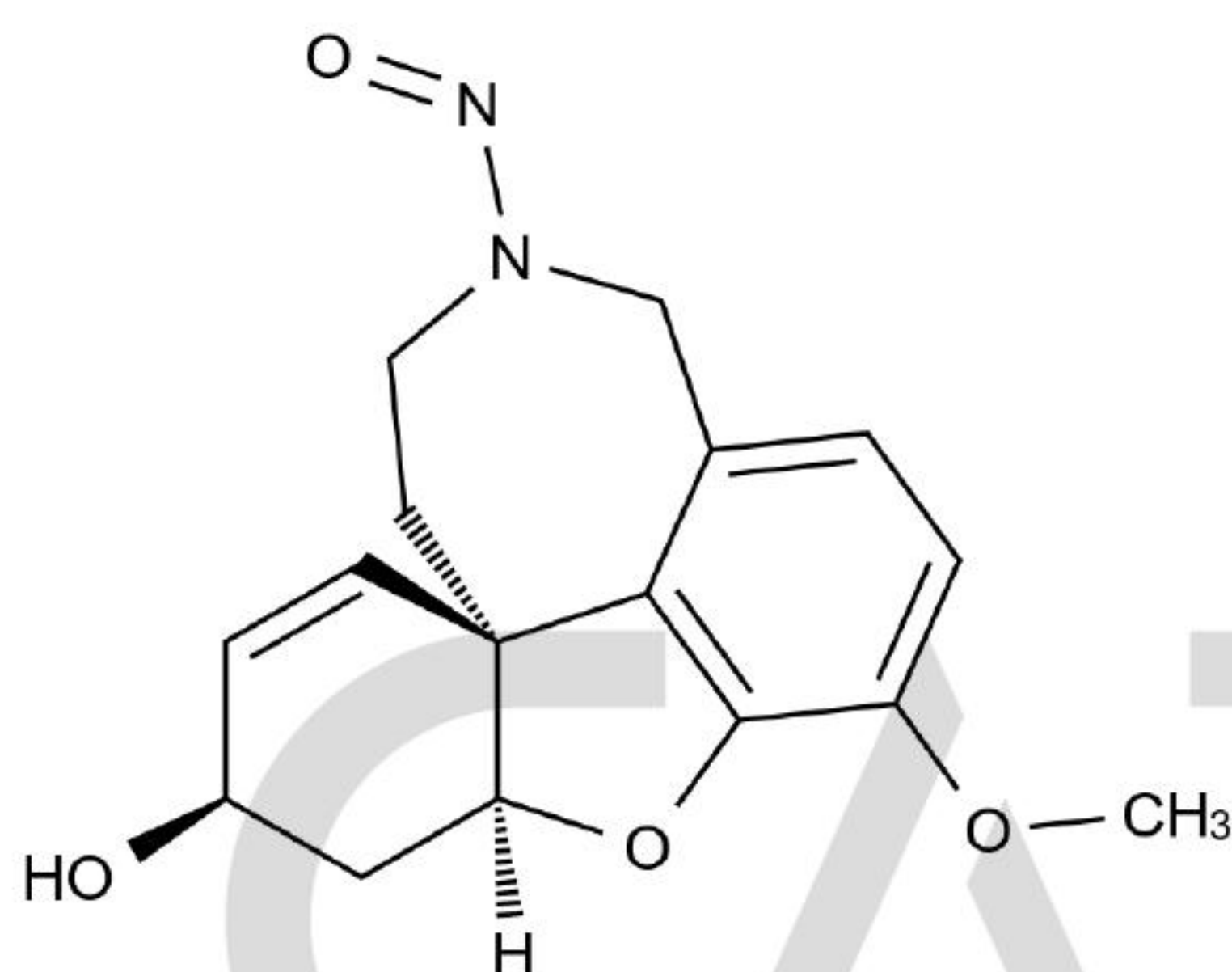


Certificate of Analysis

Reference Material & Standard

Product Name:	Galanthamine Impurity 18	Catalogue Number:	C4X-143518
Synonyms:	N/A	Lot Number:	0512-RG-0040
CAS Number:	N/A	Expiry Date:	May 06, 2028
Molecular Formula:	C ₁₆ H ₁₈ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	302.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.08%
Residual Solvents	NMR	0.20% ethyl acetate
Assay		99.7%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 13, 2025

Date: May 13, 2025

Date: May 13, 2025

