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# INFLUENCE OF POLYMER CONCENTRATION ON THE PROPERTIES OF NANO-EMULSIONS AND NANOPARTICLES OBTAINED BY A LOW-ENERGY METHOD

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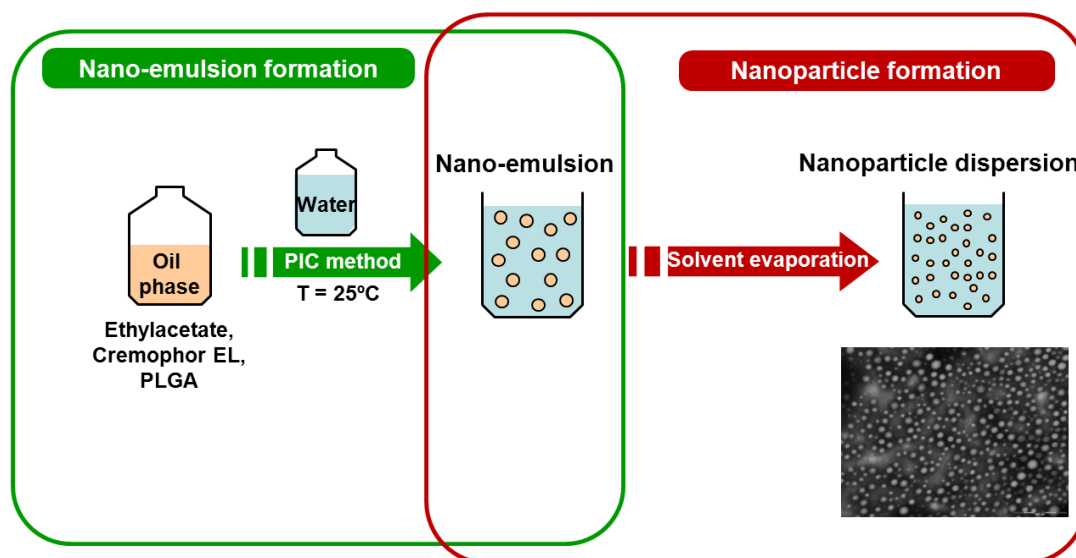
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**Graphical Abstract:**



**Highlights:**

- Influence of PLGA concentration on the properties of nanoparticles obtained by nano-emulsion templating.
- Nano-emulsion formation is achieved by the phase inversion (low-energy) method.
- PLGA concentration affects nano-emulsion formation, droplet and particle size, and *in vitro* drug release.
- No influence of PLGA concentration is found on drug encapsulation efficiency and *in vitro* cytotoxicity of polymeric nanoparticles.

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