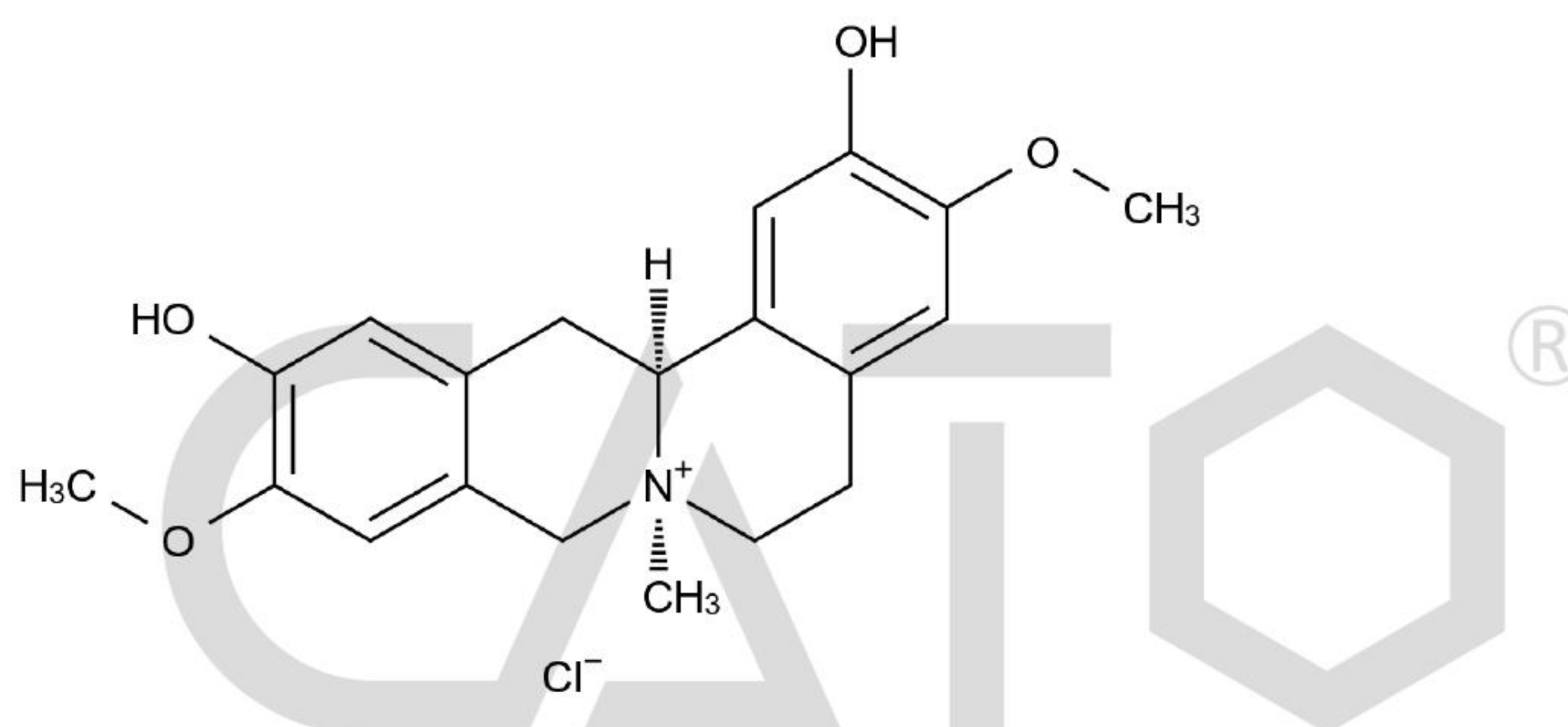


Certificate of Analysis

Reference Material & Standard

Product Name:	Phellodendrine Chloride	Catalogue Number:	CCPE900384
Synonyms:	N/A	Lot Number:	0820-RH-0093
CAS Number:	104112-82-5	Expiry Date:	Aug 23, 2030
Molecular Formula:	C ₂₀ H ₂₄ NO ₄ Cl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	342.41 35.45	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7%
Assay	qNMR	92.5%
Uncertainty		±1.4%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 24, 2026

Date: Aug 24, 2026

Date: Aug 24, 2026



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