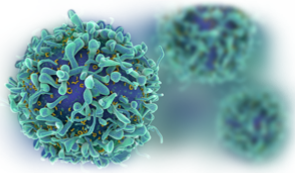

PEGylated DOPC/CHOL/mPEG-PE Liposomes, DiD l abeled

Catalog: DOPC-044L

PRODUCT INFORMATION

Name	PEGylated DOPC/CHOL/mPEG-PE Liposomes, DiD labeled
Cat No.	DOPC-044L
Product Overview	The fluorescent control liposomes contain the lipophilic dye DiD incorporated in the bilayers. It is used for trac king the cellular uptake of the liposomes by common methods like confocal, FACS, etc. The far-red fluorescen t, lipophilic carbocyanine DiD is a longer-wavelength DiI analog. It is an oil at room temperature and weakly f luorescent in water but highly fluorescent and quite photostable when incorporated into membranes. It has an e xtremely high extinction coefficient and short excited-state lifetimes (~1 nanosecond) in lipid environments. Lipid composition: DOPC/CHOL/mPEG-2000-DSPE (50:45:5 mol/mol) Mean particle size: 100 nm (85-110 nm)
Lipid Composition	DOPC; CHOL; mPEG-2000-DSPE
Application	Liposome production; Synthetic lipid
Storage Buffer	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.3 ± 0.2
Concentration	Lipid concentration: 50 mM (50-55 mM) DiD: 0.5 mM (0.48mg/mL)
Stability	6 Month for unopened vials.
Storage	Store at 2-8 centigrade.
Synonyms	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol

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