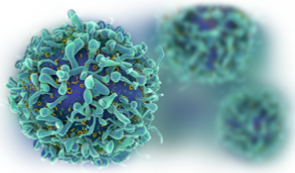

Lyophilized PS/CHOL/DSPE-mPEG2000 ATP Liposome, NBD-lipid Labeled

Catalog: Lipo-234RG

PRODUCT INFORMATION

Name	Lyophilized PS/CHOL/DSPE-mPEG2000 ATP Liposome, NBD-lipid Labeled
Cat No.	Lipo-234RG
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	PS/CHOL/DSPE-mPEG2000/NBD-PE (0.975/0.435/0.075/0.015 μmol/vial) PS: L-alpha-phosphatidylserine NBD PE: 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(7-nitro-2-1,3-benzoxadiazol-4-yl) (ammonium salt) (NBD PE) CHOL: Cholesterol 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

45-1 Ramsey Road, Shirley, NY 11967, USA Tel:1-631-317-1417 Fax:1-631-207-8356

Email: info@creative-biostructure.com