

## DSPE-PEG2000-Azide ammonium

## Chemical Properties

CAS No. : 1938081-40-3

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-PEG2000-Azide ammonium is a lipid-based azide compound used in forming micelles for nanoparticle drug delivery. It serves as a click chemistry reagent and includes an azide group that reacts with molecules containing an alkyne group through a copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC). Additionally, it can engage in a strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	Liposome

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