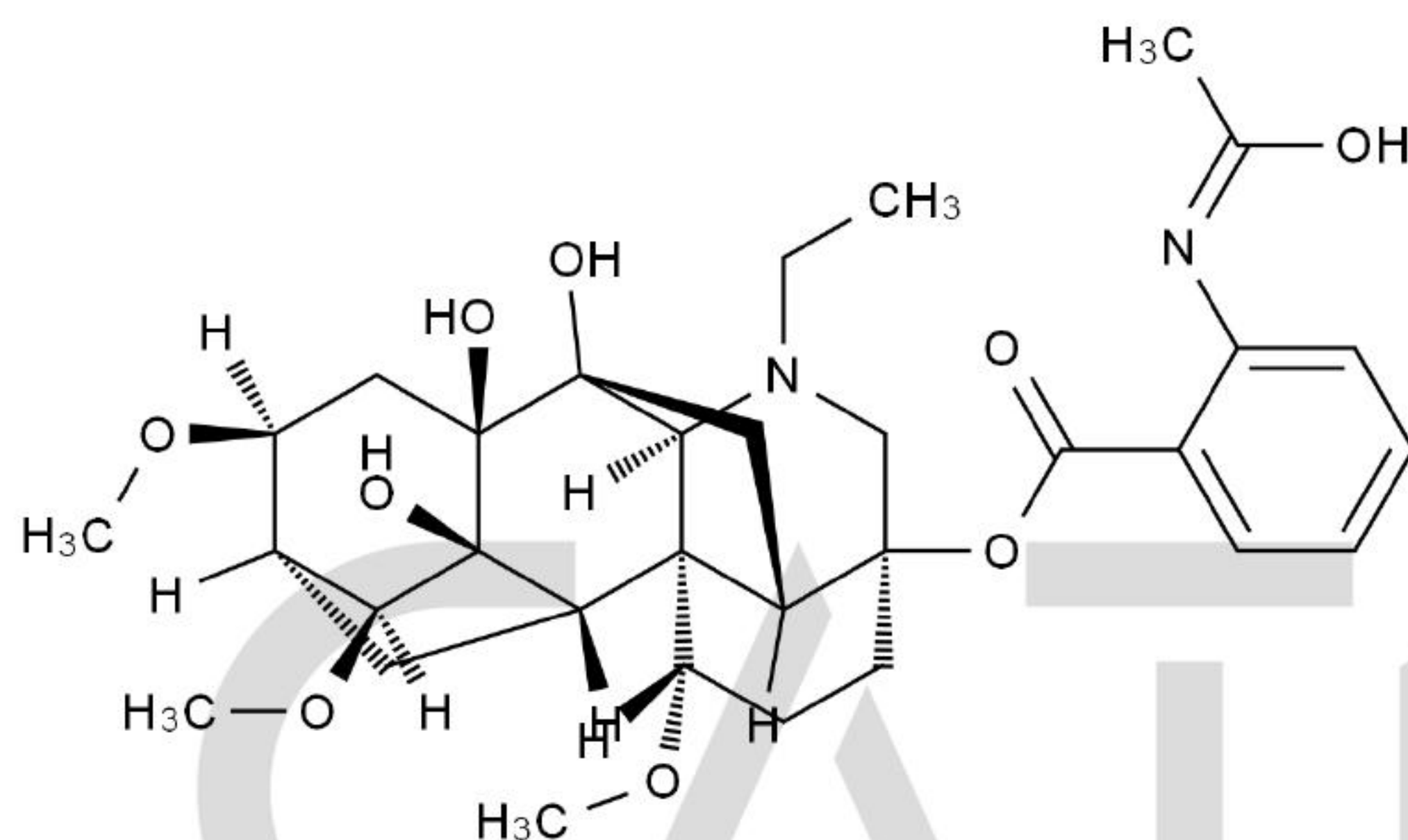


Certificate of Analysis

Reference Material & Standard

Product Name:	Ranaconitine	Catalogue Number:	C3D-3188
Synonyms:	N/A	Lot Number:	1115-RF-0073
CAS Number:	1360-76-5	Expiry Date:	Nov 21, 2027
Molecular Formula:	C32H44N2O9	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	600.70		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	92.274%
Loss On Drying	TGA	5.6564%
Assay		87.1%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 22, 2024

Date: Nov 22, 2024

Date: Nov 22, 2024

