

CERTIFICATE OF ANALYSIS

Ligularine

[**Catalog No.**] CFN00378

[**CAS No.**] 34429-54-4

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

[**M.F**] $C_{19}H_{27}NO_7$

[**Physical Description**] Powder

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

[**Weight**] 5mg

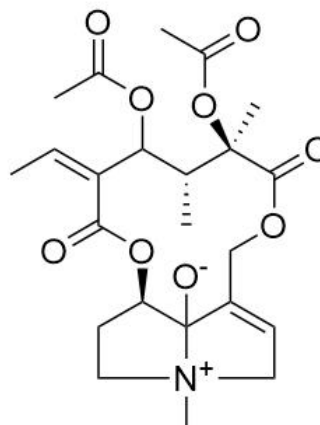
[**Lot No.**] CFS202301

[**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 ^{13}C -NMR	Consistent with the above structure
Purity tested	$\geq 98\%$

Authorized Signature:

Date: