



## Product Information

### Chlorin e6 liposomes

**Cat. No.:** X26-05-ZQ2585

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

**Synonym:** Chlorin e6 LPs; Ce6 liposomes; Chlorin e6-loaded liposomal nanoparticles

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

#### Product Information

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| <b>Description</b>      | This specialized tracking formulation features chlorin e6 loaded liposomes. The vesicular architecture incorporates the macrocyclic photosensitizer chlorin e6 entirely within the lipophilic hydrocarbon tail regions and internal polar headgroup zones of a high-purity phospholipid bilayer shell. This configuration introduces distinct visible to near-infrared optical absorbance and emission tracking parameters, providing an advanced visual trace that shields the photosensitive macrocycle from rapid aggregation and chemical photo-bleaching in open laboratory testing media. |
| <b>Source</b>           | Custom synthesis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Functional Group</b> | Chlorin e6 (Ce6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Solid or powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>           | ≥95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Impurities</b>       | No visible impurities to the naked eye.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Identity</b>         | HPLC/MS/NMR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Stability</b>        | This product is stable for one year when stored at the recommended temperature in lyophilized powder.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Quality Level</b>    | Research grade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -20°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |