

Product Information

PC:cardiolipin (70:30) liposomes

Cat. No.: X26-05-ZQ1837

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

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

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

Product Information

Description	This specialized anionic membrane formulation features phosphatidylcholine (PC) and cardiolipin blended in an optimized 70:30 molar ratio. The vesicular architecture consists of a phosphatidylcholine-rich matrix base (70 mol% PC) interspersed with 30 mol% cardiolipin, embedding the tetra-acyl diphosphatidylglycerol structure within a zwitterionic background. This precise composition introduces a moderate negative surface charge profile and modifies membrane curvature, providing a valuable standard model for studying lipid domain formations and cardiolipin-dependent protein interactions.
Source	Custom synthesis
Functional Group	PC; Cardiolipin
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.