Certificate of Analysis

3,4,5-Trihydroxycinnamic acid decyl ester

Cat. No.: HY-131999 CAS No.: 1770778-45-4 Batch No.: 101236

Chemical Name: 2-Propenoic acid, 3-(3,4,5-trihydroxyphenyl)-, decyl ester, (2E)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{28}O_5$ Molecular Weight: 336.42

Storage: Powder -20°C 3 years

2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 98.28%

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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