

SUPPORTING INFORMATION

The Effect of copolymer-based nanoparticle composition (MEO₂MA-OEGMA) on the release profile of doxorubicin *in vitro*

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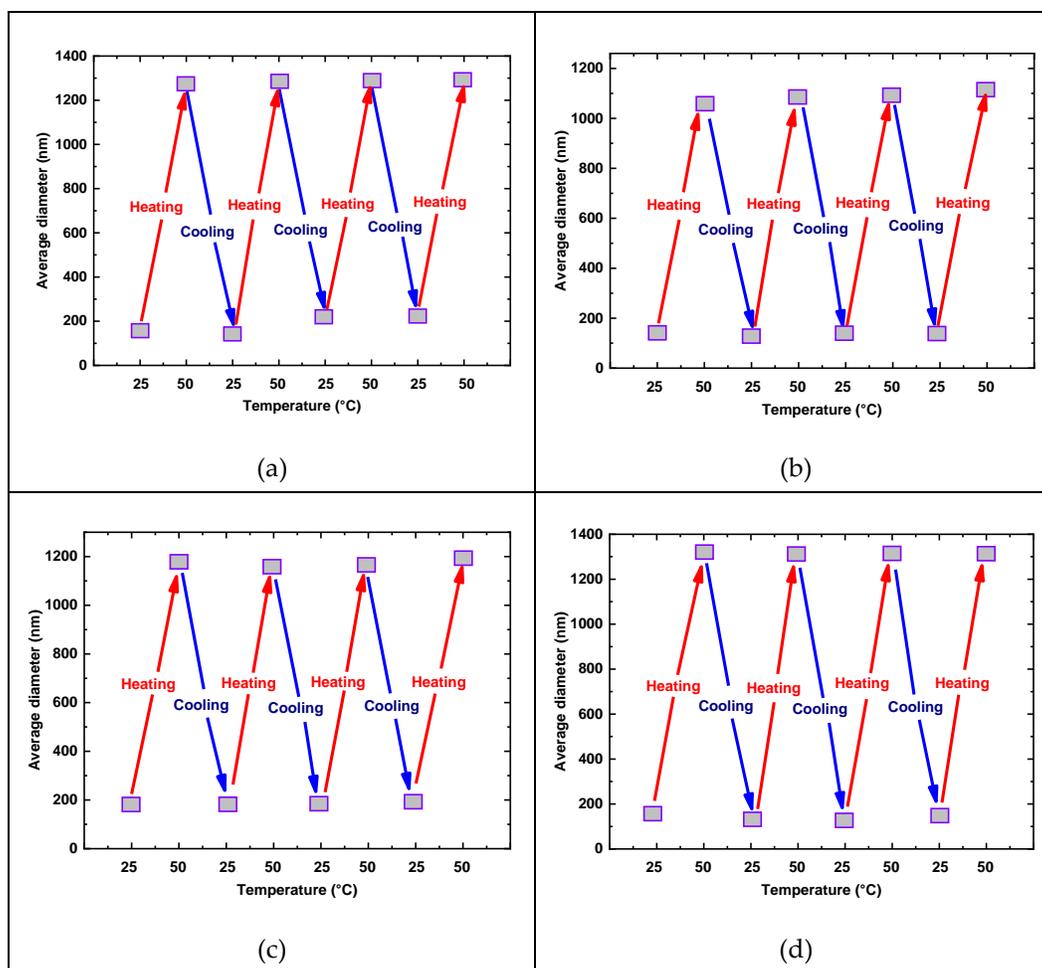


Figure SI 1. Reversibility of the hydrodynamic diameter evolution with successive heating and cooling cycles in PBS of (a) $\text{Fe}_{3-\delta}\text{O}_4@P(\text{MEO}_2\text{MA}_{40}\text{-OEGMA}_{60})$ NPs, (b) $\text{Fe}_{3-\delta}\text{O}_4@P(\text{MEO}_2\text{MA}_{50}\text{-OEGMA}_{50})$ NPs, (c) $\text{Fe}_{3-\delta}\text{O}_4@P(\text{MEO}_2\text{MA}_{75}\text{-OEGMA}_{25})$ NPs and (d) $\text{Fe}_{3-\delta}\text{O}_4@P(\text{MEO}_2\text{MA}_{80}\text{-OEGMA}_{20})$ NPs.

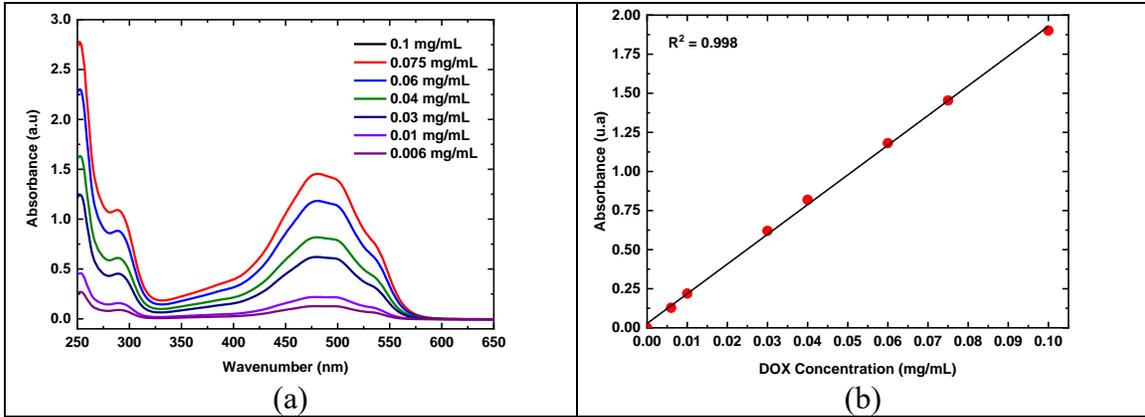


Figure SI 2. Absorbances of different DOX concentration solutions (a) and Calibration curve of DOX (b)