



Certificate of Analysis

Product Name	Cyclopamine (11-Deoxojervine)
Catalog No.	V1332
Batch No.	V133203

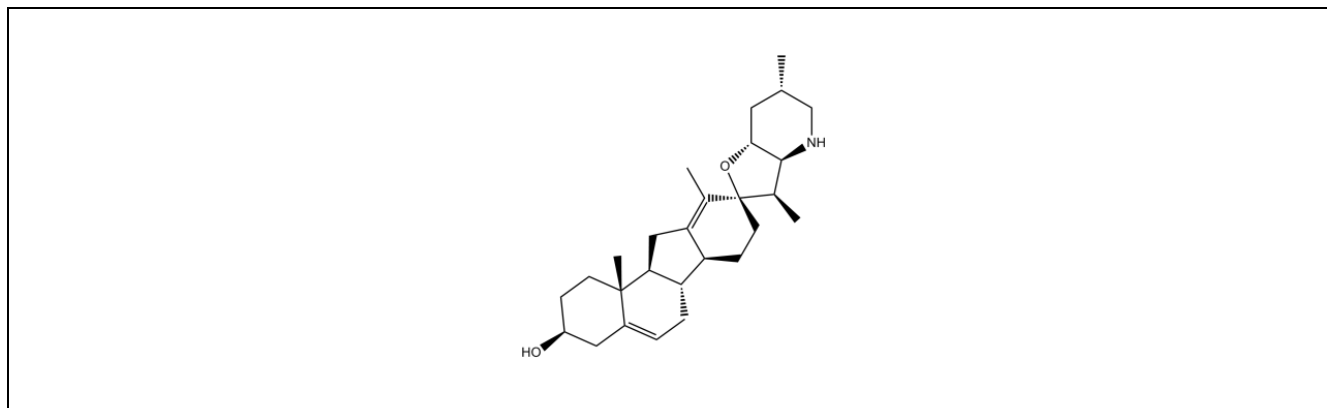
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₂₇ H ₄₁ NO ₂
Molecular Weight	411.62
Purity	≥98%
CAS No.	4449-51-8
Production Date	06/20/2020

2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for two years

Products are for research use only • Not for human or veterinary use