



DMPC-Cholesterol LNP, DMPC-cholesterol liposomes

Cat. No. R-ZZTBSSDL-07

Lot. No. (See product label)

Alias	DMPC-Chol (70-30, mol-mol) Liposomes
Appearance	Milky white to light yellow uniform suspension
Molecular Formula	N/A
Solubility	Can form stable colloidal dispersion system in aqueous medium
Storage	4°C, protected from light
Purity	95%+
Shelf Life	1 year
Shipping Condition	low temperature transport
Application	Liposome basic teaching and formula screening tools
Specification	10mg : Inquiry 20mg : Inquiry 50mg : Inquiry
Description	DMPC-Chol (70-30, mol-mol) Liposomes are non-PEGylated liposomes formulated using DMPC-Chol (70:30). This system uses dimyristoylphosphatidylcholine (DMPC, $T_m \approx 23^\circ\text{C}$) as the main phospholipid component. At physiological temperature, its lipid bilayer is in a liquid crystal state and has moderate membrane fluidity and permeability. The addition of 30 mol% cholesterol effectively regulates and stabilizes the arrangement of phospholipid molecules, enhances the mechanical strength of the double layer, reduces the drug leakage rate, and avoids phase transition instability caused by temperature

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Supplier

Xi'an Ruixi

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