



Dipalmitoylphosphatidylcholine lipid nanoparticles

Cat. No. LNP-158

Lot. No. (See product label)

Product Name	Dipalmitoylphosphatidylcholine lipid nanoparticles
Alias	DPPC-LNP; DPPC-lipid nanoparticle
Size	1 g; 5 g; 10 g
Appearance	Dispersion/lyophilized powder/freeze-thawable dispersion
Solubility	Pure water dispersion
Description	DPPC, the full name of dipalmitoylphosphatidylcholine, is an important phospholipid compound with a unique structure consisting of two palmitic acid molecules connected to the glycerol skeleton of a phosphatidylcholine molecule through an ester bond. This special chemical structure gives DPPC a series of physical and chemical properties.
Applications	Hydrophilic/hydrophobic drug delivery
Storage	4°C (Dispersion)/-20°C (lyophilized powder and freeze-thawable dispersion)
Purity	95%+
Shelf Life	1 Month (dispersion)/3-6 months (lyophilized powder)/6-12 months (freeze-thawable dispersion)
Shipping Condition	Low temperature transport

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