Electronic Supplementary Material (ESI) for Soft Matter

Supporting Information

Influence of an Non-Ionic Amphiphilic Copolymer on the Self-Assembly of a Peptide Amphiphile that Forms Nanotapes

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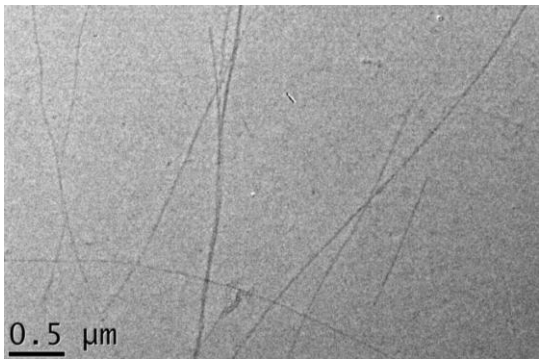
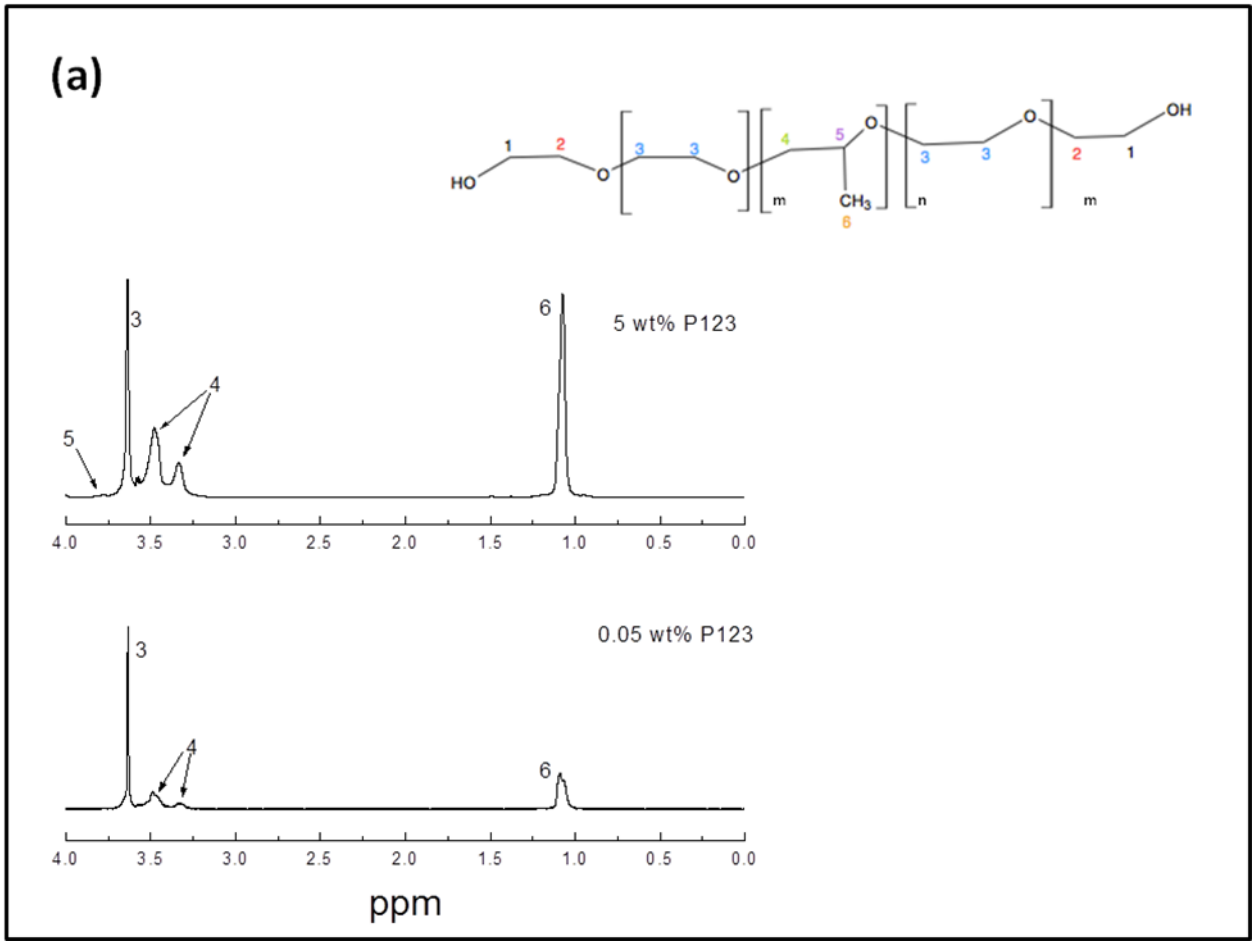
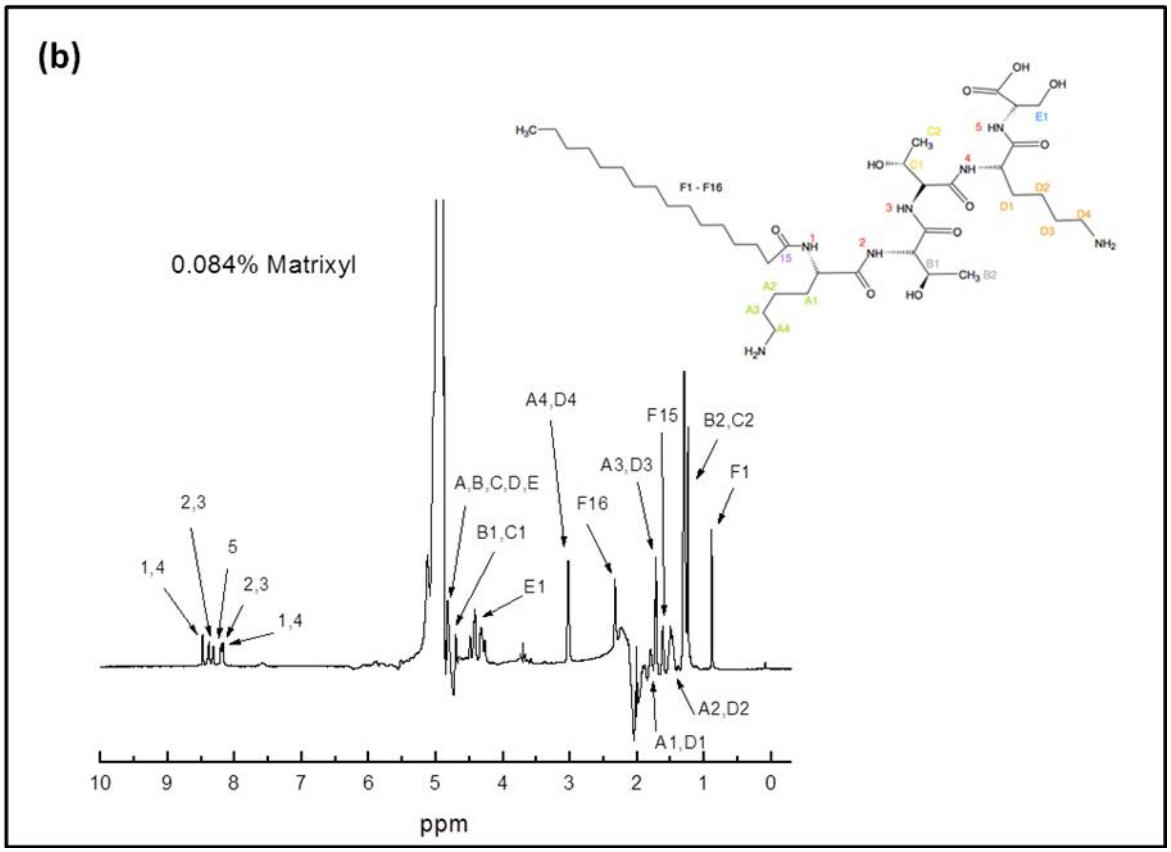


