

Certificate of Analysis

DPPC

Cat. No.: HY-109506 CAS No .: 63-89-8 Batch No.: 280013

Chemical Name: 3,5,9-Trioxa-4-phosphapentacosan-1-aminium, 4-hydroxy-N,N,N-trimethyl-10-oxo-7-[(1-oxohex

adecyl)oxy]-, inner salt, 4-oxide, (7R)-

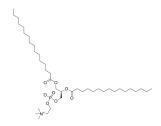
PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{40}H_{80}NO_8P$ **Molecular Weight:** 734.04

Storage: -20°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

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

Purity (HPLC): 99.84%

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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