

CERTIFICATE OF ANALYSIS

Marsdenoside F

[**Catalog No.**] CFN97605

[**CAS No.**] 858360-61-9

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

[**M.F**] $C_{39}H_{60}O_{14}$

[**Physical Description**] Powder

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

[**Weight**] 1mg

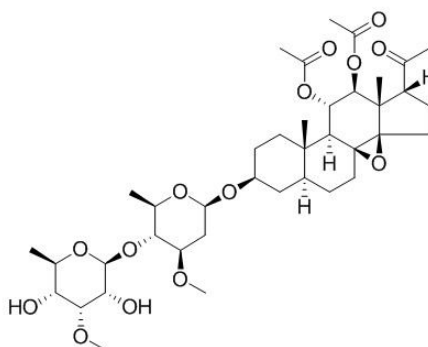
[**Lot No.**] CFS201902

[**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: