

CERTIFICATE OF ANALYSIS

Tubuloside A

[**Catalog No.**] CFN90669

[**CAS No.**] 112516-05-9

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

[**M.F**] $C_{37}H_{48}O_{21}$

[**Physical Description**] Powder

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

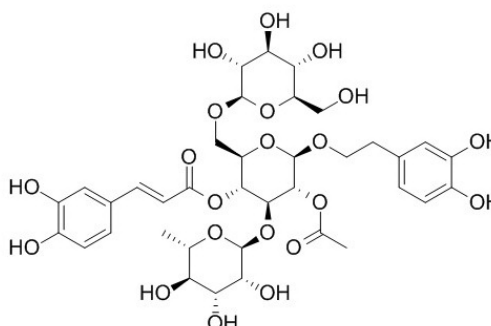
[**Weight**] 20mg

[**Lot No.**] CFS202001

[**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: