



Product Information

Cationic liposomal vancomycin

Cat. No.: X26-05-ZQ1052

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

Synonym: Cationic vancomycin liposomes; Cationic vancomycin LPs; Vancomycin-loaded cationic liposomes

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

Product Information

Description	This formulation provides cationic liposomal vancomycin featuring a strongly positive surface charge profile. The structural matrix incorporates a high proportion of cationic lipids into a phosphatidylcholine bilayer that encapsulates the large, hydrophilic glycopeptide antibiotic vancomycin within its central aqueous core. This positive surface charge is engineered to facilitate electrostatic adsorption onto negatively charged model membranes and substrates. The structural integrity of the lipid shell isolates the glycopeptide from physical denaturation in laboratory test environments.
Source	Custom synthesis
Functional Group	Cationic lipid; Vancomycin
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.