

Supporting informations

Synthesis of lipid-*b*-poly(2-isopropyl-2-oxazoline)
and successive study of pH- and thermo-sensitive
mixed micelles by combination with lipid-*b*-
poly(acrylic acid).

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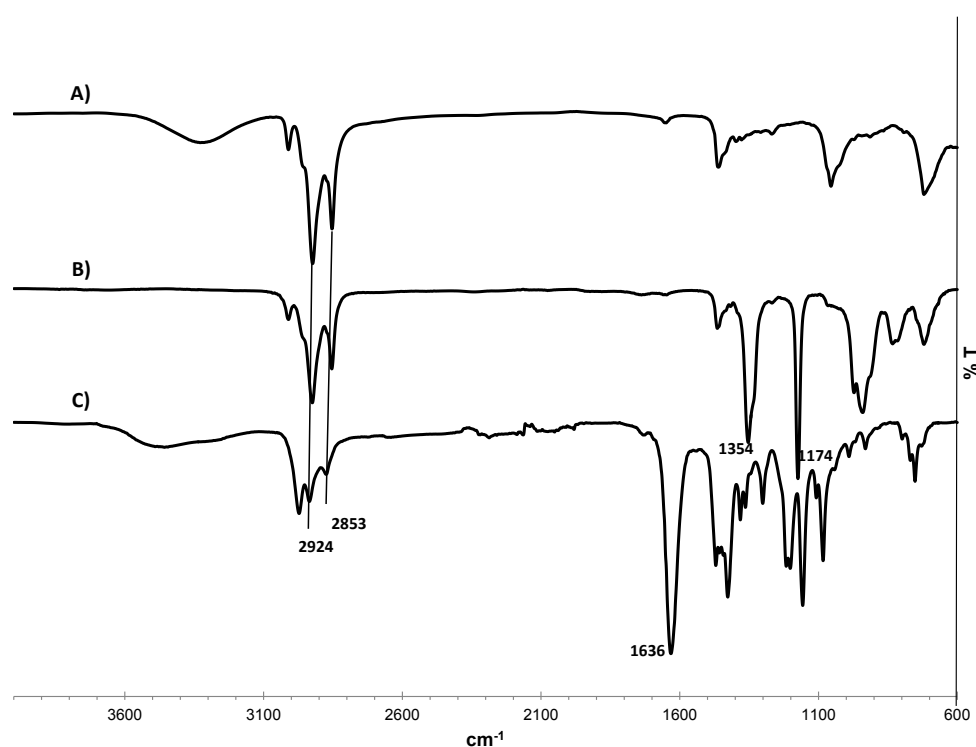


Figure SI-1. FTIR analysis of A) fatty alcohol, B) lipoinitiator 2 and C) lipid-*b*-poly(2-isopropyl-2-oxazoline)

