Certificate of Analysis

Cucurbitacin IIa

Cat. No.: HY-N1988 CAS No.: 58546-34-2 Batch No.: 113054

Chemical Name: 19-Norlanost-5-ene-11,22-dione, 25-(acetyloxy)-2,3,16,20-tetrahydroxy-9-methyl-, $(2\beta,3\alpha,9\beta,10)$

 $\alpha,16\alpha)$ -

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{32}H_{50}O_{8}$ **Molecular Weight:** 562.73

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

Purity (HPLC): 98.46%

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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