



DOPC/CHOL/mPEG-DSPE Liposomes, Dansyl DOPE labeled

Catalog: DOPC-033L

PRODUCT INFORMATION

Name	DOPC/CHOL/mPEG-DSPE Liposomes, Dansyl DOPE labeled
Cat No.	DOPC-033L
Product Overview	<p>The liposomes are prepared by the extrusion method to 100nm with very tight particle size distribution. The product is sterile filtered and filled in sterile vials guaranteed to be stable for 6 months stored refrigerated. The phospholipid analog incorporating the environment-sensitive dans fluorophore, dansyl DOPE is a useful probe of lipid-water interfaces with excitation/emission maxima ~ 336/517 nm.</p> <p>Lipid composition: DOPC/CHOL/mPEG-DSPE/Dansyl - DOPE (49:45:5:1 mol/mol)</p> <p>Mean particle size: 100 nm (80-110 nm)</p>
Lipid Composition	DOPC; CHOL; mPEG-DSPE; Dansyl-DOPE
Application	Liposome production; Synthetic lipid
Storage Buffer	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.5 ± 0.2
Concentration	Lipid concentration: 50 mM (50-55 mM) Dansyl DOPE: 0.5 mM (0.50 mg/mL)
Stability	6 Month for unopened vials.
Storage	Store at 2-8 centigrade.
Synonyms	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol