

Supporting Information

Hydrophobin-coated perfluorocarbon microbubbles with strong non-linear acoustic response

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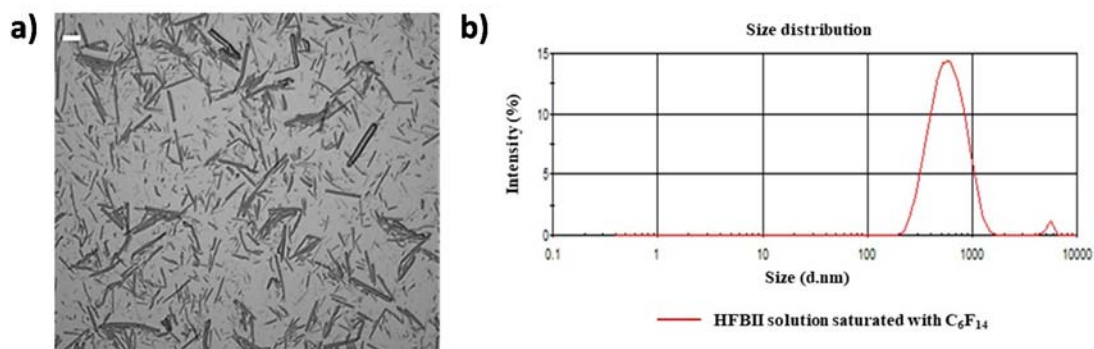


Figure S1. Effect of C_6F_{14} -saturated atmosphere on the dissolution of HFBII in water. (a) Optical microscope image of a HFBII solution in water prepared without C_6F_{14} -saturation (scale bar 20 μm). (b) DLS size distribution analysis of an aqueous HFBII solution obtained under a C_6F_{14} -saturated atmosphere.

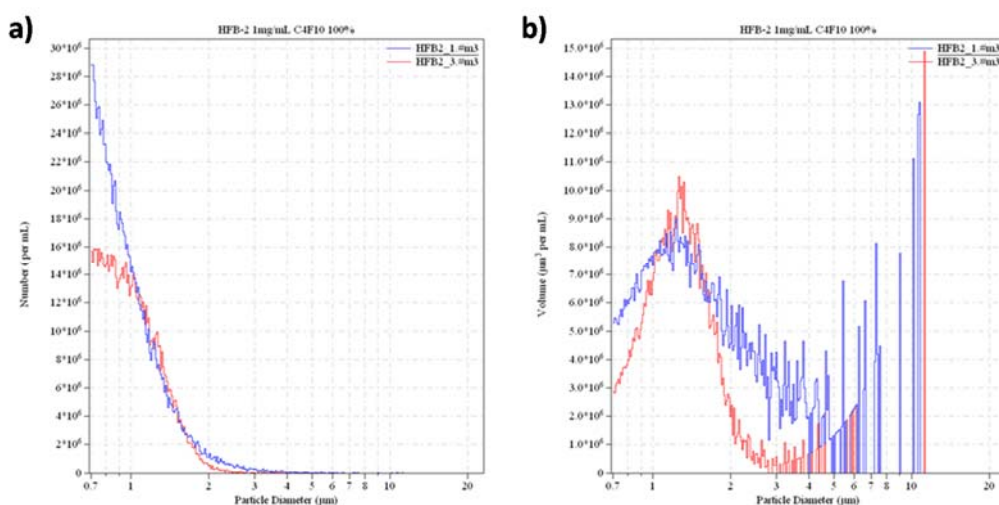


Figure S2. Size distribution analysis of C_4F_{10} -filled HFBII-MBs at different times after production. (a) Number-weighted size distribution at t_0 (blue) and t_0+18h (red); (b) Volume-weighted size distribution at t_0 (blue) and t_0+18h (red). Data obtained by Coulter Counter analysis.