

CERTIFICATE OF ANALYSIS

Vinorine

[**Catalog No.**] CFN97757

[**CAS No.**] 34020-07-0

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

[**M.F**] $C_{21}H_{22}N_2O_2$

[**Physical Description**] Powder

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

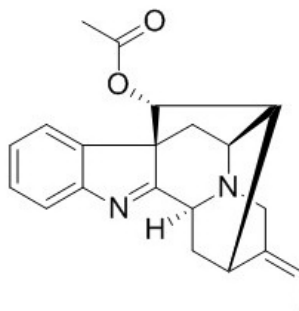
[**Weight**] 5mg

[**Lot No.**] CFS202201

[**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, HPLC	Consistent with the above structure
Purity tested	$\geq 98\%$

Authorized Signature:

Date: