



Clophosome-A™- Liposomal Clodronate (Anionic)

Clophosome-A™, clodronate liposomes, is formulated for superior efficiency in vitro and/or in vivo macrophage depletion. Clodronate molecules are encapsulated in anionic phosphatidylglycerol LVU liposomes for superior activity, physical and chemical stability, and convenience of use and handling. The liposomal encapsulation efficiency of clodronate is no less than 90%. The product is suitable for dosing with various routes including intravenous, intraperitoneal, subcutaneous and etc. It is sterile filtered for long term shelf-life. A starting dose of 0.1 mL for 20-25g animal body weight is recommended, optimize if necessary.

DESCRIPTION:	Clophosome-A™- Liposomal Clodronate for in vitro/in vivo Macrophage Depletion
CATALOGUE #:	F70101C-A
BATCH #:	12281102
DATE OF PRODUCTION:	12/30/2011
LIPID COMPOSITION:	Phosphatidylglycerol, phosphatidylcholine and cholesterol
ACTIVE:	Clodronate: (Dichloromethylene) bisphosphonic acid disodium salt tetrahydrate (CAS:88416-50-6)
CLODRONATE CONCENTRATION:	Meet specification
CLODRONATE ENCAPSULATION:	Meet specification
PARTICLE SIZE:	Meet specification
BULK BUFFER SOLUTION:	20 mM PBS (20mM phosphate, 10% sucrose), pH 7.0
RECOMMENDED DOSE:	Recommended starting dose: 0.1 mL for 20-25g animal body weight for i.v. administration. Optimize if necessary

FORM/COLOR:

Translucent 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 before use. Visually exam the uniformity of the solution. Mix before opening the vial.
- Dilute in PBS or other isotonic buffer solutions if desired.

Product is For Research Only, Not for Human Use