## **Certificate of Analysis**

## (20S)-Protopanaxadiol

Cat. No.: HY-N0797 CAS No.: 30636-90-9 Batch No.: 335825

**Chemical Name:** Dammar-24-ene-3,12,20-triol, (3β,12β)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{30}H_{52}O_3$ 460.73 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.85%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA