Supplementary Material

Self-assembly Behavior of Amphiphilic Janus Dendrimers in Water: A Combined Experimental and Coarse-Grained Molecular Dynamics Simulation Approach

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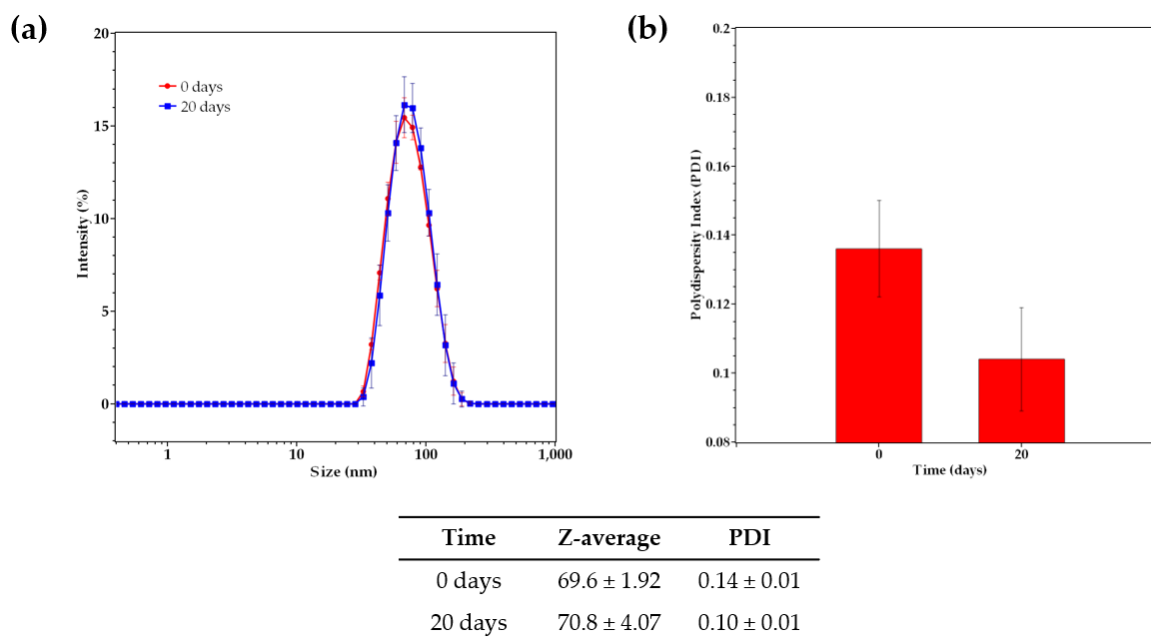Tel.: +52-818-358-2000 (ext. 4511) (J.A.V.G)

Time	Z-average	PDI
0 days	69.6 ± 1.92	0.14 ± 0.01
20 days	70.8 ± 4.07	0.10 ± 0.01

Figure S1. Time stability of small assemblies from JD. (a) Size distribution by intensity and (b) PDI variation (by DLS).
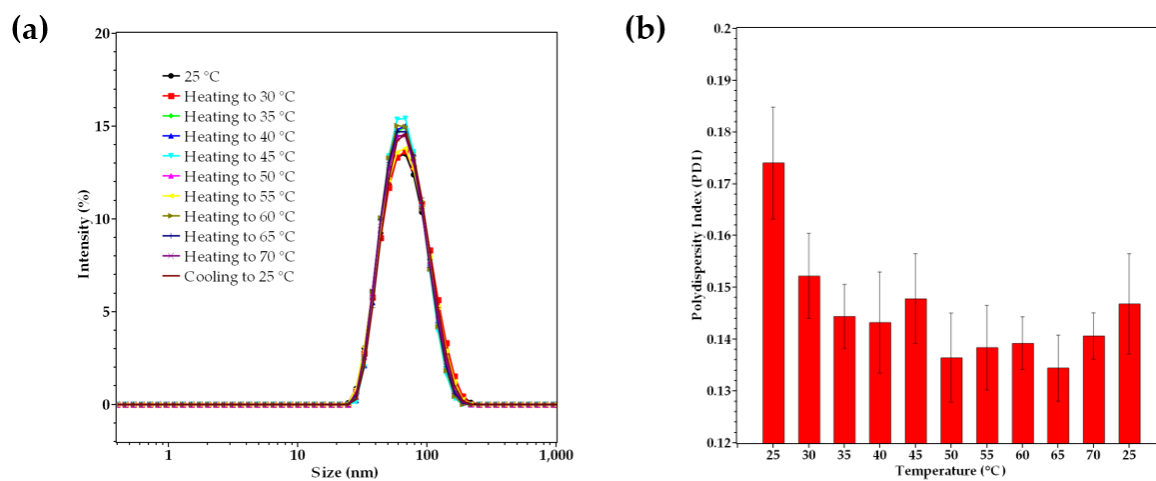
(a)

