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(54) Title: PREPARATION OF SUBMICRON SIZED NANOPARTICLES VIA DISPERSION AND SOLVENT OR LIQUID PHASE REMOVAL

(57) Abstract: The present invention relates to a process for preparing submicron sized nanoparticles of a poorly water soluble compound by sonicating to evaporate a portion of the organic phase or by lyophilizing a dispersion or microdispersion of a multiphase system having an organic phase and an aqueous phase, the organic phase havingthe poorly water soluble organic compound therein. The method is preferably used to prepare nanoparticles of a poorly water soluble, pharmaceutically active compound suitable for in vivo delivery, particularly by parenteral routes.