

Certificate of Analysis

1,2-Dipalmitoyl-sn-glycero-3-phosphoethanolamine

| Cat. No.: | HY-W040268 |
|----------------|--|
| CAS No.: | 923-61-5 |
| Batch No.: | 311244 |
| Chemical Name: | Hexadecanoic acid, 1,1'-[(1R)-1-[[[(2-aminoethoxy)hydroxyphosphinyl]oxy]methyl]-1,2-ethanedi |
| | yl] ester |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₃₇ H ₇₄ NO ₈ P | | |
|--------------------|---|-------|----------|
| Molecular Weight: | 691.96 | | |
| Storage: | Powder | -20°C | 3 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

Chemical Structure:

ANALYTICAL DATA

| Appearance: | White to off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 98.14% |
| Conclusion: | The product has been tested and complies with the given specifications. |

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Proteins

Caution: Product has not been fully validated for medical applications. For research use only.

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