



ProFoldin

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INSTRUCTIONS

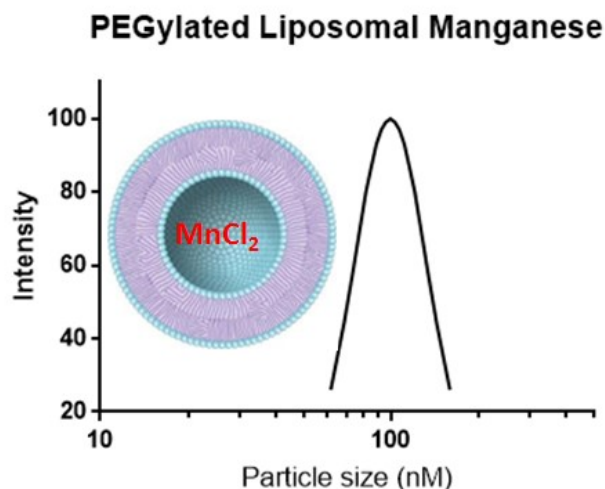
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PEGylated Liposomal Manganese

Catalog No. PHPC002MN

INTRODUCTION

Liposomal manganese is designed for delivery of manganese across the cell membranes. Manganese chloride at an internal concentration of 15 mM is encapsulated in the liposome. The external manganese concentration is 0.5 mM. To ensure the delivery efficiency, the lipid composition of the liposomal manganese is the same as that for a liposomal drug in clinic which is HSPC: DSPE-PEG2000: cholesterol (3:1:1, mass ratio). The average size of liposomes is about 110 nm.



The **PEGylated Liposomal Manganese (Catalog No. PHPC002MN)** includes 2 ml of 15 mM MnCl₂ encapsulated in 7 mg/ml PEGylated liposomes. The external solution is 0.1 M NaCl.

RELATED PRODUCTS

Liposome products:

SLP20	Spin-columns for Liposome Purification
LDE10	Liposome Drug Encapsulation Assay Kit
LDD05	Liposome Drug Dissolution Assay Kit
SPS20	Liposome Plasma Stability Test Kit
PHPC002DX	PEGylated Liposomal Doxorubicin- 2 mg
PHPC002CP	PEGylated Liposomal Ciprofloxacin - 2 mg
DPC002CP	Liposomal Ciprofloxacin - 2 mg
DPC001AO	Liposomal Acridine Orange Dye
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PHC001AO	PEGylated Liposomal Acridine Orange Dye - 1 ml
DPC001RG	Liposomal Rhodamine G Dye
DPC001FL	Liposomal Fluorescein Dye
DPC002MG	Liposomal Magnesium
DPC002CA	Liposomal Calcium
PHPC002SF	PEGylated Liposomal Sulfate
PHPC002PS	PEGylated Liposomal Phosphate
PHPC002AR	PEGylated Liposomal Arginine
PHPC002KI	PEGylated Liposomal Iodide
PHPC002K	PEGylated Liposomal Potassium
PHPC002CU	PEGylated Liposomal Copper
PHPC002CO	PEGylated Liposomal Cobalt
PHPC002ZN	PEGylated Liposomal Zinc
PHPC002CL	PEGylated Liposomal Chloride
PHPC002HS	PEGylated Liposomal Histidine
PHPC002EDTA	PEGylated Liposomal EDTA
PHPC100AS	Ready-to-load PEGylated HSPC Liposomes with Ammonium Sulfate -100 mg
DPC100AS	Ready-to-load DPPC Liposomes with Ammonium Sulfate - 100 mg

Nanodisc products:

SMA21-100MG	Styrene - Maleic Acid Copolymer 2:1 Free Acid- 100 mg
SMA21-500MG	Styrene - Maleic Acid Copolymer 2:1 Free Acid - 500 mg
SMA21-5000MG	Styrene - Maleic Acid Copolymer 2:1 Free Acid - 5000 mg
SMA21-25G	Styrene - Maleic Acid Copolymer 2:1 Free Acid - 25 g
SMA21S-100MG	Styrene - Maleic Acid Copolymer 2:1 Sodium Salt- 100 mg
SMA21S-500MG	Styrene - Maleic Acid Copolymer 2:1 Sodium Salt - 500 mg
SMA21S-5000MG	Styrene - Maleic Acid Copolymer 2:1 Sodium Salt - 5000 mg
SMA21S-25G	Styrene - Maleic Acid Copolymer 2:1 Sodium Salt - 25 g
SMA31-100MG	Styrene - Maleic Acid Copolymer 3:1 Free Acid- 100 mg
SMA31-500MG	Styrene - Maleic Acid Copolymer 3:1 Free Acid - 500 mg
SMA31-5000MG	Styrene - Maleic Acid Copolymer 3:1 Free Acid - 5000 mg
SMA31-25G	Styrene - Maleic Acid Copolymer 3:1 Free Acid - 25 g
SMA31S-100MG	Styrene - Maleic Acid Copolymer 3:1 Sodium Salt- 100 mg
SMA31S-500MG	Styrene - Maleic Acid Copolymer 3:1 Sodium Salt - 500 mg
SMA31S-5000MG	Styrene - Maleic Acid Copolymer 3:1 Sodium Salt - 5000 mg
SMA31S-25G	Styrene - Maleic Acid Copolymer 3:1 Sodium Salt - 25 g
ND-OCGS-10	10 nm DOPC Nanodisc
ND-OCGS-30	30 nm DOPC Nanodisc

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.