



Lyophilized DOPG/CHOL ATP Liposome, Rhod-lipid Labeled

Catalog: Lipo-205RG

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PRODUCT INFORMATION

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Lipid Composition	DOPG/CHOL/Rhod PE (1.05/0.435/ 0.015 μ mol/vial) DOPG: 1,2-dioleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt) CHOL: Cholesterol 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 μ mol/vial
Stability	6 months
Storage	-20°C

USAGE GUIDELINES

General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to $\leq$ 3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.