## **Certificate of Analysis**

## Lipid 5

Cat. No.: HY-138171 CAS No.: 2089251-33-0 Batch No.: 394443

**Chemical Name:** Octanoic acid, 8-[(2-hydroxyethyl)[8-(nonyloxy)-8-oxooctyl]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  $4^{\circ}\text{C}$

In solvent -80°C 6 months

1 month -20°C

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.28%

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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