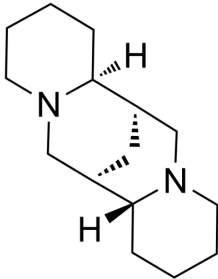


Certificate of Analysis

Product Name:	(+)-Sparteine
Cat. No.:	CS-W008350
CAS No.:	492-08-0
Batch No.:	38681
Chemical Name:	7,14-Methano-2H,6H-dipyrido[1,2-a:1',2'-e][1,5]diazocine, dodecahydro-, (7R,7aR,14R,14aS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₅ H ₂₆ N ₂
Molecular Weight:	234.38
Storage:	2-8°C, sealed storage, away from moisture and light
Chemical Structure:	

ANALYTICAL DATA

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

Caution: Product has not been fully validated for medical applications. For research use only.

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