

## DSPE-PEG1-azide

### 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-PEG1-azide (DSPE-PEG1-N3) is a lipid-containing azide compound that can form micelles for use as drug delivery nanoparticles. It serves as a reagent for click chemistry and features azide groups that participate in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with alkyne-containing molecules. Additionally, it undergoes strain-promoted azide-alkyne cycloaddition reactions (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	Others

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