



Product Information

Brain PS liposomes

Cat. No.: X26-05-ZQ1799

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

Synonym: Brain PS LPs; Brain phosphatidylserine liposomes; Brain-derived PS liposomes

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

Product Information

Description	This specialized formulation features single-component anionic vesicles composed of high-purity porcine brain phosphatidylserine (Brain PS). The vesicular architecture self-assembles into a highly fluid lipid bilayer matrix at room temperature that presents a strongly negative surface charge profile due to the carboxyl and amino groups on the serine headgroups. This uniform negative charge density provides an advanced biomimetic interface that exhibits high sensitivity to divalent cations, which can induce structural membrane folding, phase separation, or vesicle fusion.
Source	Custom synthesis
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.