Certificate of Analysis

HPPH

Cat. No.: HY-13722 149402-51-7 CAS No .: Batch No.: 112392

Chemical Name: 3-Phorbinepropanoic acid, 14-ethyl-9-[1-(hexyloxy)ethyl]-4,8,13,18-tetramethyl-20-oxo-, (3S,4S)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{39}H_{48}N_4O_4$ **Molecular Weight:** 636.82

Storage: 4°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

ANALYTICAL DATA

Light brown to black (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.73%

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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