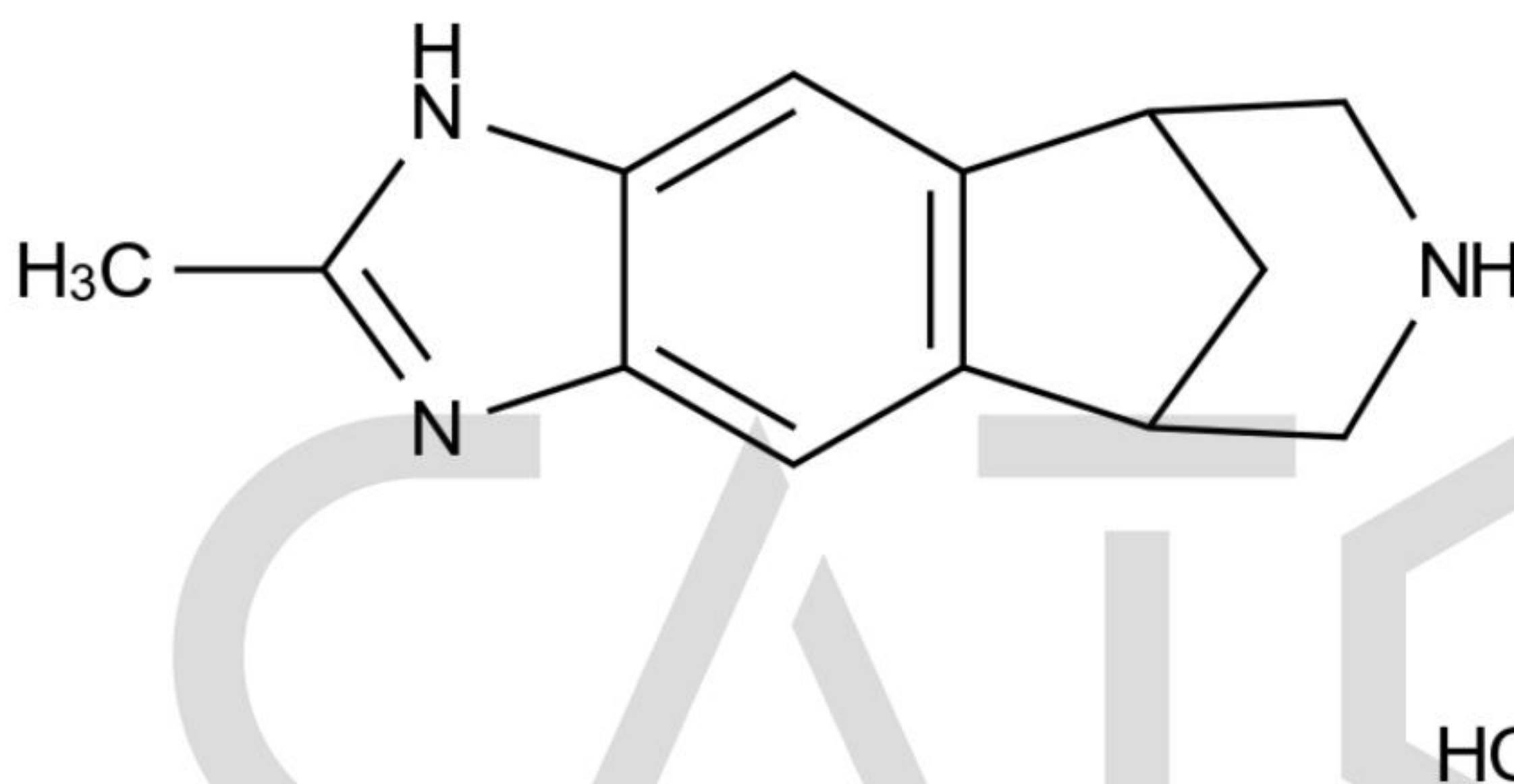


Certificate of Analysis

Reference Material & Standard

Product Name:	Varenicline Impurity 66 HCl	Catalogue Number:	C4X-196266
Synonyms:	N/A	Lot Number:	0330-RH-0064
CAS Number:	328055-88-5	Expiry Date:	Mar 21, 2030
Molecular Formula:	C ₁₃ H ₁₅ N ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	213.28 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.314%
Loss on Drying	TGA	4.18%
Assay		92.3%

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: Apr 21, 2026

Date: Apr 21, 2026

Date: Apr 21, 2026



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