Proteins

Certificate of Analysis



Saikosaponin B3

Cat. No.: HY-N4219 CAS No.: 58316-42-0 Batch No.: 148501

Chemical Name: $\beta\text{-D-Galactopyranoside}, (3\beta,4\alpha,11\alpha,16\beta)\text{-}16,23,28\text{-trihydroxy-}11\text{-methoxyolean-}12\text{-en-}3\text{-yl }6\text{-deo}$

xy-3-O-β-D-glucopyranosyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{43}H_{72}O_{14}$ **Molecular Weight:** 813.02

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Off-white to light yellow (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.54%

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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