



Lyophilized PS ATP Liposome, Rhod-lipid Labeled

Catalog: Lipo-209RG

PRODUCT INFORMATION

| Name | Lyophilized PS ATP Liposome, Rhod-lipid Labeled |
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| Cat No. | Lipo-209RG |
| Product Overview | The encapsulation of ATP in liposomes markedly promotes its effectiveness by preventing the hydrolysis by e xtracellular enzymes, increasing ATP circulation time and enhancing its intracellular penetration. ATP liposom es can be used in various models such as myocardial, liver, retina and wound healing ischemia. Studies have sh own 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 | $PS/Rhod\ PE\ (1.485/0.015\ \mu mol/vial)\ PS:\ L-alpha-phosphatidylserine\ Rhod\ PE:\ 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(lissamine\ rhodamine\ B\ sulfonyl)\ (ammonium\ salt)\ (Rhod\ PE)$ |
| 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 |