## **Certificate of Analysis**

## Polygalasaponin F

Cat. No.: HY-N0392
CAS No.: 882664-74-6
Batch No.: 149800

Chemical Name: Olean-12-en-28-oic acid, 3-(β-D-glucopyranosyloxy)-2,23-dihydroxy-, O-β-D-xylopyranosyl-(1→4)

-O-6-deoxy-α-L-mannopyranosyl-(1 $\rightarrow$ 2)-β-D-glucopyranosyl ester, (2 $\beta$ ,3 $\beta$ ,4 $\alpha$ )-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{53}H_{86}O_{23}$  Molecular Weight: 1091.24

**Storage:** 4°C, protect from light

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

**Purity (HPLC):** 99.74%

**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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