

The invention relates to the pharmaceuticals. A method comprises drying of phospholipids in a vacuum, emulsification of phospholipids in aqueous medium containing a carbohydrate and platinum preparation, obtaining of liposomes. The emulsification is carried out in a medium containing glucose or lactose in an amount of 7-20 mass. % in a ratio of platinum preparation: phospholipids 1:(22-40), and the process for the liposome obtaining is carried out by homogenization of lipid emulsion under the pressure of $5,3 \cdot 10^{-6}$ to $4 \cdot 10^{-7}$ a.