Certificate of Analysis

Lignoceric acid

Cat. No.: HY-121883 CAS No.: 557-59-5 Batch No.: 381102

Chemical Name: Tetracosanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{48}O_2$ 368.64 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

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

Purity (NMR): ≥98.0%

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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