



## Product Information

### Fructose liposomes

**Cat. No.:** X26-05-ZQ2634

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

**Synonym:** Fructose LPs; Fructose-loaded liposomes; Fructose-modified liposomes

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

#### Product Information

<b>Description</b>	This carbohydrate-modified formulation features fructose-functionalized liposomes. The vesicle architecture utilizes a stable phospholipid-cholesterol bilayer shell whose exterior boundary is surface-modified with specific fructose monosaccharide residues linked <i>via</i> covalent lipid anchors. This precise modification alters the surface hydration parameters and introduces a dense target-mimetic carbohydrate interface, completely preventing physical vesicle aggregation while leaving the internal aqueous reservoir completely empty.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Fructose
<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.