(b)

Figure S2. Temperature stability of small assemblies from JD. (a) Size distribution by intensity and (b) PDI variation (by DLS).
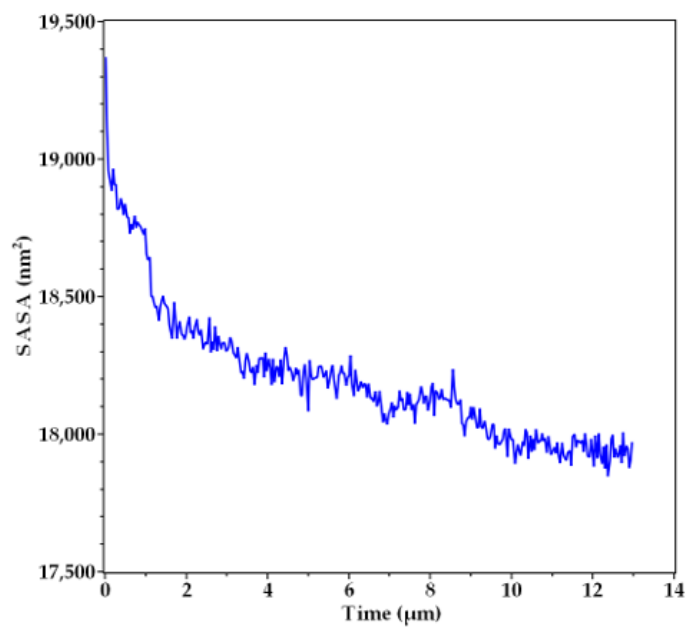