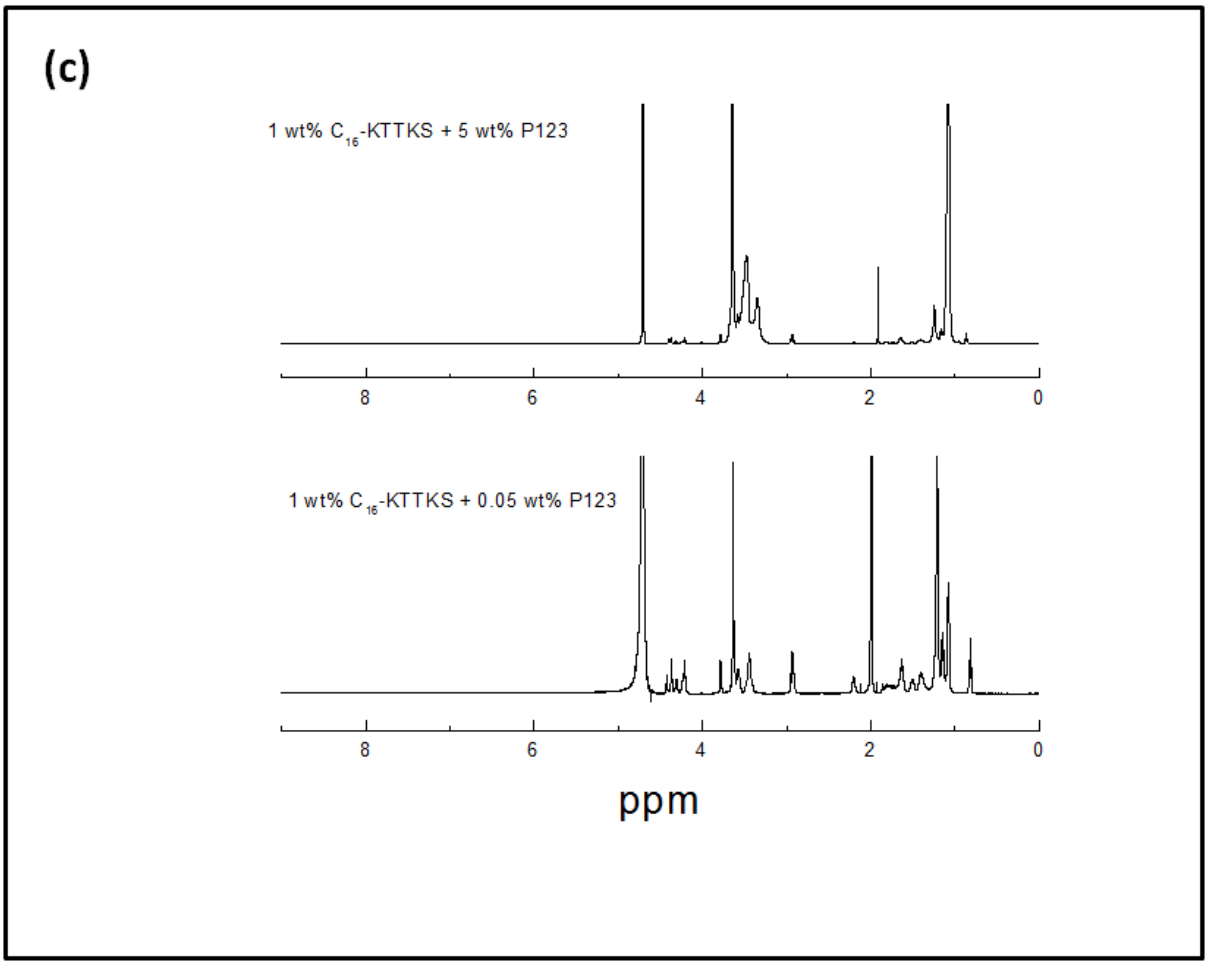
SI Fig. 1. Negative stain TEM image for a 1 wt% C_{16}-KTTKS + 25 wt% P123 sample.



