



DOPC/CHOL Liposomes (100nm), NBD-PE labeled

Catalog: DOPC-024L

PRODUCT INFORMATION

Name	DOPC/CHOL Liposomes (100nm), NBD-PE labeled
Cat No.	DOPC-024L
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, NBD-PE is labeled on the head group with the environment sensitive fluorophore, NBD (excitation/emission maxima ~463/536 nm).</p> <p>Lipid composition: DOPC/CHOL/NBD-PE (54:45:1 mol/mol)</p> <p>Mean particle size: 100 nm (90-120 nm)</p> <p>NBD - PE: N-(7-Nitrobenz-2-Oxa-1,3-Diazol-4-yl)-1,2-Dihexadecanoyl-sn-Glycero-3-Phosphoethanolamine, Triethylammonium Salt</p>
Lipid Composition	DOPC; CHOL; NBD-PE
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) NBD - PE: 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