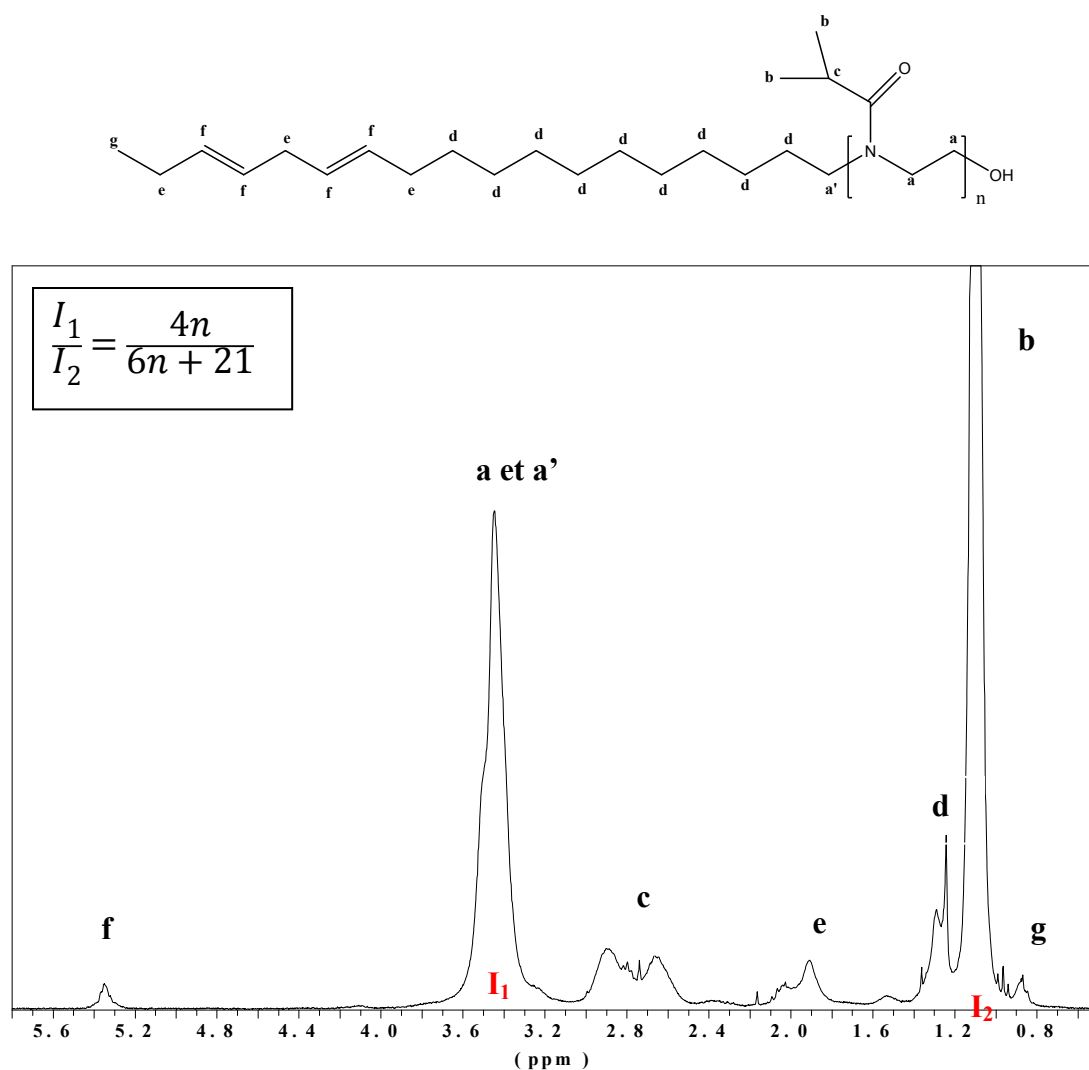


Figure SI-2. NMR spectrum of the lipid-b-poly(2-isopropyl-2-oxazoline) and DPn calculation details

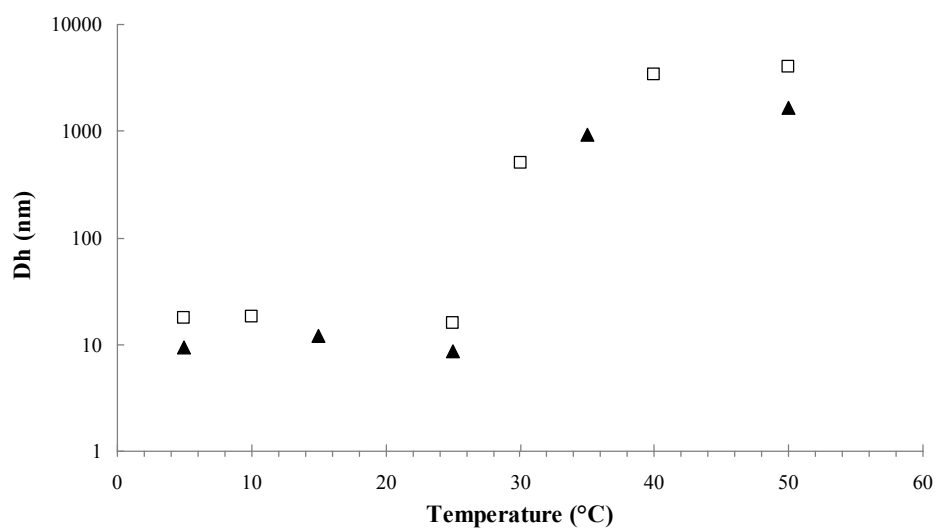


Figure SI-3. Evolution of the object's size versus the temperature ([lipid-b-poly(2-isopropyl-2-oxazoline)]=1g.L⁻¹, 0.1 mol.L⁻¹ NaCl, □ pH = 4.6 and ● pH = 10)

