



# PEGylated Liposomal Doxorubicin HCl (4.0mg/mL)

Catalog: DOX-071L

## PRODUCT INFORMATION

Name	PEGylated Liposomal Doxorubicin HCl (4.0mg/mL)
Cat No.	DOX-071L
Product Overview	<p>Doxorubicin HCl is loaded into PEGylated liposomes composed of HSPC/CHOL/mPEG2000-DSPE (56.2:38.5:5.3 mol/mol) with ammonium gradient by the active loading approach. The liposomes are prepared to very high quality with consistent lot-lot characteristics. Narrow particle size distribution and high drug encapsulation efficiency.</p> <p>Lipid composition: HSPC/CHOL/mPEG2000-DSPE (56.2:38.5:5.3 mol/mol)</p> <p>Mean particle size: 85 nm (80 - 90 nm)</p> <p>Encapsulation efficiency:&gt; 95% (typically 98%)</p>
Lipid Composition	HSPC/CHOL/mPEG2000-DSPE
Active Ingredients	Doxorubicin HCl
Application	Liposome production; Synthetic lipid
Storage Buffer	External solution: 10% sucrose, 10 mM histidine, pH 6.5
Concentration	Lipid concentration: 40.0 mM Doxorubicin HCl: 4.0 mg/mL
Stability	6 Month for unopened vials.
Storage	Store at 2-8 centigrade.
Synonyms	HSPC; hydrogenated phosphatidylcholine (Soy); CHOL; cholesterol; mPEG2000-DSPE