Electronic Supplementary Material (ESI) for Nanoscale Advances.

Supporting Information

Microfluidic-assisted silk nanoparticle tuning

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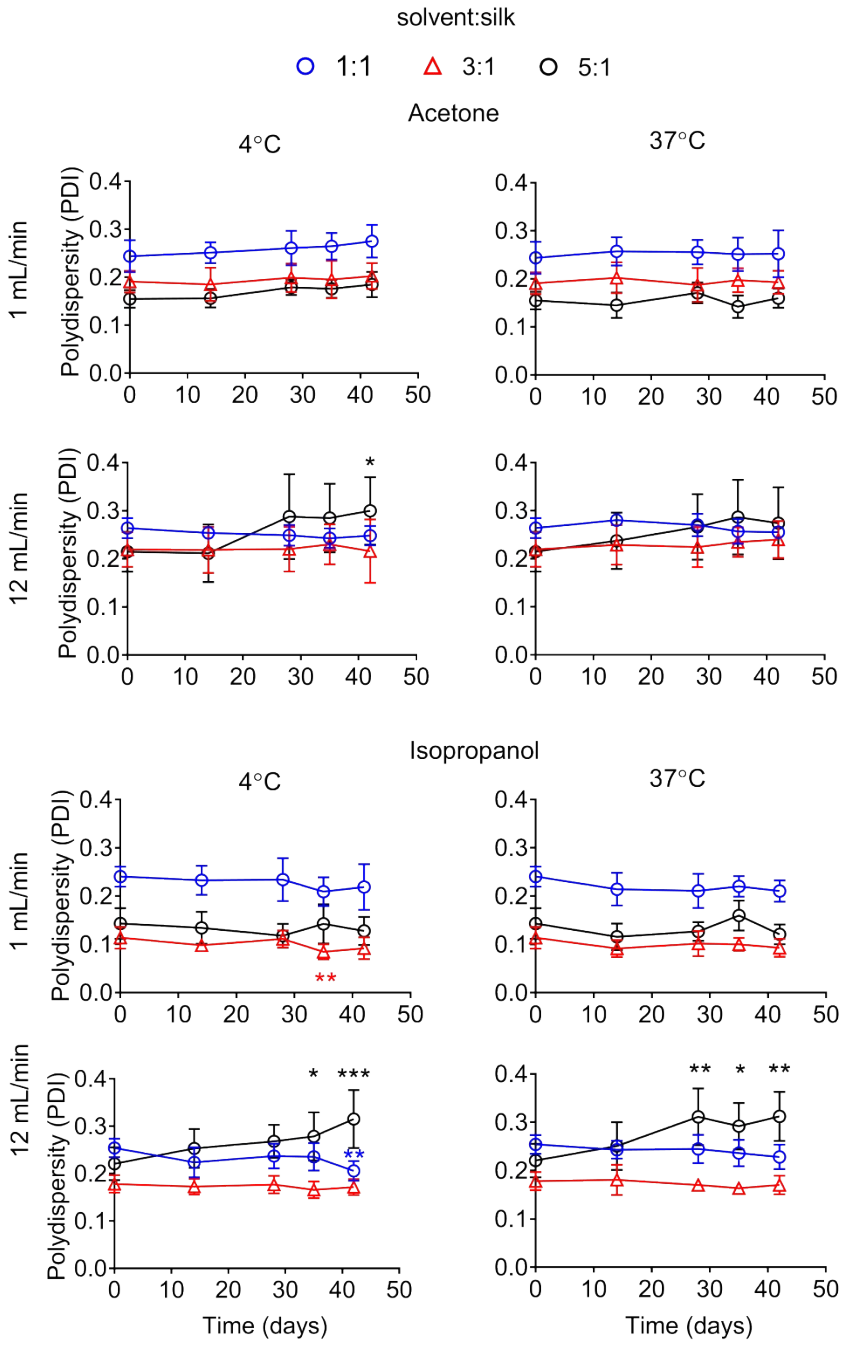

Figure S1 Stability of silk nanoparticles manufactured with a microfluidic-based method by varying solvents, the total flow rate and the total flow rate ratio. Polydispersity (PDI) of silk nanoparticles in water at 4°C and 37°C was measured at day 0, 14, 28, 35 and 42. One-way ANOVA followed by Bonferroni's multiple comparison post hoc test, *P < 0.05, **P < 0.01, *** P < 0.001. Error bars are hidden in the plot -symbol when not visible, ±SD, n = 3.

