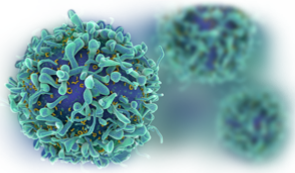

DOPC/CHOL Liposomes (100nm), DiD labeled

Catalog: DOPC-015L

PRODUCT INFORMATION

Name	DOPC/CHOL Liposomes (100nm), DiD labeled
Cat No.	DOPC-015L
Product Overview	The fluorescent control liposomes contain the lipophilic dye DiD incorporated in the bilayers. It is used for tracking the cellular uptake of the liposomes by common methods like confocal, FACS, etc. The far-red fluorescent, lipophilic carbocyanine DiD is a longer-wavelength DiI analog. It is an oil at room temperature and weakly fluorescent in water but highly fluorescent and quite photostable when incorporated into membranes. It has an extremely high extinction coefficient and short excited-state lifetimes (~1 nanosecond) in lipid environments. Lipid composition: DOPC/CHOL (54:45 mol/mol) Mean particle size: 100 nm (90-120 nm)
Lipid Composition	DOPC; CHOL
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

45-1 Ramsey Road, Shirley, NY 11967, USA Tel:1-631-317-1417 Fax:1-631-207-8356

Email: info@creative-biostructure.com