



Product Information

23:0 PC liposomes

Cat. No.: X26-05-ZQ1800

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

Synonym: 23:0 PC LPs; Tricosanoyl PC liposomes; 1,2-ditricosanoyl-sn-glycero-3-phosphocholine liposomes

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

Product Information

Description	This custom synthetic formulation features 23:0 PC liposomes composed exclusively of 1,2-ditricosanoyl-sn-glycero-3-phosphocholine, an ultra-long odd-chain saturated lipid. The vesicular structure self-assembles into an exceptionally rigid single-lipid bilayer profile with an elevated main phase transition temperature of approximately 75-77°C. Due to its unique ultra-long odd-chain hydrocarbon composition, it represents a highly specialized reference tool for mass spectrometry mapping and ultra-high temperature membrane structural evaluations.
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.