

Certificate of Analysis

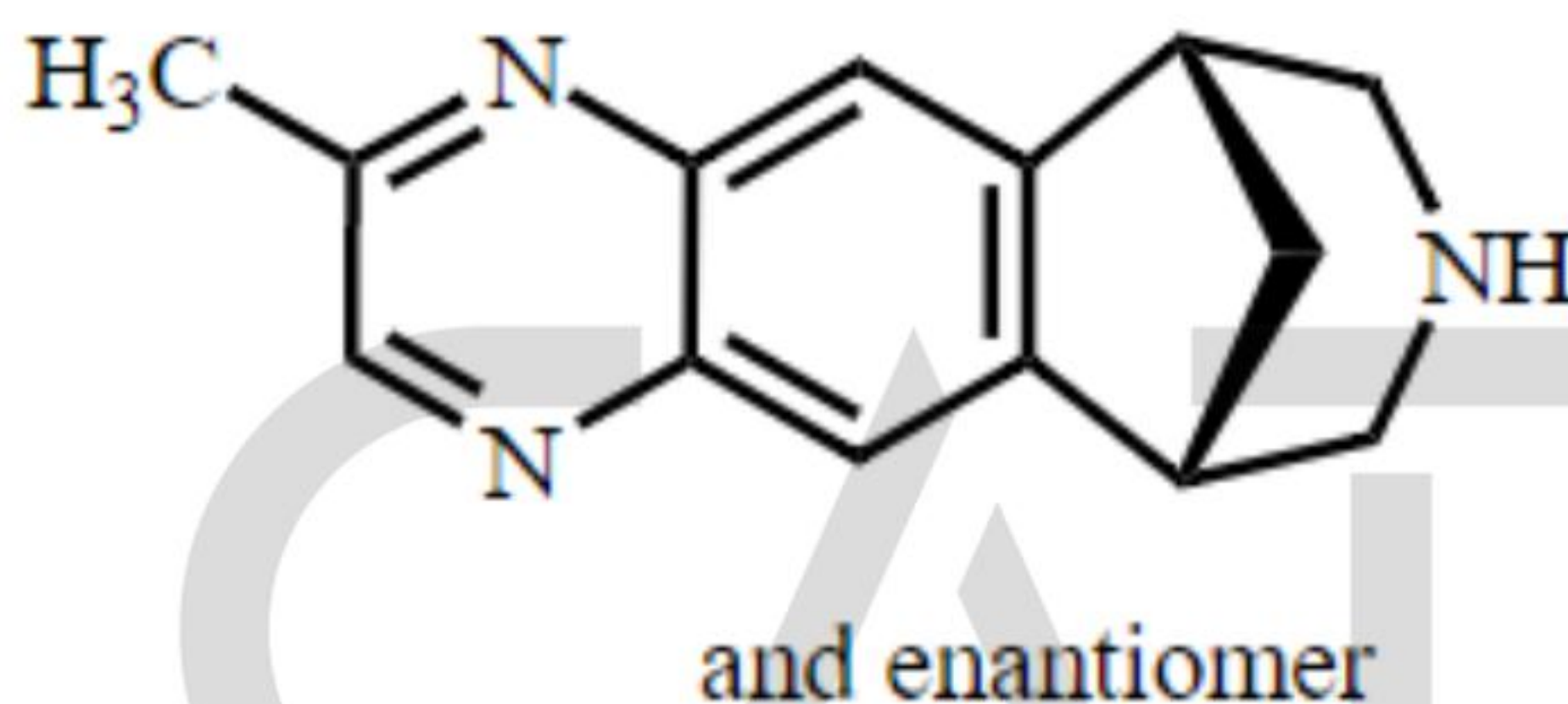
Reference Material & Standard

Product Name:	Varenicline Impurity 31	Catalogue Number:	C4X-196231
Synonyms:	N/A	Lot Number:	0620-RG-0074
CAS Number:	1333145-89-3	Expiry Date:	Apr 01, 2028
Molecular Formula:	C ₁₄ H ₁₅ N ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	225.29		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink to Red Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.057%
Loss on Drying	TGA	0.34%
Assay		98.7%

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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jun 26, 2025

Date: Jun 27, 2025

Date: Jun 27, 2025



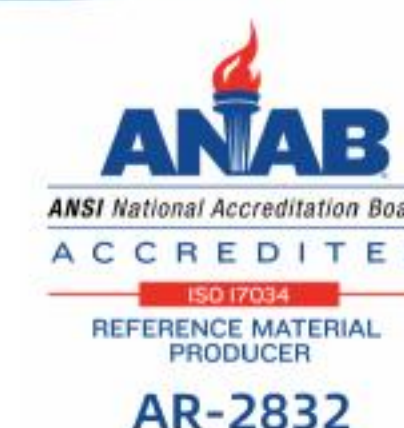
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