

## DSPE-PEG-SPDP (MW 5000)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	DSPE-PEG-SPDP, MW 5000, is an amphiphilic polymer (PEG) capable of forming lipid bilayers in aqueous solutions. It is suitable for encapsulating therapeutic agents. The core can encapsulate hydrophilic substances like proteins/peptides and mRNA/DNA/siRNA, while the lipid bilayer can dissolve hydrophobic drugs such as doxorubicin and curcumin. The SPDP moiety can react with thiol molecules to form disulfide bonds. Reagent grade, for research use only.
Targets(IC50)	Liposome

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