



Lyophilized DOPG/CHOL/DSPE-mPEG2000 ATP Liposome

Catalog: Lipo-226RG

PRODUCT INFORMATION

Name	Lyophilized DOPG/CHOL/DSPE-mPEG2000 ATP Liposome
Cat No.	Lipo-226RG
Product Overview	<p>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.</p>
Lipid Composition	<p>DOPG/CHOL/DSPE-mPEG2000 (0.975/0.45/0.075; 1.5μmol/vial) DOPG: 1,2-dioleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt) CHOL: Cholesterol DSPE-mPEG2000: 1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[methoxy(polyethyleneglycol)-2000] (ammonium salt)/CAS: 474922-77-5</p>
Form	Lyophilized Powder
Storage Buffer	PBS, pH 7.4 with trehalose as lyoprotectant
Concentration	Lipid Concentration 1.5 μ mol/vial
Stability	6 months
Storage	-20°C
