



## ProFoldin

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# INSTRUCTIONS

## ProFoldin Liposomal Ciprofloxacin

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DPPC Liposomal Ciprofloxacin – 2 mg

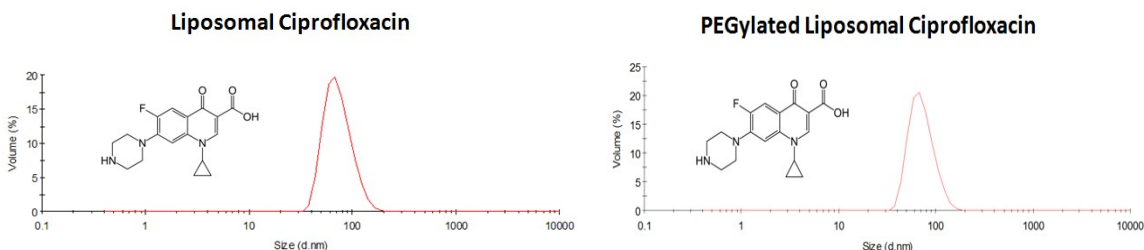
DPPC002CP

PEGylated HSPC Liposomal Ciprofloxacin – 2 mg

PHPC002CP

### INTRODUCTION

Both the non-PEGylated and PEGylated liposomal ciprofloxacin contains 1 mg/ml ciprofloxacin. The ciprofloxacin encapsulation percentage is more than 95 %. The lipids for Non-PEGylated liposome (**DPPC Liposomal Ciprofloxacin, Catalog No DPPC002CP**) are composed of 1,2-dipalmitoyl-sn-glycero-3-phosphocholine (DPPC) and cholesterol at a mass ratio of DPPC: Cholesterol of 1.9:1. The lipids for the PEGylated liposome (**PEGylated HSPC Liposomal Ciprofloxacin, Catalog No PHPC002CP**) are composed of hydrogenated soy phosphocholine (HSPC), 1,2-distearoyl-*sn*-glycero-3-phosphoethanolamine-N-[methoxy(polyethylene glycol)-2000] (DSPE-PEG2000) and cholesterol at a mass ratio of HSPC: DSPE: Cholesterol of 3:1:1. The average size of liposomes is about 80 nm with poly dispersity index (dpi) of 0.1.



The **DPPC Liposomal Ciprofloxacin- 2 mg (Catalog No. DPPC002CP)** contains 2 ml of liposomal ciprofloxacin at concentrations of 1 mg/ml ciprofloxacin and 23 mg/ml of lipids composed of HSPC and cholesterol.

The **PEGylated HSPC Liposomal Ciprofloxacin- 2 mg (Catalog No. PHPC002CP)** contains 2 ml of liposomal ciprofloxacin at concentrations of 1 mg/ml ciprofloxacin and 18 mg/ml of lipids composed of DSPE-PEG2000, HSPC and cholesterol.

### RELATED PRODUCTS

#### Liposome products:

PHPC002DX	PEGylated Liposomal Doxorubicin - 2 mg
PHPC100AS	Ready-to-load PEGylated HSPC Liposomes with Ammonium Sulfate -100 mg
DPC100AS	Ready-to-load DPPC Liposomes with Ammonium Sulfate - 100 mg
SLP20	Spin-columns for Liposome Purification

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LDE10	Liposome Drug Encapsulation Assay Kit
LDD05	Liposome Drug Dissolution Assay Kit
SPS20	Liposome Plasma Stability Test Kit
DPC001AO	Liposomal Acridine Orange Dye
PHC001AO	PEGylated Liposomal Acridine Orange Dye - 1 ml
DPC001RG	Liposomal Rhodamine G Dye
DPC001FL	Liposomal Fluorescein Dye

### Nanodisc products:

SMA31-100MG Styrene - Maleic Acid Copolymer 3:1 Free Acid- 100 mg

SMA31S-100MG Styrene - Maleic Acid Copolymer 3:1 Sodium Salt- 100 mg

### Detergent and lipid products:

DAK1000 Detergent assay kit

LIP1000 MicroGram Lipid Assay Kit

For more information of liposome and nanodisc products, please visit our website at [www.profoldin.com](http://www.profoldin.com).