



## Product Information

### Vancomycin cationic multivesicular liposomes

**Cat. No.:** X26-05-ZQ2547

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

**Synonym:** Vancomycin cationic MVLs; Vancomycin cationic multivesicular LPs; Cationic multivesicular vancomycin liposomes

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

#### Product Information

<b>Description</b>	This complex multi-compartment formulation features vancomycin loaded cationic multivesicular liposomes. The structural architecture consists of a unique non-concentric lipid matrix containing multiple internal aqueous chambers separated by a network of internal lipid bilayers, incorporating a precise fraction of cationic lipids to establish a positive surface charge topography. This multivesicular layout encapsulates the hydrophilic glycopeptide vancomycin within its internal chambers, utilizing its complex inner matrix to create high mass transfer resistance that completely modulates passive diffusion under ambient laboratory conditions.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Vancomycin; Cationic multivesicular lipid matrix
<b>Form</b>	Solid or powder
<b>Purity</b>	≥95%
<b>Impurities</b>	No visible impurities to the naked eye.
<b>Identity</b>	HPLC/MS/NMR
<b>Stability</b>	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Storage</b>	Store at -20°C.