

Product Information

VEC-5 liposomes

Cat. No.: X26-05-ZQ1333

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

Synonym: VEC-5 LPs; VEC-5 loaded liposomes; VEC-5 liposomal nanoparticles

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

Product Information

Description	This product features VEC-5 liposomes structured to encapsulate a specific hydrophobic compound within a stable, sub-micron vesicle framework. The lipid matrix consists of high-purity phosphatidylcholine and cholesterol engineered to form a low-permeability bilayer shell around the active core. This structural setup helps prevent premature phase separation and chemical oxidation of the VEC-5 cargo in open laboratory media. The resulting colloidal suspension exhibits a highly uniform spherical morphology and high physical stability.
Source	Custom synthesis
Functional Group	VEC-5
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.