

DSPE-PEG(2000)-amine (sodium salt) Biochemical | DSPE-PEG(2000) biochemical

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CATALOG #
AAA227158

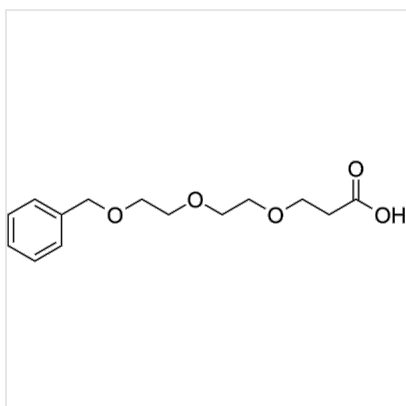
PRODUCT SYNONYMS

DSPE-PEG(2000)-amine (sodium salt); DSPE-PEG(2000) biochemical

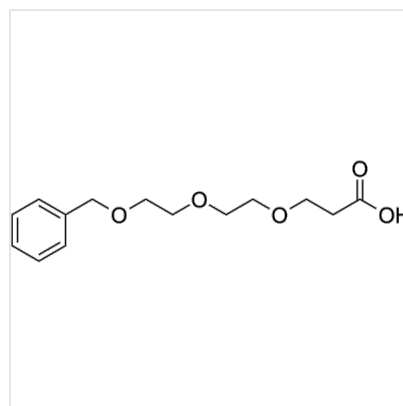
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: 11 mg/mL Ethanol: 20 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Benzyl-PEG3-acid, CAS 127457-63-0



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ADDITIONAL INFORMATION

Related Product Information for DSPE-PEG(2000) biochemical	DSPE-PEG(2000)-amine is a PEGylated derivative of 1,2-distearoyl-sn-glycero-3-PE. It has been used in the synthesis of solid lipid and thermosensitive liposomal nanoparticles for the delivery of anticancer agents. ^{1,2,3} DSPE-PEG(2000)-amine has also been used in the synthesis of fluorescein isothiocyanate-loaded mesoporous silica nanoparticles for imaging applications. ⁴ It can be conjugated to a variety of functional molecules for improved cellular targeting and uptake of DSPE-PEG(2000)-amine-containing nanoparticles. ^{4,5}
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.