



Product Information

Poly(amidoamine) dendrimer liposomes

Cat. No.: X26-05-ZQ2564

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

Synonym: PAMAM dendrimer LPs; PAMAM dendrimer liposomes; Poly(amidoamine) dendrimer-liposome hybrids

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

Product Information

Description	This advanced hybrid material features poly(amidoamine) dendrimer-functionalized liposomes. The complex structural framework consists of highly branched, symmetric poly(amidoamine) (PAMAM) dendrimer macromolecules complexed inside or surface-bound to a high-purity phospholipid vesicle shell. This configuration couples the rigid, multi-surface amine array of a spherical polymer dendrimer with the flexible fluid dynamics of a lipid envelope, establishing a robust structural network that alters overall membrane elasticity and surface charge topography while completely preventing physical vesicle aggregation.
Source	Custom synthesis
Functional Group	PAMAM dendrimer; Phospholipids
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.