



Product Information

CY7-labeled liposomes

Cat. No.: X26-05-ZQ2538

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

Synonym: Cy7-labeled LPs; Cy7-tagged liposomes; Cy7 near-infrared fluorescent 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 cyanine 7 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 near-infrared fluorophore cyanine 7 (Cy7) linked directly to lipid headgroup anchors. This controlled composition provides a highly consistent lipid phase bilayer framework paired with long-wavelength near-infrared fluorescence tracking handles, completely preventing physical vesicle aggregation while serving as a baseline optical standard.
Source	Custom synthesis
Functional Group	Cy7
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.