

Lyophilized DOPG/CHOL ATP Liposome, NBD-lipid Labeled

Catalog: Lipo-203RG

PRODUCT INFORMATION

Name	Lyophilized DOPG/CHOL ATP Liposome, NBD-lipid Labeled
Cat No.	Lipo-203RG
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	DOPG/CHOL/NBD-PE(1.05/0.435/ 0.015 μmol/vial) DOPG: 1,2-dioleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt) CHOL: Cholesterol NBD-PE: 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt) (NBD 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