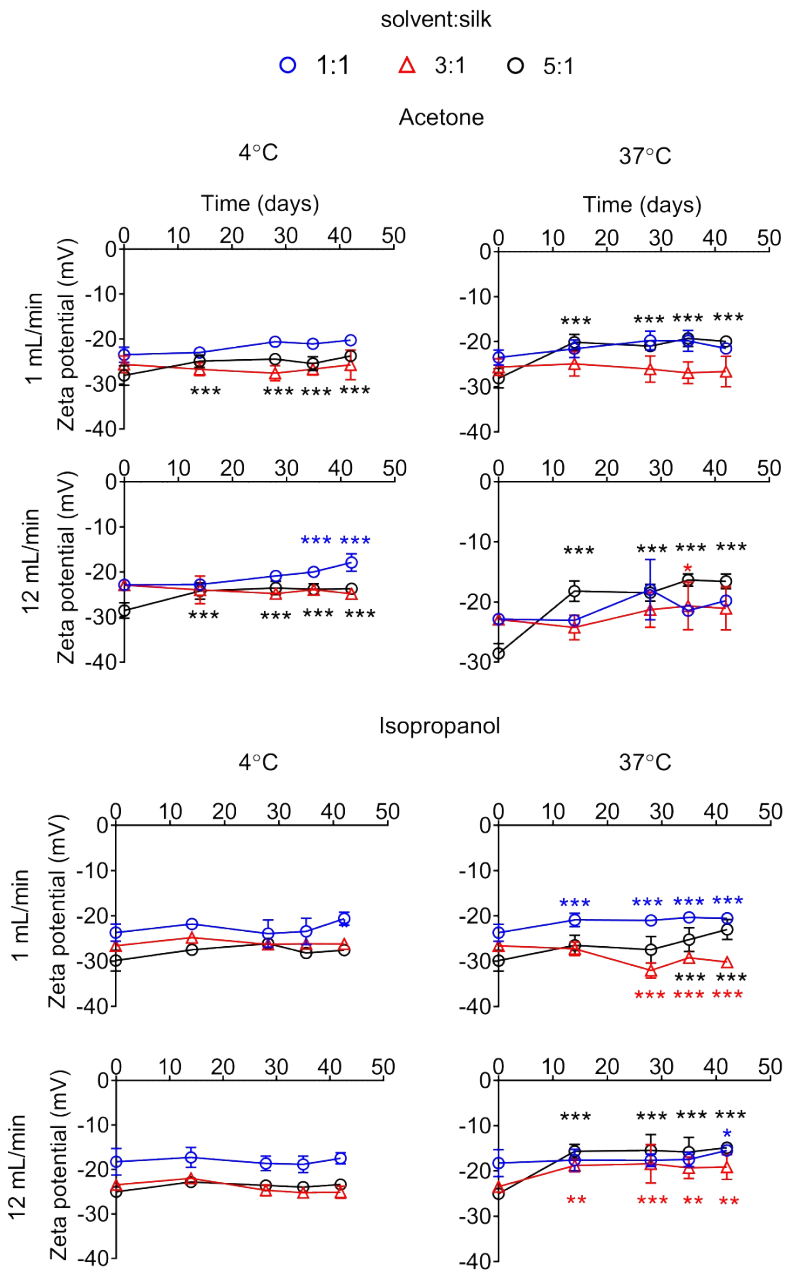

Figure S2 Stability of silk nanoparticles manufactured with a microfluidic-based method by varying solvents, the total flow rate and the total flow rate ratio. Zeta potential of silk nanoparticles in water at 4°C and 37°C was measured at day 0, 14, 28, 35 and 42. One-way ANOVA followed by Bonferroni's multiple comparison post hoc test, *P < 0.05, **P < 0.01, *** P < 0.001. Error bars are hidden in the plot -symbol when not visible, ±SD, n = 3.