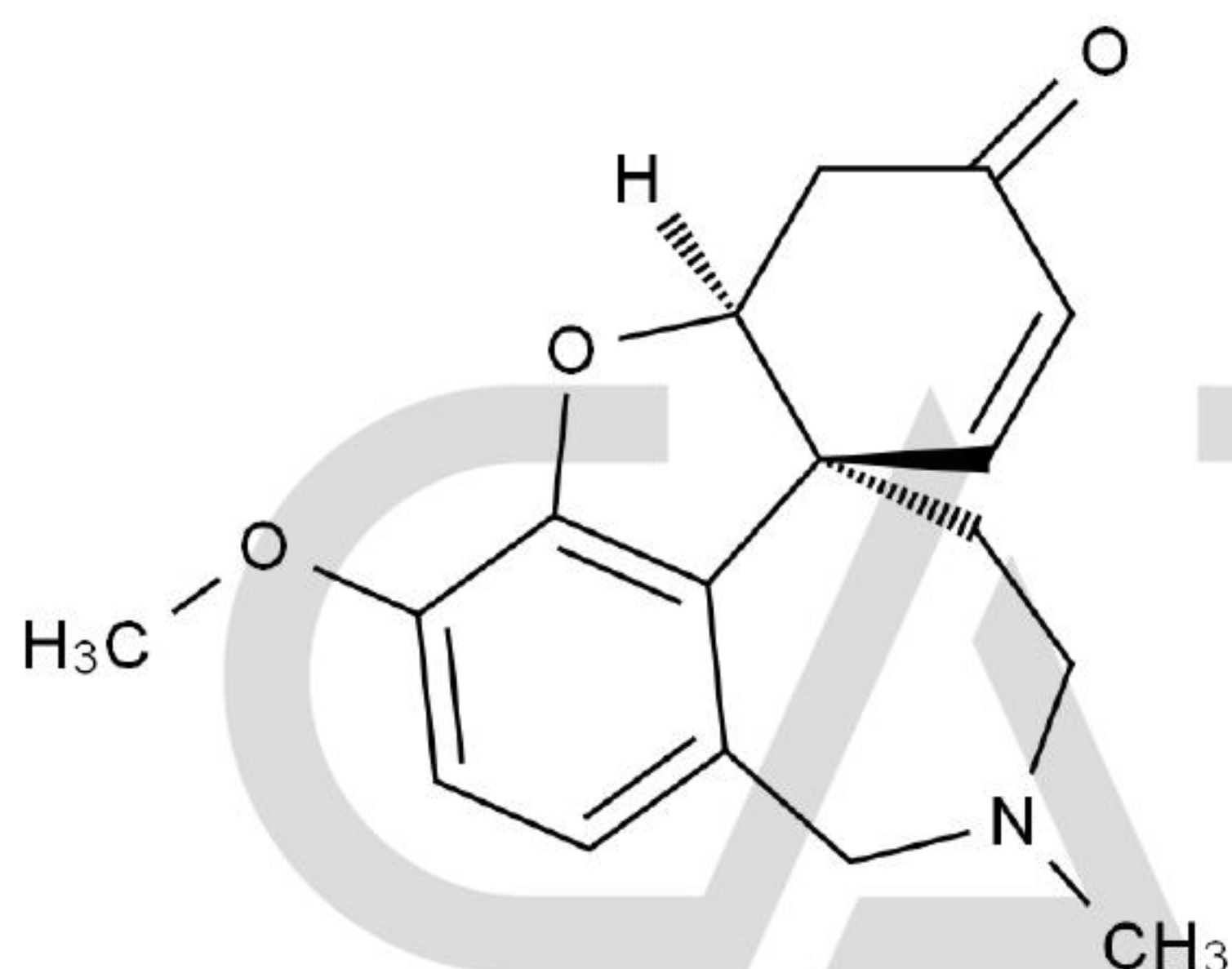


Certificate of Analysis

Reference Material & Standard

Product Name:	Galantamine EP Impurity A (Galantaminone)	Catalogue Number:	C4X-14359
Synonyms:	N/A	Lot Number:	0708-RH-0065
CAS Number:	510-77-0	Expiry Date:	Jul 13, 2030
Molecular Formula:	C ₁₇ H ₁₉ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	285.34	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	96.852%
Water Content	Karl Fischer	1.04%
Residual Solvents	NMR	1.12% dichloromethane
Assay		94.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 15, 2026

Date: Jul 15, 2026

Date: Jul 15, 2026



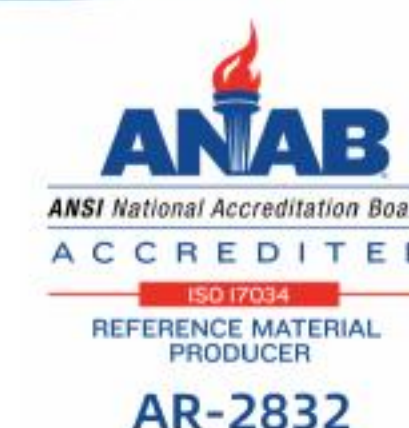
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