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**Product Data Sheet**

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Product Name: DSPE-PEG-Azide (MW 2000)

Cat. No.: GC67667

**Chemical Properties**

Cas. No.

Formula M.Wt 2000(Average)

Solubility DMSO : 100 mg/mL (ultrasonic and warming and heat to 60°C); Ethanol : 1 mg/mL (ultrasonic and warming and heat to 60°C) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

DSPE-PEG-Azide (MW 2000) is an azide containing lipid that can be used to form micelles as nanoparticles for drug delivery<sup>[1]</sup>.

[1]. Matthew R Warren , et al. Milk exosomes with enhanced mucus penetrability for oral delivery of siRNA. Biomater Sci. 2021 Jun 15;9(12):4260-4277.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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