

Certificate of Analysis

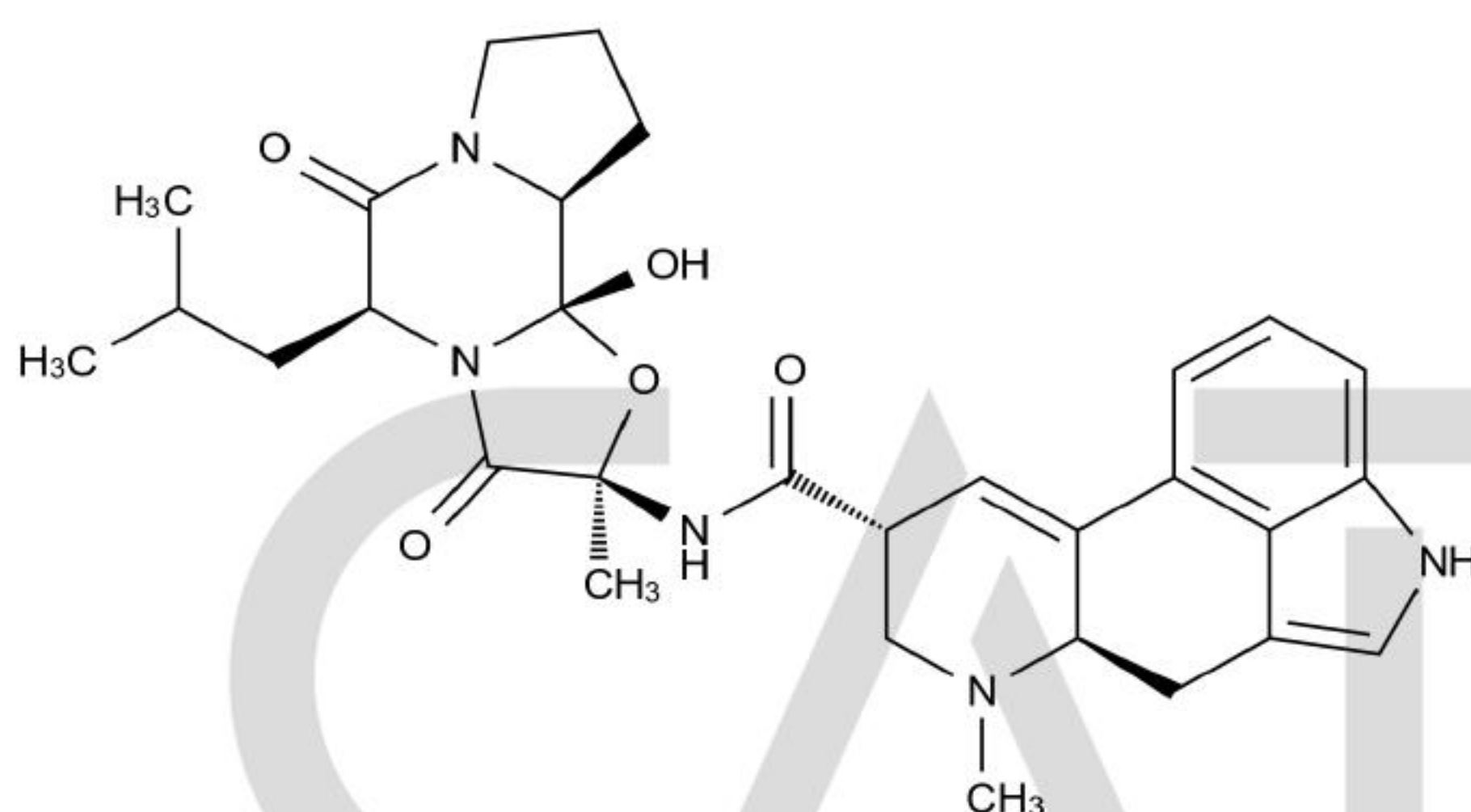
Reference Material & Standard

Product Name:	Ergosine	Catalogue Number:	CCPE902116
Synonyms:	N/A	Lot Number:	0922-RG-0043
CAS Number:	561-94-4	Expiry Date:	Feb 19, 2027
Molecular Formula:	C ₃₀ H ₃₇ N ₅ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	547.65		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Purity	HPLC	95.5%
Uncertainty		±0.6%

Comment:

- The standard that you have received may appear at first glance. as an empty vial. The target compound (s) is (are) in a film at the bottom of the vial. Do not open the vial until you are ready to reconstitute. To reconstitute this RM use the following procedure:
 - 1.1 Add 5ml±0.014ml of acetonitrile with a graduated syringe Or a volumetric pipette
 - 1.2 Cap vial tightly
 - 1.3 Mix vigorously on a vortex mixer and repeat for several times over a longer period or sonicate at room temperature
 - 1.4 Always keep vial tightly capped.
 - 1.5 Store the reconstituted standard at -20°C in a dark environment for max. 8 weeks.
 - 1.6 Store immediately at -20°C after usage to avoid degradation.
- 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:

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Date: Sep 23, 2025

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