



DOPC-DSPE-mPEG2000 LNP,DOPC-DSPE-mPEG2000 liposome

Cat. No. R-ZZTBSSDL-06

Lot. No. (See product label)

Alias	DOPC-DSPE-mPEG2000 (95-5, mol-mol) Liposomes
Appearance	Clear to slightly opalescent homogeneous dispersion
Molecular Formula	N/A
Solubility	Easy to self-assemble in aqueous medium to form a uniform and stable colloidal dispersion system
Storage	4°C, protected from light
Purity	95%+
Shelf Life	1 year
Shipping Condition	low temperature transport
Application	Development of cell membrane biomimetic carriers and fusion delivery systems
Specification	10mg : Inquiry 20mg : Inquiry 50mg : Inquiry
Description	DOPC-DSPE-mPEG2000 (95-5, mol-mol) Liposomes are highly fluid phospholipid-based PEGylated liposomes using a binary formulation of DOPC-DSPE-mPEG2000 (95:5). This system uses dioleoylphosphatidylcholine (DOPC) as the main phospholipid. Its unsaturated oleoyl chain (C18:1) gives the lipid membrane an extremely low phase transition temperature (about -20°C), and it is a highly fluid liquid disordered state under physiological conditions. By

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incorporating 5 mol% DSPE-mPEG2000, a stable PEG hydration layer is formed on the liposome surface.

Supplier

Xi'an Ruixi

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