Certificate of Analysis



SM-102

Cat. No.: HY-134541 CAS No.: 2089251-47-6 Batch No.: 137218

Chemical Name: Octanoic acid, 8-[(2-hydroxyethyl)[6-oxo-6-(undecyloxy)hexyl]amino]-, 1-octylnonyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{44}H_{87}NO_5$ Molecular Weight: 710.17

Storage: Pure form -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: 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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