## **Certificate of Analysis**

## Sphingosine-1-phosphate

Cat. No.: HY-108496
CAS No.: 26993-30-6
Batch No.: 79745

Chemical Name: 4-Octadecene-1,3-diol, 2-amino-, 1-(dihydrogen phosphate), (2S,3R,4E)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{38}NO_5P$ Molecular Weight: 379.47

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:** 

 $\stackrel{\text{OH}}{\longrightarrow} \stackrel{\text{O}}{\longrightarrow} \stackrel{\text{P}}{\longrightarrow} \text{OH}$ 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity: ≥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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