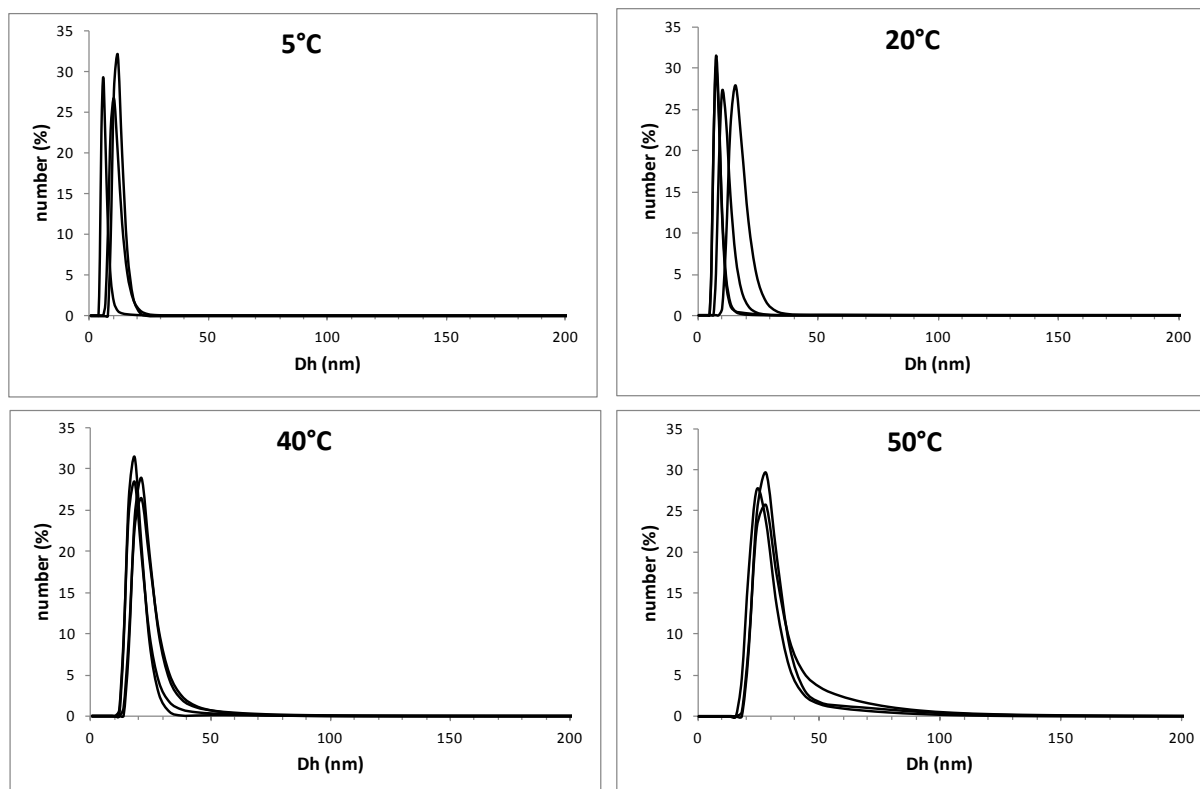


Figure SI-4. QELS measurements of the mixed micelles at pH = 4.6

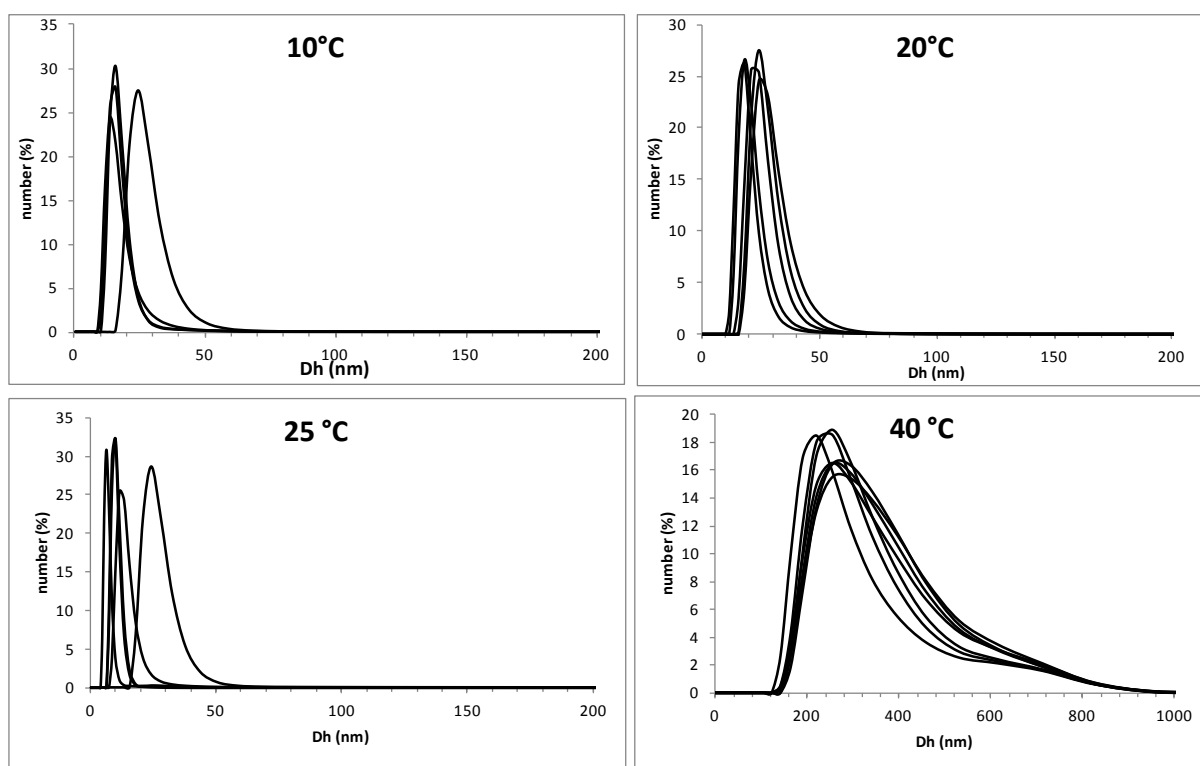


Figure SI-5. QELS measurements of the mixed micelles at pH = 12