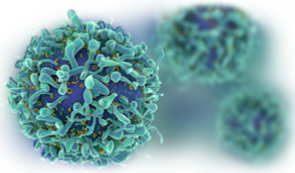

Lyophilized DOPG/DOPC/Chol/DSPE-mPEG2000 ATP Liposome, NBD-lipid Labeled

Catalog: Lipo-232RG

PRODUCT INFORMATION

Name	Lyophilized DOPG/DOPC/Chol/DSPE-mPEG2000 ATP Liposome, NBD-lipid Labeled
Cat No.	Lipo-232RG
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. Creative Biostructure could customize different DOPG/DOPC/CHOL ratio to meet your requirements. We can also manufacture empty lyophilized liposomes (without ATP) for control with the same lipid composition as your desired.
Lipid Composition	DOPG/DOPC/CHOL/DSPE-mPEG2000/NBD-PE (0.975/0.435/0.075/0.015; μmol/vial) DOPG: 1,2-dioleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt) DOPC: 1,2-dioleoyl-sn-glycero-3-phosphocholine CHOL: Cholesterol DSPE-mPEG2000: 1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[methoxy(polyethyleneglycol)- 2000] (ammonium salt)/CAS: 474922-77-5 Rhod PE: 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(lissamine rhodamine B sulfonyl) (ammonium salt) (Rhod PE)
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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