



## Product Information

### BSA-loaded liposomes

**Cat. No.:** X26-05-ZQ2526

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

**Synonym:** BSA-loaded LPs; BSA-encapsulated liposomes; Bovine serum albumin liposomal nanoparticles

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

#### Product Information

<b>Description</b>	This biomimetic proteoliposome material features bovine serum albumin encapsulated liposomes. The macromolecular architecture consists of a high-purity phospholipid-cholesterol bilayer shell that encapsulates the water-soluble globular model protein bovine serum albumin (BSA) entirely within its central aqueous reservoir. This precise configuration shields the active polypeptide loops and tertiary protein structures from premature chemical cleavage or rapid denaturing unfoldings in open laboratory setups, while completely preventing macromolecular self-aggregation or rapid phase separation across the lipid boundary.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Bovine serum albumin (BSA)
<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.