



Lecithin lipid nanoparticles

Cat. No. LNP-160

Lot. No. (See product label)

Product Name	Lecithin lipid nanoparticles
Alias	PC-LNP; Lecithin lipid nanoparticle
Size	1 g; 5 g; 10 g
Appearance	Dispersion/lyophilized powder/freeze-thawable dispersion
Solubility	Pure water dispersion
Description	Lecithin lipid nanoparticles are small closed vesicles with a bilayer structure formed from lecithin and other phospholipid compounds in water. Its structural characteristics are a hydrophilic group composed of a phosphate group and a quaternary ammonium salt group, and a lipophilic group composed of two longer hydrocarbon groups. This structure makes lecithin lipid nanoparticles have good biocompatibility and can be used as drug carriers.
Applications	Nanoparticle delivery
Storage	-20°C, protected from light
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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