



Lyophilized 16:0 Diether PC Liposome

Catalog: Lipo-251RG

PRODUCT INFORMATION

Name Lyophilized 16:0 Diether PC Liposome

Cat No. Lipo-251RG

Product Overview

Ether lipids are a unique class of glycerophospholipids that have an alkyl chain attached to the sn-1 position by an ether bond (glycerol-ether lipids). Liposomes made from ether lipids exhibit very unique characteristics and performance. They are more stable over a wide range of acidic or alkaline pH, more stable towards degradation in oxidative conditions. Besides, they enhance the resistance against the attacks by other organism phospholipases based on the unusual stereochemistry of the glycerol backbone.

Lipid Composition

16:0 Diether PC: 1,2-di-O-hexadecyl-sn-glycero-3-phosphocholine (10mg/vial)

Form Lyophilized Powder

Storage Buffer PBS, pH 7.4 with trehalose as lyoprotectant

Concentration Lipid Concentration 10mg/vial

Stability 6 months

Storage -20°C
