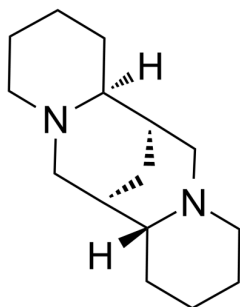


Certificate of Analysis

Compound Information

Product Name:	(+)-Sparteine
Cat. No.:	1033600
CAS No.:	492-08-0
Molecular Formula:	C ₁₅ H ₂₆ N ₂
Molecular Weight:	234.38
Chemical Structure:	



Batch Information

Batch No.:	Ld0114023
Storage:	2-8°C, sealed storage, away from moisture and light
Mfg. Date:	2020-01-14
Retest Date:	2023-01-13
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai