

Title (en)

A METHOD FOR PREPARING LIPOSOMES AND USES THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON LIPOSOMEN UND SEINE VERWENDUNGEN

Title (fr)

METHODE DE PREPARATION DE LIPOSOMES ET UTILISATIONS

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Application

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Abstract (en)

[origin: WO2007049278A2] The present invention provides a simplified and cost effective method preparing liposomes, the method comprising providing a dry liposome forming lipid or a dry mixture comprising a liposome forming lipid; dissolving the liposome forming lipid or said mixture comprising a liposome forming lipid of step (a) with a protic organic solvent to form a solution or dispersion of said lipid; and adding the solution or dispersion of step (b) to ions containing aqueous solution to form a liposome suspension; wherein the liposomes are capable of encapsulating an agent at a ratio between the agent and the liposome forming lipid being greater than 1.0. The method is characterized in that it does not involve drying the solution or dispersion to form a dry lipid film; and/or down-sizing liposomes in said liposome suspension to form small unilamellar vesicles (SUV). The thus formed liposomes may then be used for loading thereto an active agent, such as amphiphatic weak acid/base drugs.

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