

CERTIFICATE OF ANALYSIS

Sparteine sulfate pentahydrate

[**Catalog No.**] CFN99777

[**CAS No.**] 299-39-8

[**Purity**] 98%

[**M.F**] $C_{15}H_{28}N_2O_4S$

[**Physical Description**] Powder

[**Solvent**] DMSO, Pyridine, Methanol, Ethanol, etc.

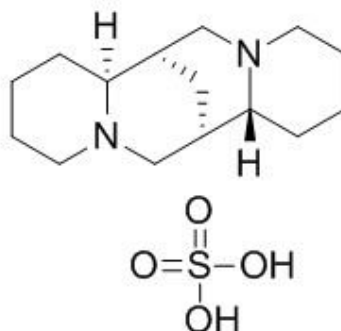
[**Weight**] 20mg

[**Lot No.**] CFS201501

[**Storage**] Protected from air and light, refrigerate or freeze(2-8 °C)

[**Intended Use**] For laboratory use only

[**Shelf Life**] 2 years



[**Chemical Structure**]

[**Characterization Data Summary**]

Analytical Test	Results
Identification by 1H -NMR	Consistent with the above structure
Purity tested	98%

Authorized Signature:

Date: