



CERTIFICATE OF ANALYSIS

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1. Identification

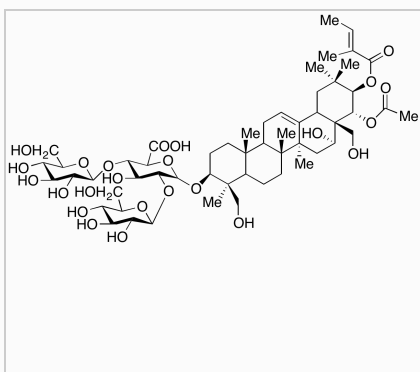
Catalogue Number: E658790

CAS Number: 6805-41-0

Product: Escin (mixture of natural saponins, Technical Grade)

Synonym: 3-(4-O-β-D-glucopyranosyl-2-O-β-D-xylopyranosyl-β-D-glucopyranuronoside)escigenin 3-Hydroxy-2-methylbutyrate Acetate; 3,5-Epoxylicene, escin deriv.; Oleanane Escin deriv.; Aescin; Aescine; Aescusan; Ba 2672; Escusan; Eskuzan; Flebostasin Retard

Structure:



Molecular Formula:

$C_{55}H_{86}O_{24}$

Molecular weight:

1131.27

Source of Product:

N/A

Solubility:

DMSO (Slightly, Sonicated),
Ethanol (Slightly)

Lot Number: 1-CYJ-10-1

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Appearance	Light Beige to Brown Solid	Light Brown Solid

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	12/20/2021	12/18/2025