



Product Information

ICG liposomes

Cat. No.: X26-05-ZQ2542

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

Synonym: ICG LPs; Indocyanine green liposomes; ICG-loaded liposomal nanoparticles

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

Product Information

Description	This specialized near-infrared tracking reference formulation features liposome-encapsulated indocyanine green. The vesicle architecture incorporates the hydrophilic tricarboxylic dye indocyanine green (ICG) entirely within the central aqueous reservoir and internal polar headgroup regions of a high-purity phospholipid bilayer shell. This precise configuration shields the photosensitive polycyclic core from rapid chemical photo-bleaching and thermal degradation in open laboratory setups, while introducing intense near-infrared optical absorbance and long-wavelength emission tracking parameters to the vesicle boundary.
Source	Custom synthesis
Functional Group	Indocyanine green (ICG)
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.