## **Certificate of Analysis**

## Damulin A

Cat. No.: HY-16941 CAS No.: 1202868-74-3

Batch No.: 248583

**Chemical Name:**  $\beta$ -D-Glucopyranoside, (2 $\alpha$ ,3 $\beta$ ,12 $\beta$ ,20E)-2,12-dihydroxydammara-20(22),24-dien-3-yl 2-O- $\beta$ -D-glu

copyranosyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{42}H_{70}O_{13}$ **Molecular Weight:** 783.00

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

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to light yellow (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure Consistent with structure

Purity (HPLC): 96.80%

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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