Certificate of Analysis

Heptadecanoic acid

Cat. No.: HY-W004284 CAS No.: 506-12-7 Batch No.: 281570

Chemical Name: Heptadecanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{34}O_2$ 270.45 Molecular Weight:

Storage: Pure form -20°C 3 years

> 2 years 4°C

In solvent 6 months -80°C

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (<59°C Solid,>61°C Liquid)

¹H NMR Spectrum: Consistent with structure MS: 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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