

Product Information

Glucose liposomes

Cat. No.: X26-05-ZQ2669

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

Synonym: Glucose LPs; Glucosylated liposomes; Glucose-modified liposomes

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

Product Information

Description	This carbohydrate-modified formulation features glucose-functionalized liposomes. The vesicle architecture utilizes a stable phospholipid-cholesterol bilayer shell whose exterior boundary is surface-modified with specific glucose 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.
Source	Custom synthesis
Functional Group	Glucose
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.