

## CERTIFICATE OF ANALYSIS

### Cinchonine hydrochloride

[ **Catalog No.** ] CFN93307

[ **CAS No.** ] 5949-11-1

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

[ **M.F** ]  $C_{19}H_{23}ClN_2O$

[ **Physical Description** ] Powder

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

[ **Weight** ] 20mg

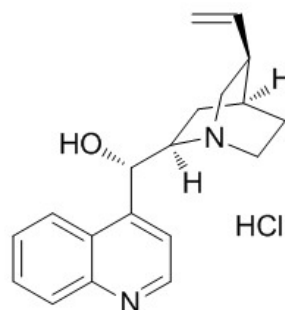
[ **Lot No.** ] CFS201801

[ **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:**