HSPC-Cholesterol LNP,HSPC-cholesterol liposomes

Cat. No. R-ZZTBSSDL-08

Lot. No. (See product label)

Alias	HSPC-Chol (55-45, mol-mol) Liposomes
Appearance	Milky white homogeneous suspension
Molecular Formula	N/A
Solubility	Can form physically stable colloidal dispersion systems in aqueous media
Storage	4°C, protected from light
Purity	95%+
Shelf Life	1 year
Shipping Condition	low temperature transport
Application	Development of high-stability drug storage systems
Specification	10mg：Inquiry 20mg：Inquiry 50mg：Inquiry
Description	HSPC-Chol (55-45, mol-mol) Liposomes are highly stable non-PEGylated liposomes formulated using HSPC-Chol (55:45). This system uses hydrogenated soybean phosphatidylcholine (HSPC, Tm≈52-55°C) as the membrane matrix. Its saturated fatty acid chains form a highly ordered gel state at physiological temperature, and the membrane structure is tight and rigid. The high proportion of cholesterol of 45 mol% further fills the gaps between phospholipid molecules, enhances the density, mechanical strength and anti-permeability of the

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	double layer, and achieves long-term retention of encapsulated drugs.
Supplier	Xi'an Ruixi

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