



DSPC-DSPE-mPEG2000 LNP,DSPC-DSPE-mPEG2000 liposome

Cat. No. R-ZZTBSSDL-05

Lot. No. (See product label)

Alias	DSPC-DSPE-mPEG2000 (95-5, mol-mol) Liposomes
Appearance	Milky white to slightly blue translucent uniform dispersion system
Molecular Formula	N/A
Solubility	Forms a uniform and stable colloidal dispersion system in aqueous buffer
Storage	4°C, protected from light
Purity	95%+
Shelf Life	1 year
Shipping Condition	low temperature transport
Application	Precision ablation control system for cholesterol functional studies
Specification	10mg : Inquiry 20mg : Inquiry 50mg : Inquiry
Description	DSPC-DSPE-mPEG2000 (95-5, mol-mol) Liposomes are fully synthetic, cholesterol-free, high-purity PEGylated liposomes using the exact binary formulation of DSPC-DSPE-mPEG2000 (95:5). This system uses synthetic distearoylphosphatidylcholine (DSPC, $T_m \approx 55^\circ\text{C}$) as the only skeleton phospholipid, and its fully saturated symmetrical C18 alkyl chain forms a highly ordered and tightly arranged rigid gel membrane at physiological temperature. By incorporating 5 mol% DSPE-mPEG2000, a uniform polyethylene glycol hydration layer is

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constructed on the liposome surface, giving it certain "stealth" properties and steric stability.

Supplier

Xi'an Ruixi

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