



Cholesterol

Catalog: Lipo-470

Cholesterol is an essential lipid with an important structural role in building and maintaining cell membranes, modulating fluidity and permeability. Cholesterol is formed from lanosterol and is converted to bile in the liver. Abnormally high blood cholesterol levels are associated with cardiovascular disease.

PRODUCT INFORMATION

Product Name	Cholesterol
Catalog Number	Lipo-470
CAS	57-88-5
Product Overview	Cholesterol is an essential lipid with an important structural role in building and maintaining cell membranes, modulating fluidity and permeability. Cholesterol is formed from lanosterol and is converted to bile in the liver. Abnormally high blood cholesterol levels are associated with cardiovascular disease.
Purity	95%
Application	Liposome production
Molecular Mass	386.65
Storage	Store at 4°C or below.
Synonyms	57-88-5

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 ?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.