



Product Information

FITC-labeled liposomes

Cat. No.: X26-05-ZQ2537

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

Synonym: FITC-labeled LPs; FITC-tagged liposomes; Fluorescein isothiocyanate labeled liposomes

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 fluorescein isothiocyanate 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 green fluorophore fluorescein isothiocyanate (FITC) 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 Fluorescein isothiocyanate (FITC)

Form Solid or powder

Purity $\geq 95\%$

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 .