Electronic Supplementary Information (ESI) - New Journal of Chemistry

Synthesis, characterisation and self-assembly behaviour of emissive surfactant–ruthenium(II) complexes

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Scheme S1. Schematic representation of synthesis of double chain surfactant–ruthenium(II) complexes.
Fig. S1. UV–visible absorption spectra of complexes 1–4 (10 μM) in aqueous medium.

Fig. S2. FT–IR spectra of the complexes 1–4.
Fig. S3. $^1$H–NMR spectra of complexes 1–4 in CDCl$_3$.

Fig. S4 ESI-mass spectra of complexes 1–4 in methanol.
Fig. S5. DLS measurements for the complexes 1–4 (10 μM) in aqueous medium.

Fig. S6. Size distribution histogram plot from the FESEM images for the complexes 1–4.
Fig. S7. Zeta potential measurements for the complexes 1–4 (10 μM) in aqueous medium.

Fig. S8. Emission spectra of complexes 1 – 4 (50 μM) in aqueous medium at 298 K.