Certificate of Analysis

Onjisaponin Z

Cat. No.: HY-N4325 1078708-72-1 CAS No .: Batch No.: 254463

Chemical Name: Olean-12-ene-23,28-dioic acid, 3-(β -D-glucopyranosyloxy)-2,27-dihydroxy-, 28-[O- β -D-xylopyran

> $osyl-(1\rightarrow 4)-O-6-deoxy-\alpha-L-mannopyranosyl-(1\rightarrow 2)-O-[6-deoxy-\alpha-L-mannopyranosyl-(1\rightarrow 3)]-6-deoxy-\alpha-L-mannopyranosyl-(1\rightarrow 3)$ xy-4-O-[(2E)-1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propen-1-yl]-β-D-galactopyranosyl] ester, (2β,3

 $\beta,4\alpha)$ -

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{71}H_{106}O_{32}$ **Molecular Weight:** 1471.58

4°C, protect from light Storage:

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) MS: Consistent with structure

Purity (HPLC): 97.44%

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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