Electronic Supplementary Information

An aqueous two-phase system formed in single-component solution of α-ketooctanoic acid

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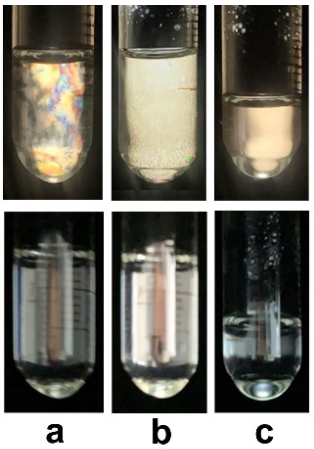

Fig. S1. Photographs of KOCOOH solutions at (a) 500, (b) 750, (c) 1000 mM, with (up) and without (below) crossed polarizers.

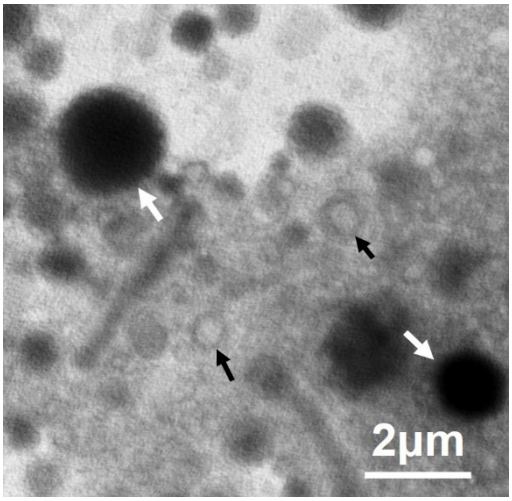

Fig. S2. NS-TEM image of KOCOOH solution with 50 mM. Vesicles and oil droplets, as indicated by black and white arrows, respectively, coexist in the system.

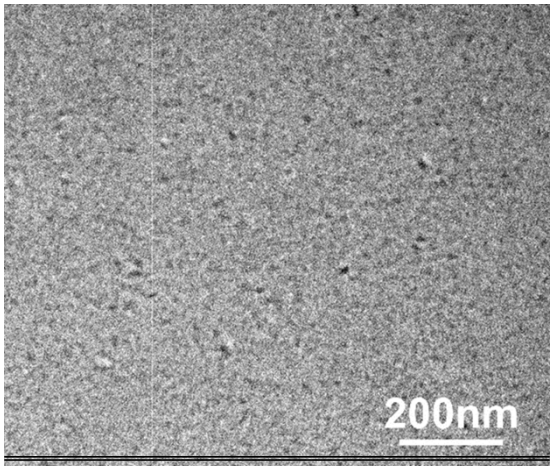

Fig. S3. Cryo-TEM image of the upper phase of ATPS with 130 mM.

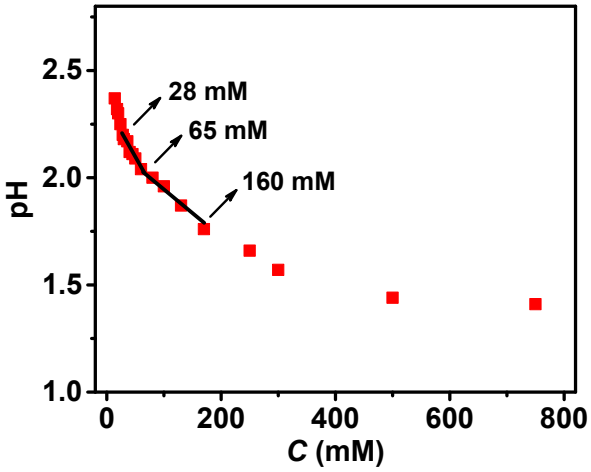

Fig. S4. Change of pH of KOCOOH solution with its concentration at 25 °C.