



Dipalmitoylphosphatidylethanolamine lipid nanoparticles

Cat. No. LNP-157

Lot. No. (See product label)

Product Name	Dipalmitoylphosphatidylethanolamine lipid nanoparticles
Alias	DPPE-LNP; DPPE-lipid nanoparticle
Size	1 g; 5 g; 10 g
Appearance	Dispersion/lyophilized powder/freeze-thawable dispersion
Solubility	Pure water dispersion
Description	DPPE-LNP, the main components of dipalmitoylphosphatidylethanolamine lipid nanoparticles: dipalmitoylphosphatidylethanolamine, cholesterol ($\pm$), lipid nanoparticles are composed of phospholipid bilayers, in which DPPE, as one of the main phospholipid compounds, forms a stable lipid nanoparticle structure together with other phospholipid compounds.
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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