

Proteins

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Certificate of Analysis



Ginsenoside Ra3

Cat. No.: HY-N4259 CAS No.: 90985-77-6 Batch No.: 307994

Chemical Name: β -D-Glucopyranoside, (3 β ,12 β)-12-hydroxy-20-[(Ο- β -D-xylopyranosyl-(1 \rightarrow 3)-Ο- β -D-glucopyranos

yl-(1→6)-β-D-glucopyranosyl)oxy]dammar-24-en-3-yl 2-O-β-D-glucopyranosyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{59}H_{100}O_{27}$ **Molecular Weight:** 1241.41

Storage: -20°C, protect from light

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

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.24%

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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