



PEGylated Liposomal Doxorubicin HCl (2.0mg/mL)

Catalog: DOX-070L

PRODUCT INFORMATION

Name	PEGylated Liposomal Doxorubicin HCl (2.0mg/mL)
Cat No.	DOX-070L
Product Overview	<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:> 95% (typically 98%)</p> <p>Mean particle size: 85 nm (80 - 90 nm)</p>
Lipid Composition	HSPC/CHOL/mPEG2000-DSPE
Active Ingredients	Doxorubicin HCl
Application	Liposome production; Synthetic lipid
Storage Buffer	<p>Loading buffer: 250 mM ammonium sulfate</p> <p>External solution: 10% sucrose, 10 mM histidine, pH 6.5</p>
Concentration	<p>Lipid concentration: 20.0 mM</p> <p>Doxorubicin HCl: 2.0 mg/mL</p>
Stability	6 Month for unopened vials.
Storage	Store at 2-8 centigrade.
Synonyms	HSPC; hydrogenated phosphatidylcholine (Soy); CHOL; cholesterol; mPEG2000-DSPE