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# **Certificate of Analysis**

## Clinodiside A

Cat. No.: HY-N1371
CAS No.: 916347-31-4
Batch No.: 113786

Chemical Name: 2-[[4,5-Dihydroxy-6-[[8-hydroxy-5,8a-bis(hydroxymethyl)-5,6a,6b,11,11,14b-hexamethyl-1,2,3,4,

4a,6,7,8,9,10,12,14a-dodecahydropicen-3-yl]oxy]-3-[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-y

l]oxyoxan-2-yl]methoxy]-6-(hydroxymethyl)oxane-3,4,5-triol

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{48}H_{78}O_{19}$ Molecular Weight:959.12

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)

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

**Purity (HPLC):** 98.84%

**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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