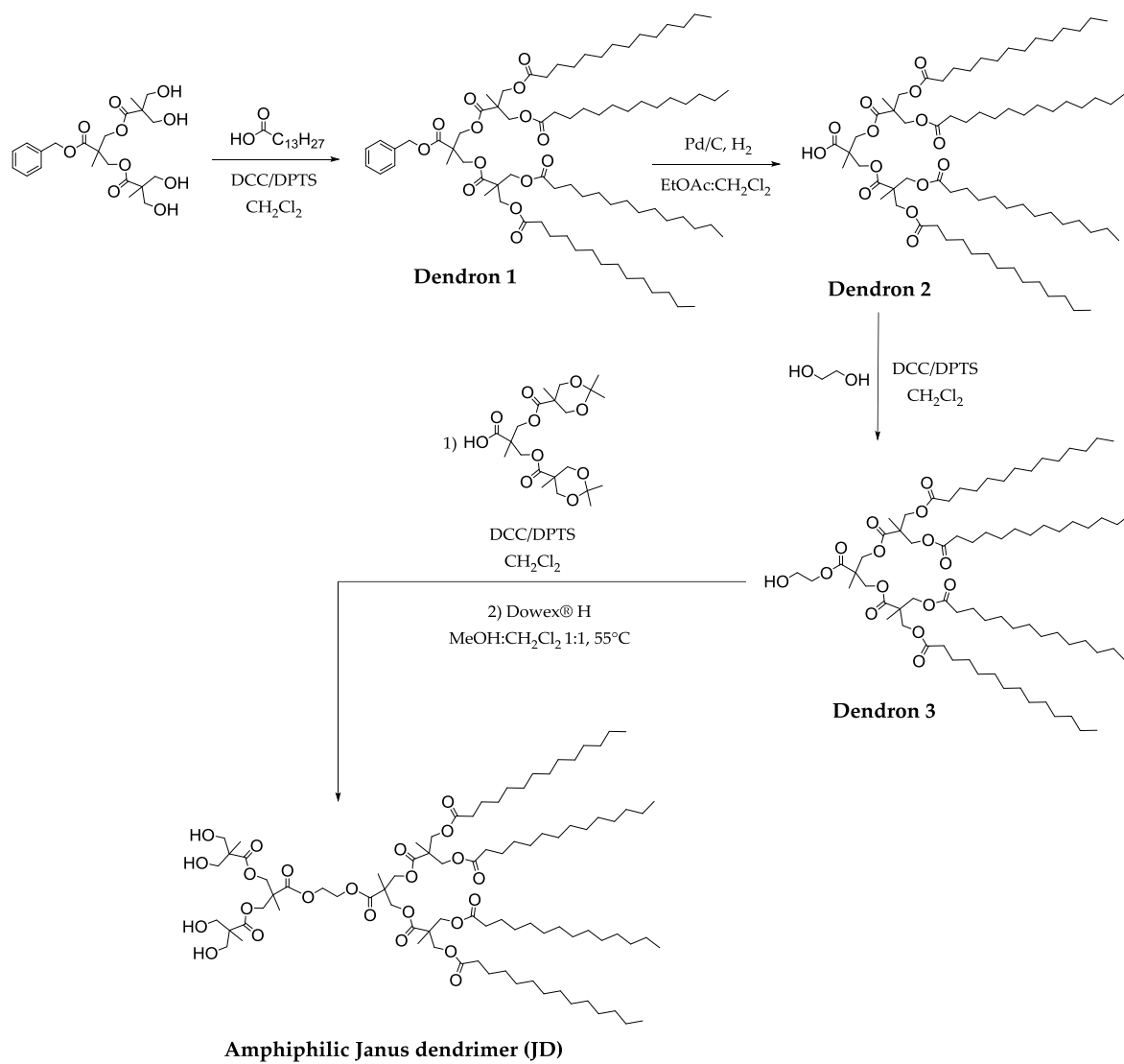**Figure S3.** Solvent accessible surface area (SASA) of the dendrimers during the simulation.
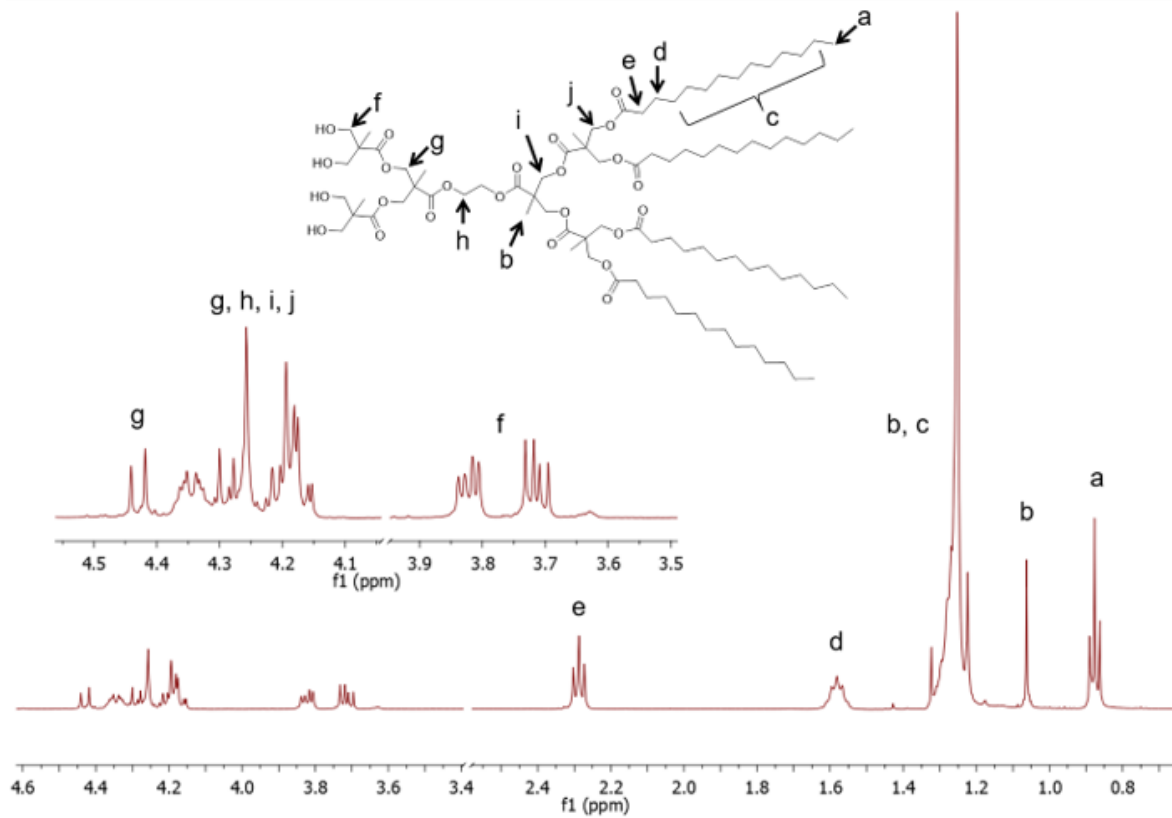
Figure S4. Reaction scheme.

Figure S5. ^{1}H-NMR spectra (500 MHz, CDCl$_3$) of JD and peak assignments.