

Product Information

Disodium clodronate liposomes

Cat. No.: X26-05-ZQ2582

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Disodium clodronate LPs; Disodium clodronate liposomes; Clodronate disodium liposomal formulations

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This formulation features disodium clodronate liposomes engineered to encapsulate a hydrophilic bisphosphonate within a stable vesicle matrix. The structural matrix incorporates the compound disodium clodronate entirely within its central aqueous core, utilizing a rigid phospholipid-cholesterol bilayer envelope to maximize encapsulation parameters. This configuration isolates the highly polar bisphosphonate structure from direct contact with external salt gradients, completely preventing rapid drug leakage and chemical decomposition in open aqueous suspension while maintaining high baseline colloidal stability.
Source	Custom synthesis
Functional Group	Disodium clodronate
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Storage	Store at -20°C.