

## **Certificate of Analysis**

## Platycodin A

 Cat. No.:
 HY-N8922

 CAS No.:
 66779-34-8

 Batch No.:
 275123

Chemical Name: Olean-12-en-28-oic acid, 3-(β-D-glucopyranosyloxy)-2,16,23,24-tetrahydroxy-, O-D-apio-β-D-fur

anosyl- $(1\rightarrow 3)$ -O- $\beta$ -D-xylopyranosyl- $(1\rightarrow 4)$ -O-2-O-acetyl-6-deoxy- $\alpha$ -L-mannopyranosyl- $(1\rightarrow 2)$ - $\alpha$ -L-a

rabinopyranosyl ester,  $(2\beta,3\beta,16\alpha)$ -

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{59}H_{94}O_{29}$  Molecular Weight: 1267.36

Storage: -20°C, protect from light

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

HO OH HO OH OH OH OH OH

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

Purity (HPLC): 99.29%

**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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