Certificate of Analysis



Theasaponin E1

Cat. No.: HY-N11709 CAS No.: 220114-28-3 Batch No.: 315822

Chemical Name: β -D-Glucopyranosiduronic acid, (3 β ,4 α ,16 α ,21 β ,22 α)-22-(acetyloxy)-16,28-dihydroxy-21-[[(2Z)-2]]

-methyl-1-oxo-2-buten-1-yl]oxy]-23-oxoolean-12-en-3-yl O-β-D-galactopyranosyl-(1→2)-O-[O-β-

D-xylopyranosyl- $(1\rightarrow 2)$ - α -L-arabinopyranosyl- $(1\rightarrow 3)$]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{59}H_{90}O_{27}$ **Molecular Weight:** 1231.33

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)

Purity: ≥99.0%

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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