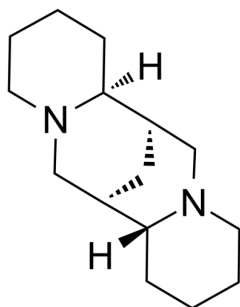


Certificate of Analysis

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.:	Lb1029032
Storage:	2-8°C, sealed storage, away from moisture and light
Mfg. Date:	2018-10-29
Retest Date:	2021-10-28
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to light yellow (Liquid)
¹H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	≥97.0%
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

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