

## **Certificate of Analysis**

## Ciwujianoside B

Cat. No.: HY-N0307
CAS No.: 114902-16-8
Batch No.: 152550

Chemical Name: 30-Noroleana-12,20(29)-dien-28-oic acid, 3-[[2-O-(6-deoxy-α-L-mannopyranosyl)-α-L-arabinopy

ranosyl]oxy]-, O-6-deoxy- $\alpha$ -L-mannopyranosyl- $(1\rightarrow 4)$ -O- $\beta$ -D-glucopyranosyl- $(1\rightarrow 6)$ - $\beta$ -D-glucopyr

anosyl ester, (3β)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{58}H_{92}O_{25}$ Molecular Weight:1189.34

Storage: -20°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.00%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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