



CERTIFICATE OF ANALYSIS

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1. Identification

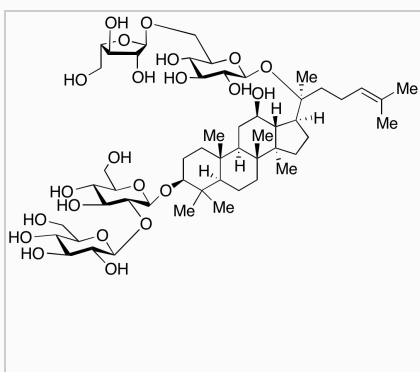
Catalogue Number: G410210

CAS Number: 11021-14-0

Product: Ginsenoside Rc

Synonym: (3 β ,12 β)-20-[(6-O- α -L-Arabinofuranosyl- β -D-glucopyranosyl)oxy]-12-hydroxydammar-24-en-3-yl 2-O- β -D-glucopyranosyl- β -D-glucopyranoside; NSC 310104; Panaxoside Rc

Structure:



Molecular Formula:

C₅₃H₉₀O₂₂

Molecular weight:

1079.27

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Pyridine (Slightly)

Lot Number: 2-EDT-63-1

Purity: 97%

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

Storage Condition: -20°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	Off-White to Pale Yellow Solid
HPLC Purity	Report Result	99.20% (ELSD)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.83, %H: 8.78
Water Content	Report Result	7.3% by Karl Fischer

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 $\pm$ 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	7/30/2021	7/28/2025