## **Certificate of Analysis**

## Ingenol-3-palmitate

Cat. No.: HY-137242
CAS No.: 52557-26-3
Batch No.: 348990

Chemical Name: Hexadecanoic acid, (1aR,2S,5R,5aS,6S,8aS,9R,10aR)-1a,2,5,5a,6,9,10,10a-octahydro-5,5a-dihydr

oxy-4-(hydroxymethyl)-1,1,7,9-tetramethyl-11-oxo-1H-2,8a-methanocyclopenta[a]cyclopropa[e

]cyclodecen-6-yl ester

## PHYSICAL AND CHEMICAL PROPERTIES

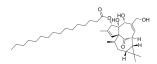
 $\begin{tabular}{lll} \begin{tabular}{lll} Molecular Formula: & $C_{36}H_{58}O_6$ \\ \begin{tabular}{lll} Molecular Weight: & $586.84$ \\ \end{tabular}$ 

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 



## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Oil)

<sup>1</sup> H 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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