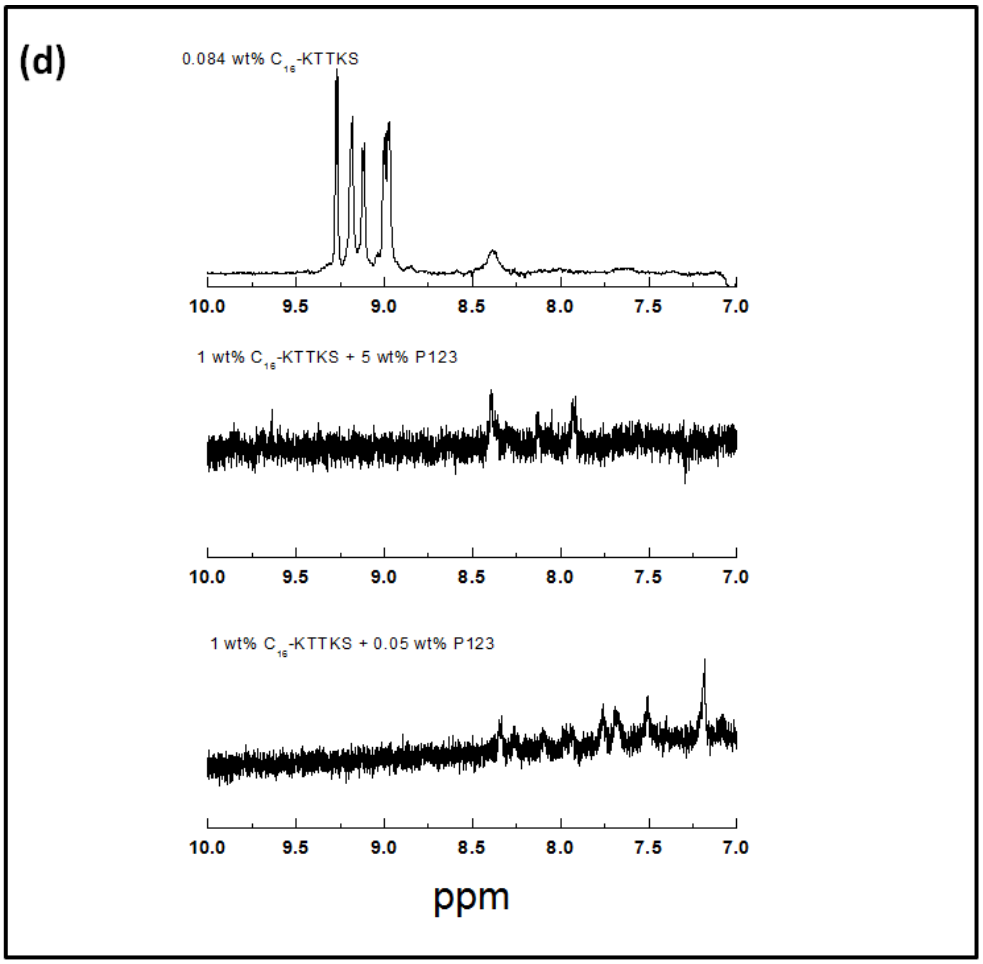
SI Fig. 2a. NMR spectroscopy of 0.05 wt% and 5 wt% P123 with peaks assigned in association to the molecular structure of P123.



