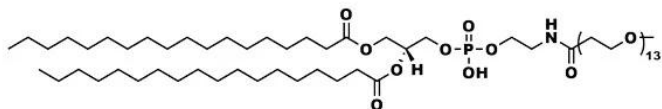


M-DPEG®₁₃-DSPE

SKU: QBD-10052



m-dPEG®₁₃-DSPE, product number QBD-10052, is composed of the lipid 1,2-Distearoyl-sn-glycero-3-phosphoethanolamine (DSPE), modified with a methoxy-terminated, single molecular weight, discrete polyethylene glycol (dPEG®). The medium-length (41 atoms, 47.1 Å) dPEG® spacer protects liposomes and micelles from opsonization and elimination by the reticuloendothelial system (RES).

Specifications

Unit Size	25 mg, 100 mg
Molecular Weight	1362.79; single compound
Chemical formula	C ₆₉ H ₁₃₆ NO ₂₂ P
CAS	N/A
Purity	> 98%
Spacers	dPEG® spacer is 41 atoms and 47.1 Å.
Shipping	Ambient
Typical solubility properties (for additional information contact Customer Support)	DCM, Ethyl acetate, Acetonitrile, Methanol, or MTBE

For research use only. Not intended for animal or human therapeutic or diagnostic use.

Storage and handling

-20°C; Always let come to room temperature before opening; be careful to limit exposure to moisture and restore under an inert atmosphere; stock solutions can be prepared with dry solvent and kept for several days (freeze when not in use). dPEG® pegylation compounds are generally hygroscopic and should be treated as such. This will be less noticeable with liquids, but the solids will become tacky and difficult to manipulate, if care is not taken to minimize air exposure.

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