



CERTIFICATE OF ANALYSIS

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1. Identification

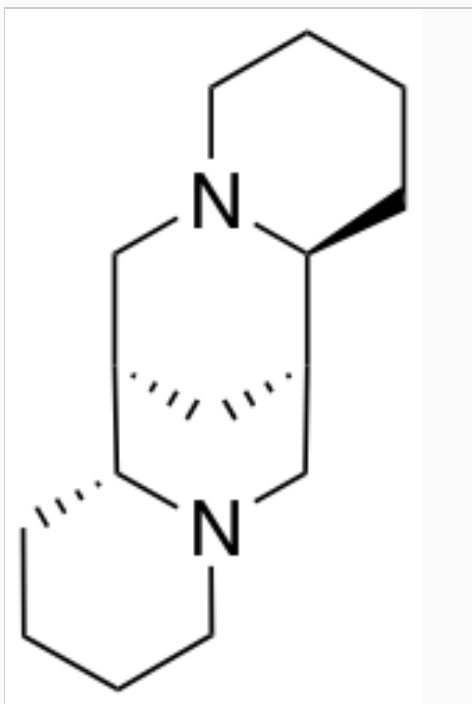
Catalogue Number: S679505

CAS Number: 492-08-0

Product: (+)-Sparteine

Synonym:

Structure:



Molecular Formula:

C₁₅H₂₆N₂

Molecular weight:

234.38

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethanol (Slightly), Methanol (Slightly)

Lot Number: 6-TAH-72-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

Colourless to Light Yellow Thick Oil

Colourless to Light Yellow Thick Oil

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

HPLC Purity

Report Result

97.96% (ELSD)

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	10/25/2022	10/23/2026
				