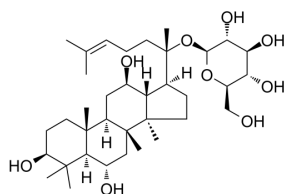


Certificate of Analysis

Product Name: Ginsenoside F1
Cat. No.: CS-3842
CAS No.: 53963-43-2
Batch No.: 65724
Chemical Name: β -D-Glucopyranoside, (3 β ,6 α ,12 β)-3,6,12-trihydroxydammar-24-en-20-yl (9Cl)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃₆H₆₂O₉
Molecular Weight: 638.87
Storage: Storage temp. 2-8°C
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 98.09%
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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