Certificate of Analysis

D-erythro-Sphingosine-d₇

Cat. No.: HY-101047S

CAS No.: 1246304-34-6

Batch No.: 287214

Chemical Name: 4-Octadecene-16,16,17,17,18,18,18-d7-1,3-diol, 2-amino-, (2S,3R,4E)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{30}D_7NO_2$

Molecular Weight: 306.54

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c} D \\ D \\ D \\ D \\ D \end{array} \begin{array}{c} OH \\ \\ NH_2 \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥99.0%
Isotopic Enrichment ≥99.0%

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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