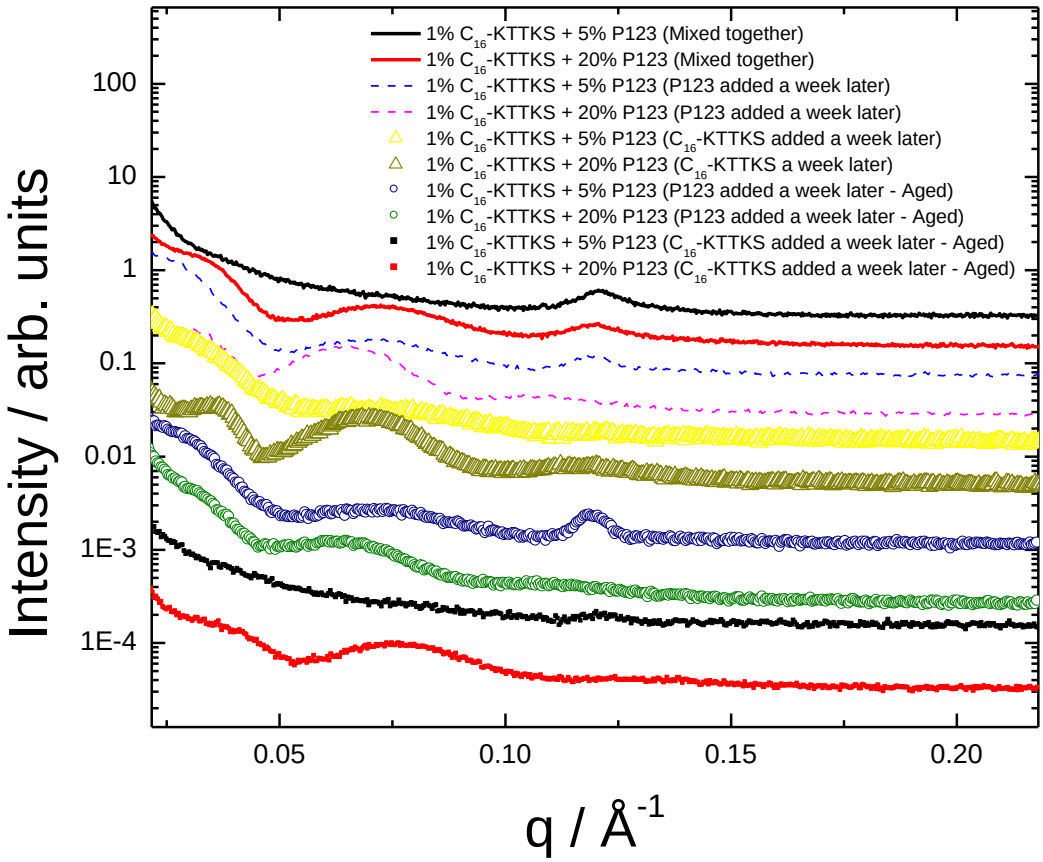
SI Fig. 2b. C_{16}-KTTKS NMR spectroscopy with assignment of peaks.



