

## Product Information

### Fluorouracil liposomes

**Cat. No.:** X26-05-ZQ1893

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

**Synonym:** Fluorouracil LPs; FU liposomes; Fluorouracil-loaded liposomes

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

#### Product Information

<b>Description</b>	This formulation features fluorouracil liposomes engineered to encapsulate a hydrophilic fluorinated pyrimidine antimetabolite within a stable vesicle matrix. The structural matrix incorporates the active compound fluorouracil within the central aqueous core of a high-purity phospholipid bilayer, utilizing a precise lipid-to-cholesterol ratio to maintain a low membrane permeability profile. This configuration protects the pyrimidine structure from premature chemical precipitation and controls passive drug leakage across the lipid membrane interface under ambient laboratory conditions.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	5-Fluorouracil
<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.