



Anionic Clodronate Liposomes

Catalog: ACL-003L

Lipid composition: phosphatidylcholine, phosphatidylglycerol and cholesterol. Active: clodronate disodium. CAS: 22560-50-5. Clodronate disodium (liposome encapsulated): 7mg/mL.

To satisfy the demand for clodronate liposomes with long shelf-life. We offer one year shelf-life guarantee from the time of delivery to the date of reconstitution. Just reconstitute by adding sterile pure water and mix.

PRODUCT INFORMATION

Product Name	Anionic Clodronate Liposomes
Catalog Number	ACL-003L
CAS	22560-50-5
Product Overview	Lipid composition: phosphatidylcholine, phosphatidylglycerol and cholesterol. Active: clodronate disodium. CAS: 22560-50-5. Clodronate disodium (liposome encapsulated): 7mg/mL. To satisfy the demand for clodronate liposomes with long shelf-life. We offer one year shelf-life guarantee from the time of delivery to the date of reconstitution. Just reconstitute by adding sterile pure water and mix.
Lipid Composition	POPC; PG; CHOL
Active Ingredients	Clodronate Disodium
Application	Liposome production; Synthetic lipid
Form	Lyophilized cake/powder from PBS (10% sucrose, 20mM Na phosphate), pH 7.0-7.5



Stability	Shelf-life: 12 months for dry cake (guaranteed, replacement only, starting from the date of delivery) Shelf-life: 3 months sterilely reconstituted (guaranteed, replacement only)
Storage	Store at 2-8 centigrade.
Synonyms	Anionic Clodronate Liposomes

USAGE GUIDELINES

General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to 3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.