Certificate of Analysis

2-Hydroxypalmitic acid

Cat. No.: HY-N7814 CAS No.: 764-67-0 Batch No.: 151402

Chemical Name: Hexadecanoic acid, 2-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{32}O_3$ 272.42 Molecular Weight:

Storage: Powder -20°C 3 years

> 4°C 2 years

-80°C 6 months In solvent

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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