



Clophosome™- Liposomal Clodronate (Neutral)

Clophosome™, neutral clodronate liposomes, offers highly efficient in vivo macrophage depletion. Clodronate molecules are encapsulated in small MLV liposomes for superior activity, physical and chemical stability, and convenience of use. It is formulated to exceptionally high clodronate/lipid ratio and encapsulation efficiency of clodronate is above 90%. Clophosome liposomes remain homogenous and free-flow after long term storage. The product is suitable for dosing with various routes including intravenous, intraperitoneal, subcutaneous, intranasal, intratracheal and etc. A starting dose of 0.1 mL for 20-25g animal body weight is recommended. Optimization is recommended for your specific applications.

DESCRIPTION: Clophosome™- Neutral Liposomal Clodronate for Macrophage Depletion

PRODUCT CODE #:	F70101C-N
BATCH #:	03131201
DATE OF PRODUCTION:	03/19/2012
LIPID COMPOSITION:	Phosphatidylcholine and cholesterol
ACTIVE:	Clodronate, (Dichloromethylene) bisphosphonic acid disodium salt (CAS:88416-50-6)
CLODRONATE CONCENTRATION:	Meet specification
CLODRONATE ENCAPSULATION:	Meet specification
PARTICLE SIZE:	Meet specification
BULK BUFFER SOLUTION:	Phosphate buffered sucrose (20mM potassium phosphate, 10 wt% sucrose), pH 7.2
RECOMMENDED DOSE:	Recommended dose: 0.1 mL for 20-25g animal body weight. Optimize if necessary

FORM/COLOR:

White, milk-like and free flow liposomal dispersion, no visible particles/aggregates with naked eye.

STABILITY AND GUARANTEE:

Product is sterile filtered and filled in autoclaved glass vials. Formulation stability and sterility are guaranteed (exchange only) for 2 month for unused vials stored at 2 – 8 °C.

STORAGE AND HANDLING:

- Store refrigerated (2-8 deg C). **Avoid freezing.** Warm to room temperature and mix before use.
- Dilute in PBS or other isotonic buffer solutions if necessary.

Product is For Research Only, Not for Human Use