

## Product Information

### Heart PC liposomes

**Cat. No.:** X26-05-ZQ1819

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

**Synonym:** Heart PC LPs; Heart phosphatidylcholine liposomes; Heart-derived PC liposomes

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

#### Product Information

<b>Description</b>	This standard reference formulation features single-component fluid vesicles composed entirely of high-purity natural heart phosphatidylcholine (Heart PC). The vesicular architecture self-assembles into a highly fluid liquid-crystalline lipid bilayer matrix at room temperature owing to its naturally diverse mixture of saturated and unsaturated fatty acid chains derived from bovine heart tissue, which features a prominent concentration of ether-linked lipids and plasmalogens. This specialized natural matrix forms a flexible membrane boundary that exhibits distinct surface properties and baseline parameters, making it an ideal choice for physical chemical modeling assays.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Heart PC
<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.