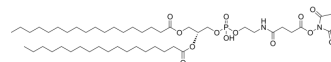


DSPE-NHS

Cat. No.:	HY-W441011
CAS No.:	1383932-86-2
Molecular Formula:	C ₄₉ H ₈₉ N ₂ O ₁₃ P
Molecular Weight:	945.21
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

DSPE-NHS is a bioconjugation phospholipid molecule with two hydrophobic lipid tails. The NHS-ester is reactive with N-terminal of protein/peptide or other amine molecule to form a stable amide linkage. DSPE-NHS is a self-assembling reagent which forms lipid bilayer in aqueous solution. DSPE-NHS can be used to prepare liposomes as agent nanocarrier^[1].

REFERENCES

[1]. Mikio Tatsutomi, et al. Preparation of a nitric oxide imaging agent from gelatin derivative micelles. Regen Ther. 2016 Sep 14;5:64-71.

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

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