

Certificate of Analysis

Escin IA

Cat. No.: HY-N0554
CAS No.: 123748-68-5
Batch No.: 114006

Chemical Name: β-D-Glucopyranosiduronic acid, (β,4β,16α,21β,22α)-22-(acetyloxy)-16,23,28-trihydroxy-21-[[(2E)

-2-methyl-1-oxo-2-buten-1-yl]oxy]olean-12-en-3-yl O-β-D-glucopyranosyl-(1→2)-O-[β-D-glucopy

ranosyl-(1→4)]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{55}H_{86}O_{24}$ Molecular Weight: 1131.26

Storage: 4°C, protect from light

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

Chemical Structure:

OH OH OH OH OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.74%

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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