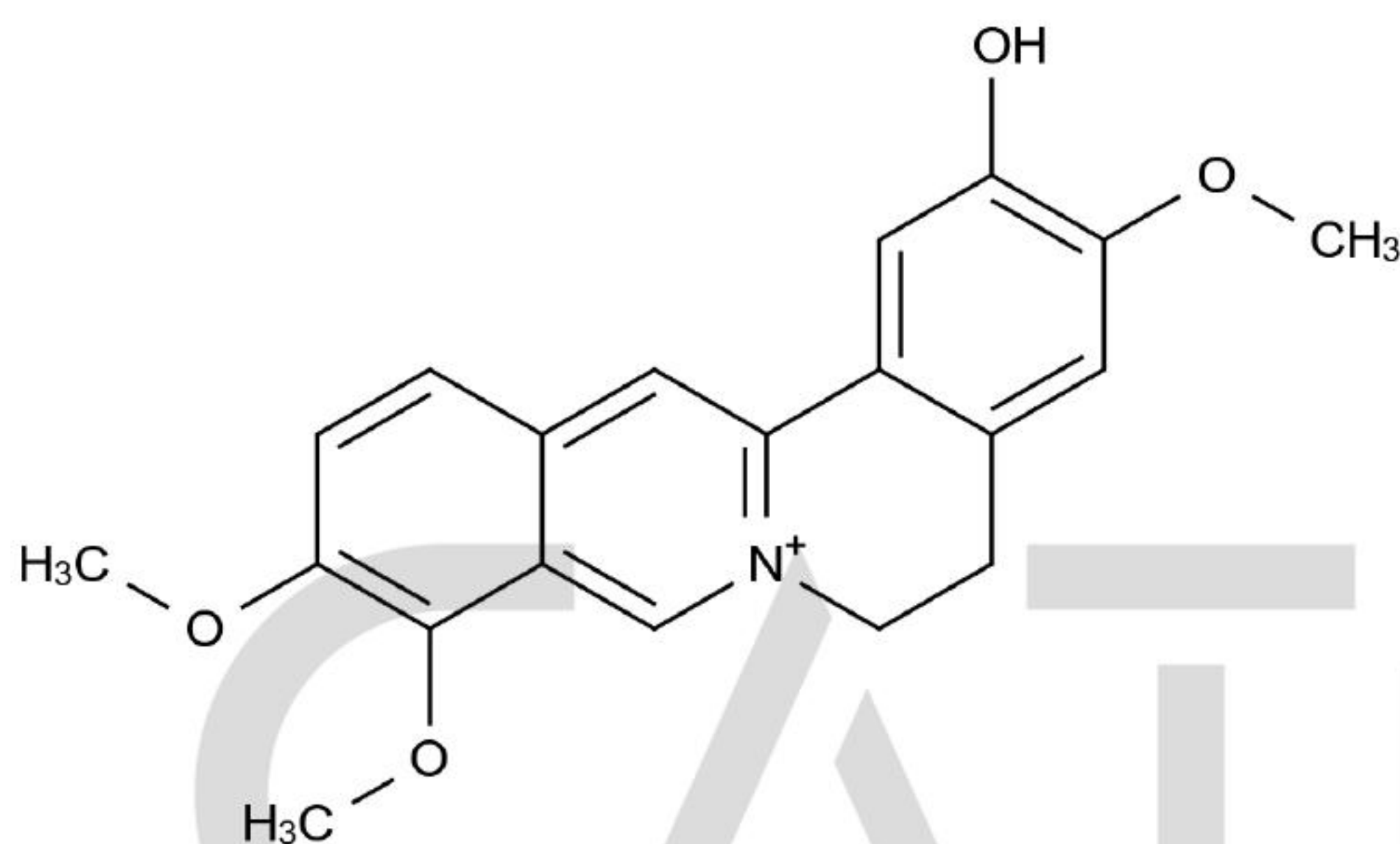


Certificate of Analysis

Reference Material & Standard

Product Name:	Columbamine	Catalogue Number:	CCPE900888
Synonyms:	N/A	Lot Number:	0826-RG-0073
CAS Number:	3621-36-1	Expiry Date:	Aug 21, 2028
Molecular Formula:	C ₂₀ H ₂₀ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	338.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	HNMR	Confirmed
Purity	HPLC	99.1%
Uncertainty		±0.2%

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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 27, 2025

Date: Aug 27, 2025

Date: Aug 27, 2025

