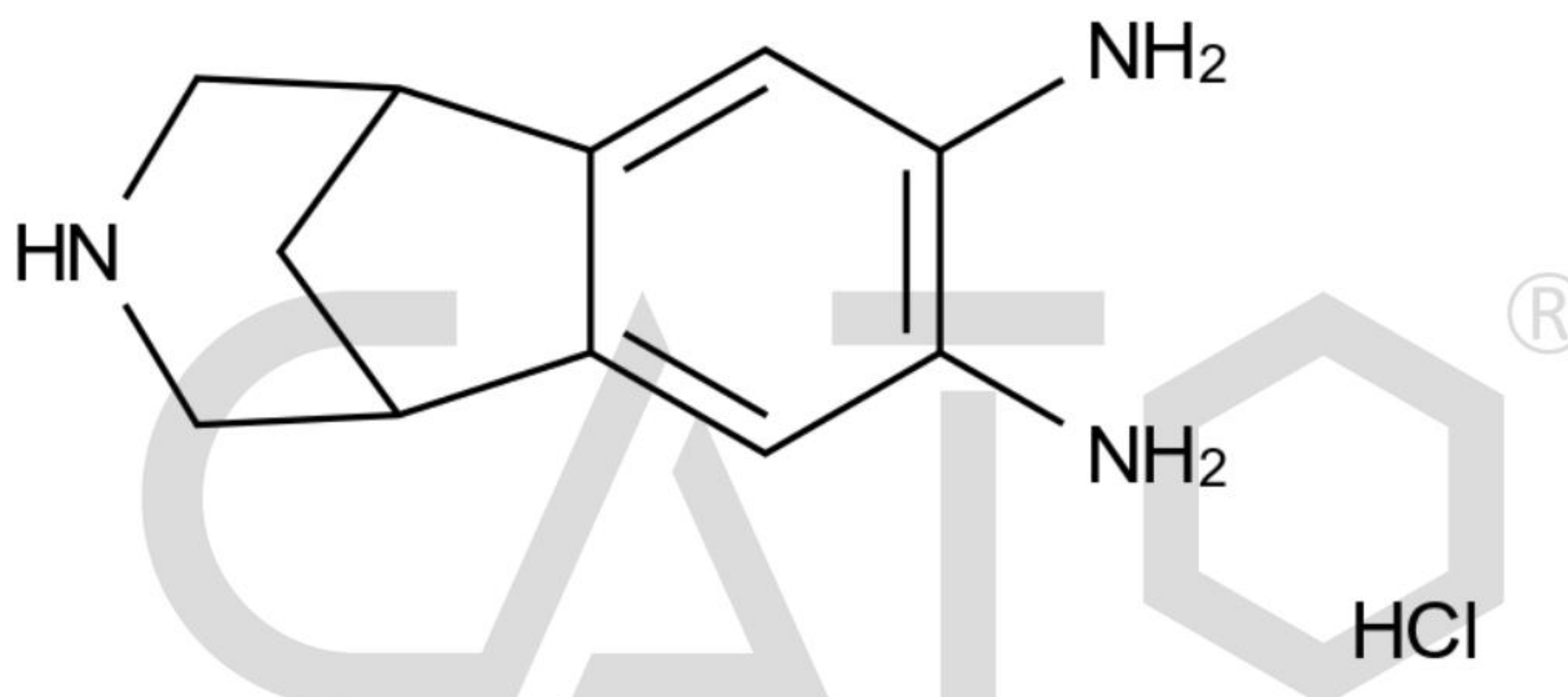
Reference Material & Standard

Product Name:	Varenicline Impurity C19	Catalogue Number:	C1911202
Synonyms:	N/A	Lot Number:	0409-RH-0134
CAS Number:	808120-35-6(free base)	Expiry Date:	Nov 02, 2029
Molecular Formula:	C ₁₁ H ₁₅ N ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	189.26 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.709%
Loss on Drying	TGA	4.2229%
Assay		93.6%

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: Apr 14, 2026

Date: Apr 15, 2026

Date: Apr 15, 2026



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