Certificate of Analysis

2-Fluoropalmitic acid

Cat. No.: HY-117651
CAS No.: 16518-94-8
Batch No.: 288563

Chemical Name: Hexadecanoic acid, 2-fluoro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{31}FO_2$ Molecular Weight: 274.41

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H 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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