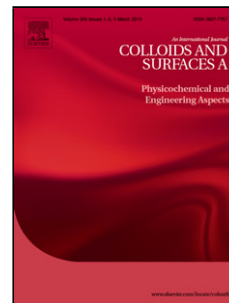


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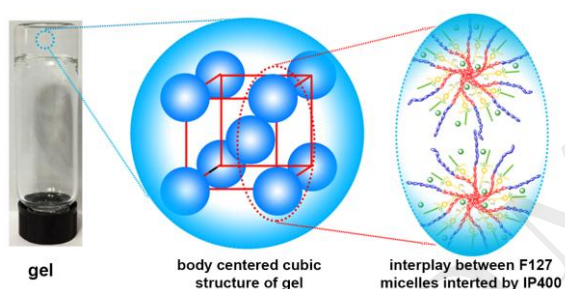
Effect of Hydrophilically Modified Ibuprofen on Thermoresponsive Gelation of Pluronic Copolymer

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Graphical abstract



Abstract:

This paper concerns the effect of hydrophilically modified ibuprofen (IBU-PEO₉, IP400), which is an amphiphilic anti-inflammatory drug, on the thermoresponsive gelation of Pluronic F127 (poly(ethylene oxide) poly(propylene oxide) poly(ethylene oxide), PEO₉₇-PPO₆₈-PEO₉₇). Rheology, small angle X-ray scattering (SAXS), ¹H nuclear magnetic

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