



Supporting Information

for

Microbubbles decorated with dendronized magnetic nanoparticles for biomedical imaging: effective stabilization via fluororous interactions

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Beilstein J. Nanotechnol. **2019**, *10*, 2103–2115. doi:10.3762/bjnano.10.205

Additional spectra

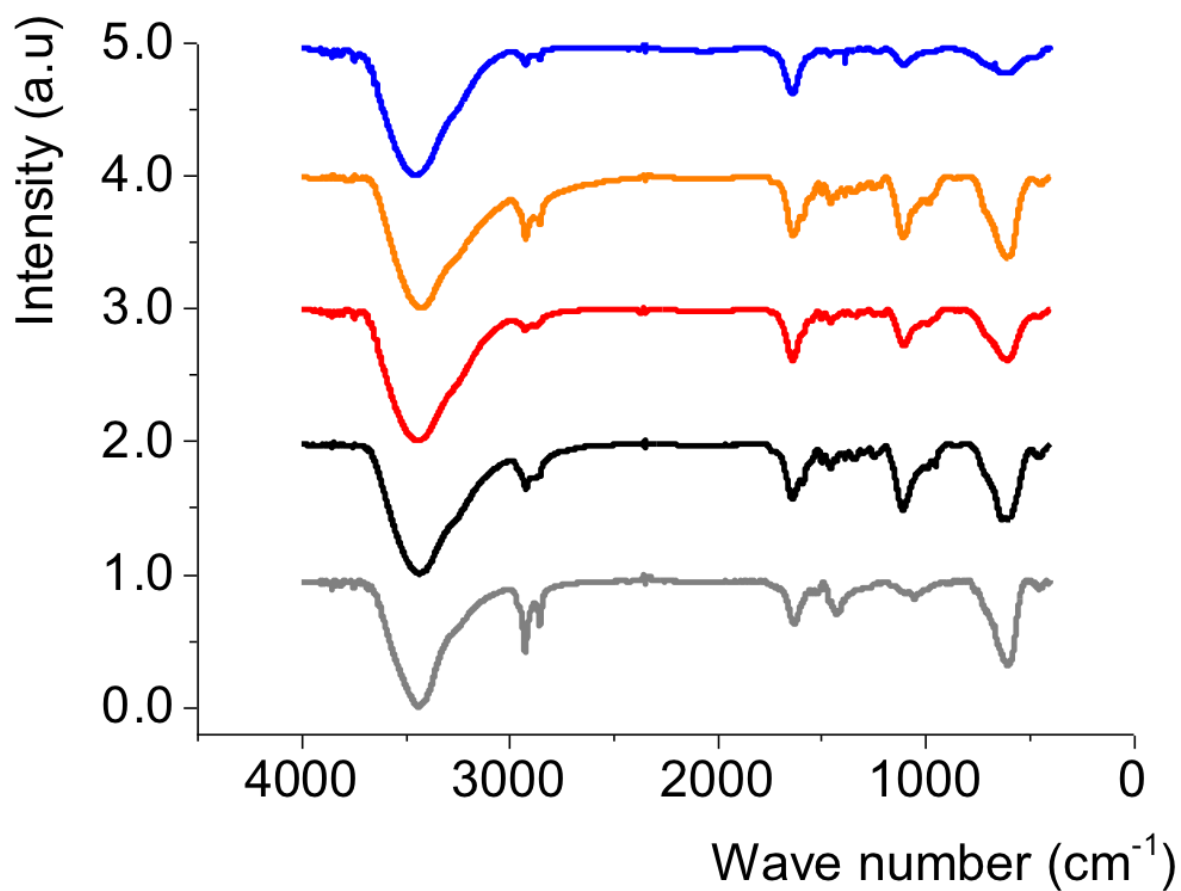


Figure S1: Infrared spectra of IONPs covered by oleic acid (grey), or dendronized with C₂H₅OEG₈Den (black), C₂F₅OEG₈Den (red), C₄H₉OEG₈Den (orange) and C₄F₉OEG₈Den (blue).

