

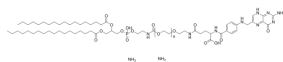
## DSPE-PEG-Folate (MW 3350)

Cat. No.: HY-144009  
CAS No.: 1236288-25-7  
Batch No.: 282778  
Chemical Name: Poly(oxy-1,2-ethanediyl),  $\alpha$ -[(9R)-6-hydroxy-6-oxido-1,12-dioxo-9-[(1-oxooctadecyl)oxy]-5,7,11-trioxo-2-aza-6-phosphanonacos-1-yl]- $\omega$ -[2-[[[(4S)-4-[[4-[[[(2-amino-3,4-dihydro-4-oxo-6-pteridinyl)methyl]amino]benzoyl]amino]-4-carboxy-1-oxobutyl]amino]ethoxy]-, ammonium salt (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{65}H_{114}N_{11}O_{16}P$   
Molecular Weight: 3400.00  
Storage: Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Yellow to brown (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
Purity (NMR):  $\geq 95.0\%$   
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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