

## Product Information

### Cisplatin-loaded liposomes

**Cat. No.:** X26-05-ZQ2563

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

**Synonym:** Cisplatin-loaded LPs; Cisplatin liposomes; Cisplatin liposomal formulations

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

#### Product Information

<b>Description</b>	This formulation features cisplatin liposomes engineered to encapsulate an inorganic square-planar coordination complex within a stable vesicle matrix. The structural matrix encapsulates the heavy metal complex cisplatin entirely within its central aqueous reservoir, utilizing a rigid phospholipid-cholesterol bilayer shell to isolate the cargo. This configuration isolates the heavy metal coordination complex from premature chemical dissociation and water-mediated hydrolysis, establishing a stable reference standard for monitoring cargo retention and membrane permeability profiles under cell-free laboratory setups.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Cisplatin
<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.