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Certificate of Analysis

Polyphyllin II

Cat. No.: HY-N0048

CAS No.: 76296-72-5

Batch No.: 180207

Chemical Name: β-D-Glucopyranoside, (3 β ,25R)-spirost-5-en-3-yl O-α-L-arabinofuranosyl-(1→4)-O-[6-deoxy-α-L-

mannopyranosyl-(1→3)]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{44}H_{70}O_{16}$ Molecular Weight: 855.02

Storage: 4°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.05%

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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