## **Certificate of Analysis**

## **Tumulosic acid**

Cat. No.: HY-N9366 CAS No.: 508-24-7 Batch No.: 252947

**Chemical Name:** Lanost-8-en-21-oic acid, 3,16-dihydroxy-24-methylene-,  $(3\beta,16\alpha)$ -

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{31}H_{50}O_4$ 486.73 Molecular Weight:

Storage: 4°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: <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 98.31%

The product has been tested and complies with the given specifications. Conclusion:

Caution: Product has not been fully validated for medical applications. For research use only.

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