DSPE-PEG8-azide

Cat. No.: **SN-M-LM993**

Chemical Properties

Product Name	DSPE-PEG8-azide
Cat. No.	SN-M-LM993
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure

[Product Image]

Biological Description

DSPE-PEG8-azide (DSPE-PEG8-N3) is a lipid-containing azide used in forming micelles for nanoparticle-based drug delivery. As a click chemistry reagent, it features an azide group that participates in copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing alkyne groups. Additionally, it can undergo strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules bearing DBCO or BCN groups.

Related Products / Keywords

- DSPE-PEG8-azide

This product is a research reagent and must not be used for clinical validation or human therapeutic use.

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