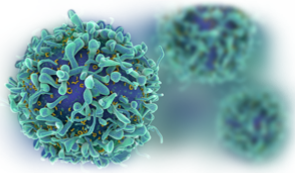

Lyophilized DOTAP/DOPC/CHOL/DSPE-mPEG2000 ATP Liposome, Rhod-lipid Labeled

Catalog: Lipo-245RG

PRODUCT INFORMATION

Name	Lyophilized DOTAP/DOPC/CHOL/DSPE-mPEG2000 ATP Liposome, Rhod-lipid Labeled
Cat No.	Lipo-245RG
Product Overview	The encapsulation of ATP in liposomes markedly promotes its effectiveness by preventing the hydrolysis by extracellular enzymes, increasing ATP circulation time and enhancing its intracellular penetration. ATP liposomes can be used in various models such as myocardial, liver, retina and wound healing ischemia. Studies have shown the ability of liposomal encapsulated ATP to prevent cell death and tissue dysfunction following ischemic events. The concentration of encapsulated ATP is 0.5μmol/vial.
Lipid Composition	DOTAP/DOPC/CHOL/DSPE-mPEG2000/Rhod-PE (0.9/0.075/0.435/0.075/0.015 μmol/vial) DOTAP: 1,2-dioleoyl-3-trimethylammonium-propane (chloride salt) DOPC: 1,2-dioleoyl-sn-glycero-3-phosphocholine CHOL: Cholesterol Rhod PE: 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(lissamine rhodamine B sulfonyl) (ammonium salt) (Rhod PE) DSPE-mPEG2000: 1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[methoxy(polyethyleneglycol)-2000] (ammonium salt)/CAS: 474922-77-5
Form	Lyophilized Powder
Storage Buffer	PBS, pH 7.4 with trehalose as lyoprotectant
Concentration	Lipid Concentration 1.5 μmol/vial
Stability	6 months
Storage	-20°C

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