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(57) Abstract :

Abstract Cyclophosphamide Liposomal Formulation and method of production thereof The invention provides a thermosensitive liposomal formulation encapsulating cyclophosphamide. The formulation is prepared via thin-film hydration using lipid mixture, and thermosensitive agents as key excipients. The liposomal system protects cyclophosphamide from premature degradation, increases circulation stability, and ensures targeted release at the tumor microenvironment. The formulation is suitable for intratumoral or injectable thermogel administration, offering improved therapeutic efficacy and reduced toxicity.

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