

Certificate of Analysis

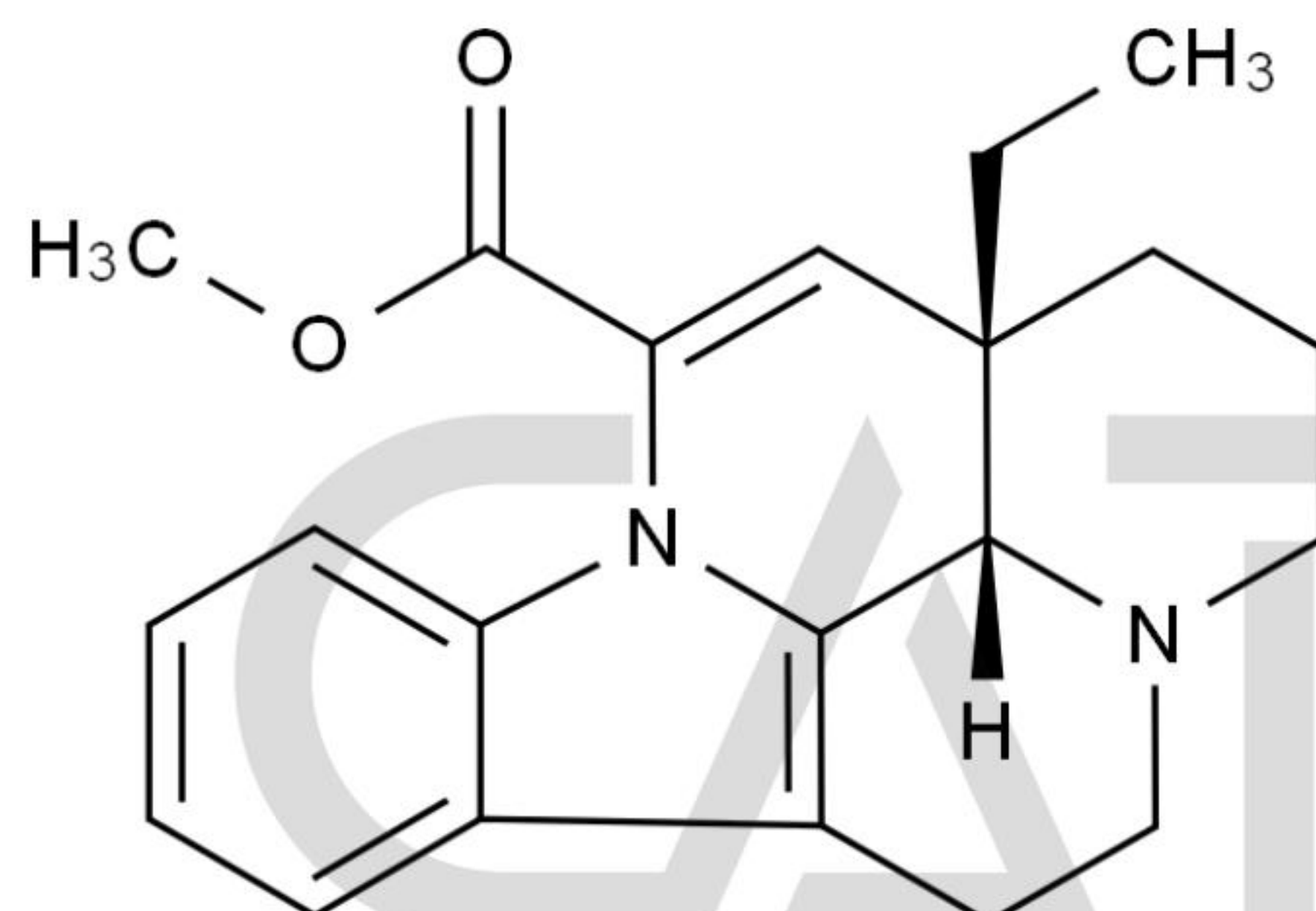
Reference Material & Standard

Product Name:	Vinpocetine EP Impurity B	Catalogue Number:	C4X-18439
Synonyms:	N/A	Lot Number:	0924-RH-0026
CAS Number:	4880-92-6	Expiry Date:	Sep 19, 2030
Molecular Formula:	C ₂₁ H ₂₄ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	336.43	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.658%
Water Content	Karl Fischer	0.44%
Residual Solvents	NMR	0.66% methanol
Assay		98.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 24, 2026

Date: Sep 28, 2026

Date: Sep 28, 2026



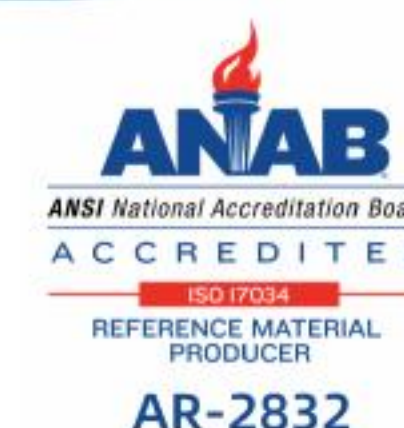
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