



Product Information

Sucrose liposomes

Cat. No.: X26-05-ZQ2602

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

Synonym: Sucrose LPs; Sucrose-loaded liposomes; Sucrose liposomal vesicles

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

Product Information

Description	This uniform formulation features sucrose loaded liposomes engineered as an osmotic pressure and density calibration standard. The vesicle architecture utilizes a high-purity phospholipid-cholesterol bilayer shell encapsulating a precise concentration baseline of the disaccharide sucrose entirely within its central aqueous reservoir. This specific configuration establishes a defined density gradient and intra-vesicular osmotic equilibrium, serving as an exceptional reference material for tracking mechanical membrane deformation and osmotic water permeability under variable laboratory buffer conditions.
Source	Custom synthesis
Functional Group	Sucrose
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.