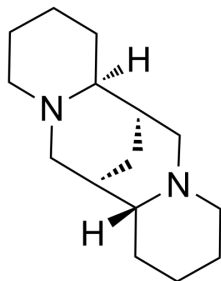


Certificate of Analysis

Product Name: (+)-Sparteine
Cat. No.: CS-W008350
CAS No.: 492-08-0
Batch No.: Le031063183
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: C₁₅H₂₆N₂
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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