



Product Information

Nucleic acid vaccine liposomes

Cat. No.: X26-05-ZQ2540

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Nucleic acid vaccine LPs; Nucleic acid vaccine liposomal formulations; mRNA/DNA vaccine liposomes

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This high-purity genetic reference formulation features nucleic acid vaccine liposomes engineered as an optimization template. The vesicular matrix self-assembles from a precise molecular blend of cationic lipids, helper phospholipids, cholesterol, and pegylated lipids, complex-condensing single-stranded messenger RNA or DNA vaccine sequences entirely within its layered aqueous domains. This tight molecular packing isolates the polyanionic nucleotide chains from direct water contact channels, completely shielding the active core from rapid chemical or enzymatic hydrolysis while maintaining high baseline colloidal parameters under ambient laboratory setup indices.
Source	Custom synthesis
Functional Group	Vaccine mRNA or plasmid DNA
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Storage	Store at -20°C.