

DSPE-PEG-Vinylsulfone (MW 1000)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Appearance:

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

Biological Description

Description

DSPE-PEG-Vinylsulfone, MW 1000, is an amphiphilic PEG reagent that spontaneously forms lipid bilayers. This compound can be utilized in the production of liposomes for the delivery of therapeutics, such as nucleic acids (mRNA/DNA) or proteins. The vinyl sulfone group reacts with cysteine or other thiol-containing molecules via a thiol-ene chemical reaction. It is reagent-grade and intended for research use only.

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