



Product Information

Liver PC:Chol (70:30) liposomes

Cat. No.: X26-05-ZQ1818

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Liver PC/Chol (70:30) LPs; Liver PC:Chol 70:30 liposomes; Liver PC-Chol 70:30 LPs

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This standard formulation features natural liver phosphatidylcholine (Liver PC) and cholesterol (Chol) blended in an optimized 70:30 molar ratio. The vesicular architecture uses biological, high-purity liver phosphatidylcholine to establish a fluid liquid-crystalline lipid bilayer matrix at room temperature, while the addition of 30 mol% cholesterol acts as a fluidity modulator that fills the gaps between the diverse natural acyl chains. This structural integration increases the mechanical rigidity of the membrane, elevates the electrical breakdown resistance of the boundary, and significantly reduces the passive diffusion of water-soluble molecules from the internal aqueous reservoir.
Source	Custom synthesis
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Storage	Store at -20°C.