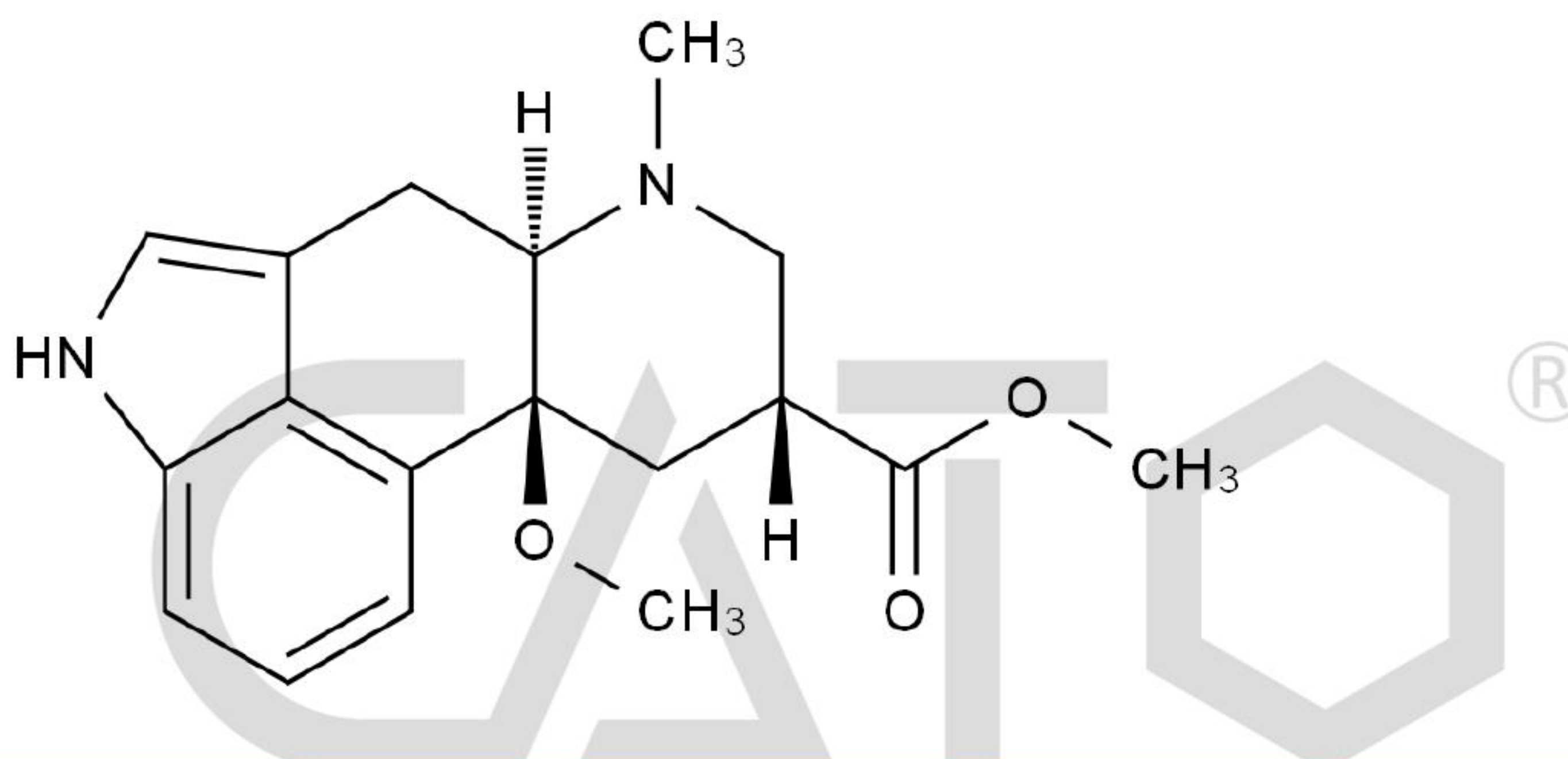


Certificate of Analysis

Reference Material & Standard

Product Name:	Nicergoline Impurity 21	Catalogue Number:	C4X-208521
Synonyms:	N/A	Lot Number:	0329-RE-0030
CAS Number:	23495-64-9	Expiry Date:	Mar 30, 2026
Molecular Formula:	C ₁₈ H ₂₂ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	314.38		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink to Red Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.163%
Loss on Drying	TGA	3.6404%
Assay		95.6%

Comment:

The calculation of the mass balance 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:

Hin Lam

Reviewed by:

Nacy

Approved by General Manager:

David

Date: Mar 31, 2023

Date: Apr 03, 2023

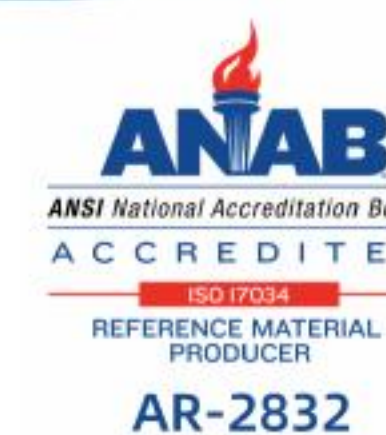
Date: Apr 03, 2023

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>



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