

Single pass process for synthesizing sub-100 Nanometer liposome from packed bed of colloidal particles

The present invention provides a method of preparing monodisperse liposomes which comprises,

- a) Drying of lipids dispersed in an organic solvent in a thin capillary packed with colloidal particles,
- b) Hydration of above lipids with a buffer containing a drug, and
- c) Formation of liposomes with simultaneous encapsulation of drug

wherein, the packed bed of colloidal particles serves as a template for liposomal preparation.

Patent application no. 2003/mum/2013