



Product Information

FAM-labeled liposomes

Cat. No.: X26-05-ZQ2534

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

Synonym: FAM-labeled LPs; FAM-tagged liposomes; Fluorescein-labeled liposomal nanoparticles

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

Product Information

Description	This high-purity synthetic tracking reference formulation features 5-carboxyfluorescein labeled liposomes. The vesicular matrix self-assembles from a high-purity phospholipid-cholesterol blend without containing active drug cargo, incorporating a precise molecular fraction of the visible green fluorophore 5-carboxyfluorescein (FAM) linked directly to lipid headgroup anchors. This controlled composition provides a highly consistent lipid phase bilayer framework paired with sharp green fluorescence emission parameters, completely preventing physical vesicle aggregation while serving as a baseline optical standard.
Source	Custom synthesis
Functional Group	Carboxyfluorescein (FAM) tracer
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.