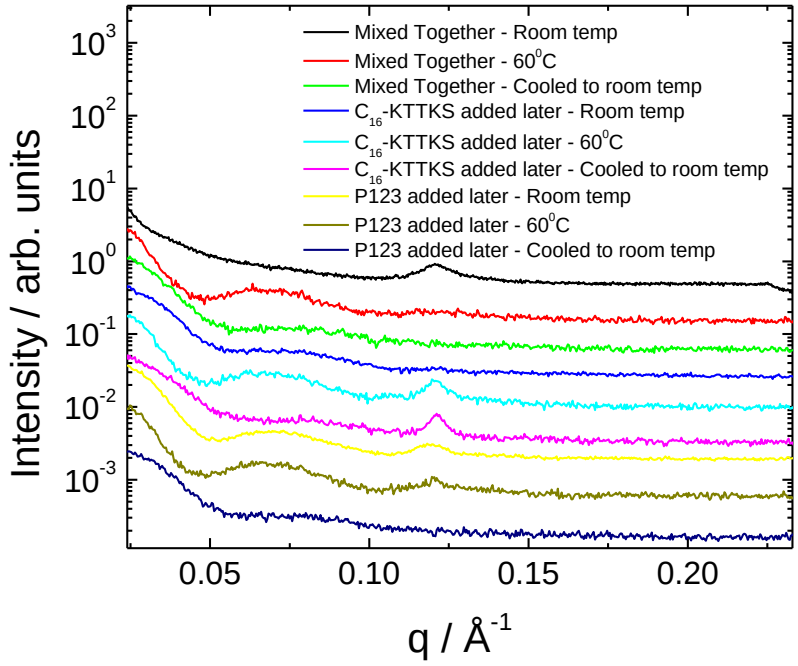
SI Fig. 2c. NMR spectroscopy for 1wt% C_{16}-KTTKS + 0.05 wt% P123 (bottom) and 5 wt% P123 (top).



SI Fig. 2d. Comparison of the amide region between 1 wt% C_{16}-KTTKS and 1 wt% C_{16}-KTTKS with added P123.



SI Fig. 3. SAXS profiles for mixtures of C_{16}-KTTKS with P123 (both 5 wt% and 20 wt%) prepared according to different protocols.



SI Fig. 4. SAXS profiles obtained during and after thermal treatment for 1 wt% C_{16}-KTTKS + 5 wt% P123.

References

[1] L. C. Serpell, *Biochim. Biophys. Acta*, 2000, **1502**, 16.