Certificate of Analysis

Hederacoside D

Cat. No.: HY-N0254 760961-03-3 CAS No .: Batch No.: 283031

Chemical Name: Olean-12-en-28-oic acid, 3-(α-L-arabinopyranosyloxy)-23-hydroxy-, O-6-deoxy-α-L-mannopyran

osyl- $(1\rightarrow4)$ -O- β -D-glucopyranosyl- $(1\rightarrow6)$ - β -D-glucopyranosyl ester, $(3\beta,4\alpha)$ -

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅₃H₈₆O₂₂ **Molecular Weight:** 1075.24

4°C, protect from light Storage:

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

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure Consistent with structure MS:

Purity (HPLC): 99.34%

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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