Certificate of Analysis

Phytosphingosine

Cat. No.: HY-W011303 CAS No.: 554-62-1 Batch No.: 91475

Chemical Name: 1,3,4-Octadecanetriol, 2-amino-, (2S,3S,4R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{39}NO_3$ 317.51 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 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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