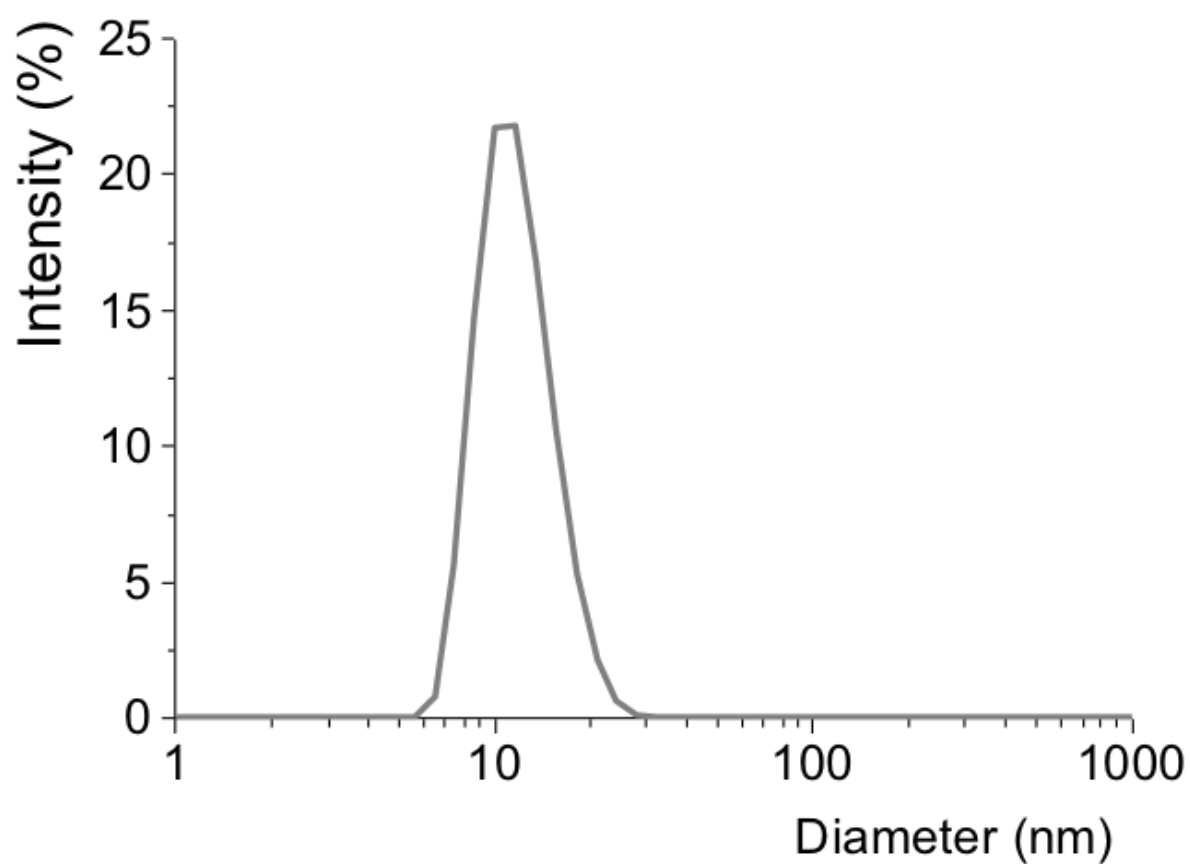


Figure S2: Hydrodynamic diameter distributions of IONPs covered with oleic acid (10 ± 1 nm), in suspension in THF aqueous dispersions (0.05 mg mL^{-1}).

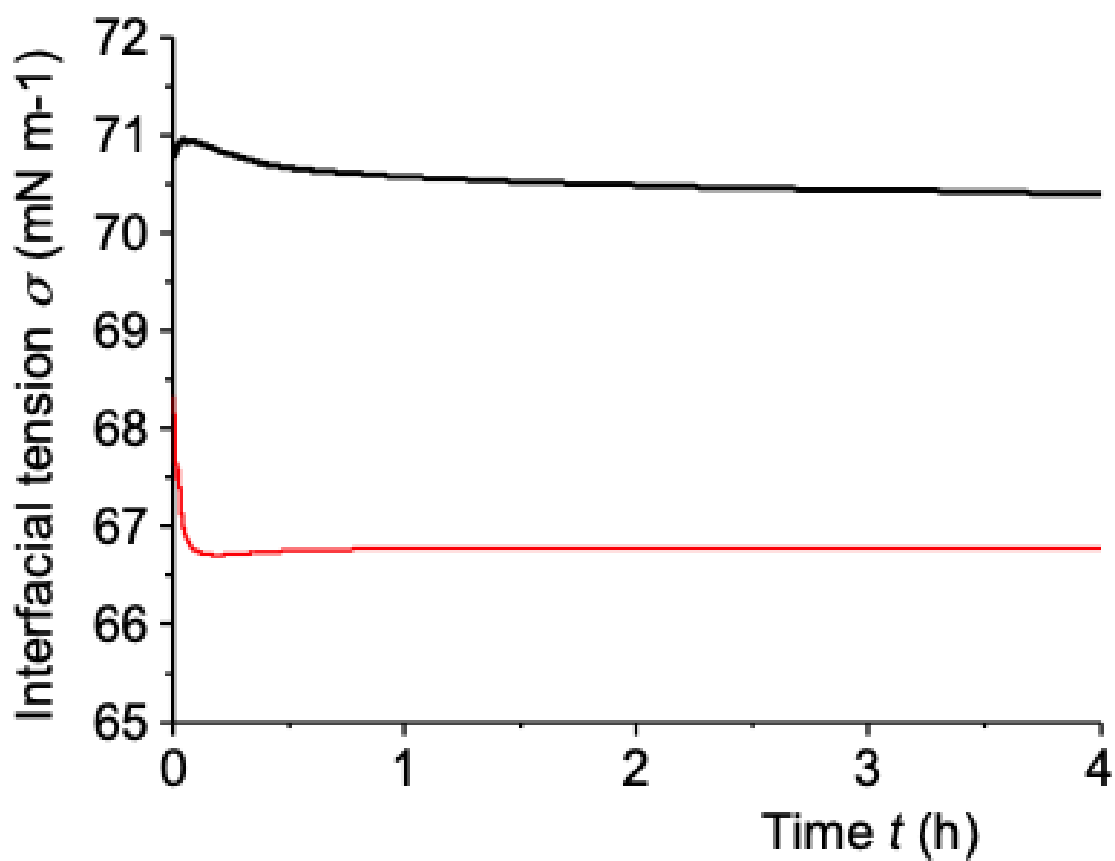


Figure S3: Variation of the interfacial tension σ of the gas/aqueous phase interface as a function of time under air (black) and under *F*-hexane-saturated air (red). Temperature was 25 °C.