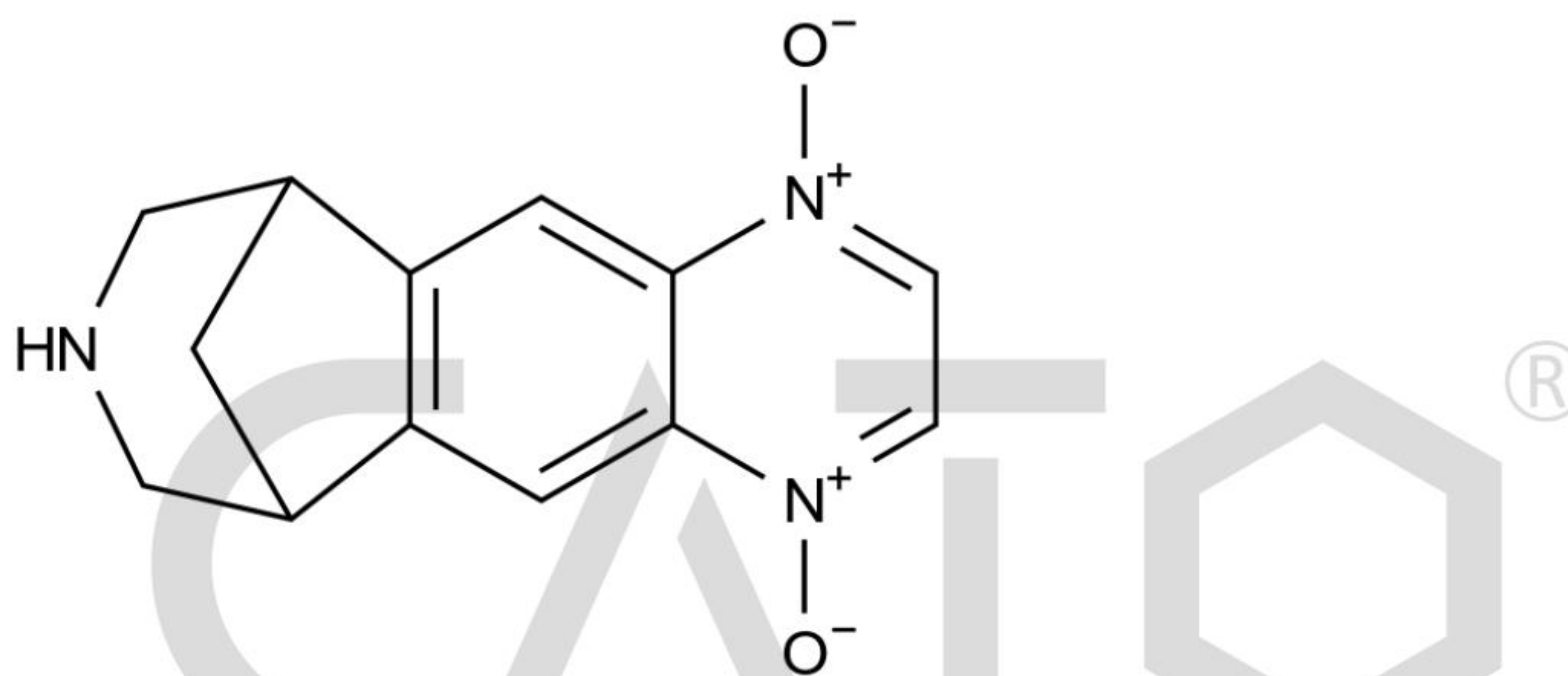


Certificate of Analysis

Reference Material & Standard

Product Name:	Varenicline Impurity 68	Catalogue Number:	C4X-196268
Synonyms:	N/A	Lot Number:	0330-RH-0065
CAS Number:	N/A	Expiry Date:	Jan 25, 2030
Molecular Formula:	C ₁₃ H ₁₃ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	243.26	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.142%
Loss on Drying	TGA	0.82%
Assay		96.3%

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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