

CERTIFICATE OF ANALYSIS

4,5-Dihydropiperlonguminine

[**Catalog No.**] CFN91508

[**CAS No.**] 23512-53-0

[**Purity**] $\geq 98\%$

[**M.F**] $C_{16}H_{21}NO_3$

[**Physical Description**] Powder

[**Solvent**] Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

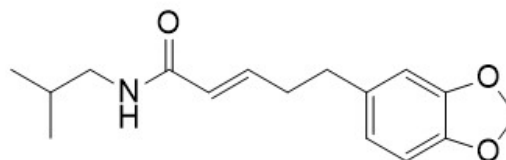
[**Weight**] 10mg

[**Lot No.**] CFS202301

[**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 | $\geq 98\%$ |

Authorized Signature:

Date: