



# PEGylated Liposomal Doxorubicin HCl (2.0mg/mL)

Catalog: DOX-070L

## PRODUCT INFORMATION

<b>Name</b>	PEGylated Liposomal Doxorubicin HCl (2.0mg/mL)
<b>Cat No.</b>	DOX-070L
<b>Product Overview</b>	<p>Doxorubicin HCl is loaded into PEGylated liposomes with ammonium gradient by the active loading approach. The liposomes are prepared to high quality with consistent lot-lot characteristics. Narrow particle size distribution and high drug encapsulation efficiency. Note we also carry a high drug concentration (4.0 mg/mL) version of this product.</p> <p>Lipid composition: HSPC/CHOL/mPEG2000-DSPE (56.2:38.5:5.3 mol/mol)</p> <p>Encapsulation efficiency:&gt; 95% (typically 98%)</p> <p>Mean particle size: 85 nm (80 - 90 nm)</p>
<b>Lipid Composition</b>	HSPC/CHOL/mPEG2000-DSPE
<b>Active Ingredients</b>	Doxorubicin HCl
<b>Application</b>	Liposome production; Synthetic lipid
<b>Storage Buffer</b>	<p>Loading battery: 250 mM ammonium sulfate</p> <p>External solution: 10% sucrose, 10 mM histidine, pH 6.5</p>
<b>Concentration</b>	<p>Lipid concentration: 20.0 mM</p> <p>Doxorubicin HCl: 2.0 mg/mL</p>
<b>Stability</b>	6 Month for unopened vials.
<b>Storage</b>	Store at 2-8 centigrade.
<b>Synonyms</b>	HSPC; hydrogenated phosphatidylcholine (Soy); CHOL; cholesterol; mPEG2000-DSPE