Electronic Supplementary Information for:

Star-shaped and star-block polymers with porphyrin core: from LCST-UCST thermoresponsive transition to tunable self-assembly behaviour and fluorescence performance

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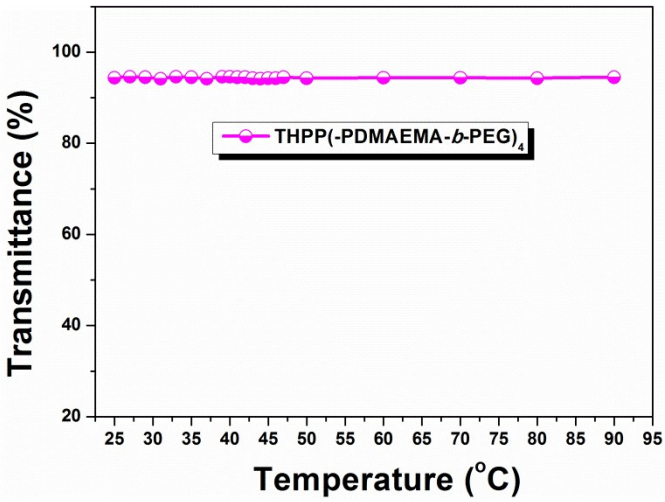

Fig. S1 Transmittance curve of THPP(-PDMAEMA-*b*-PEG)$_4$ from 25 °C to 90 °C.

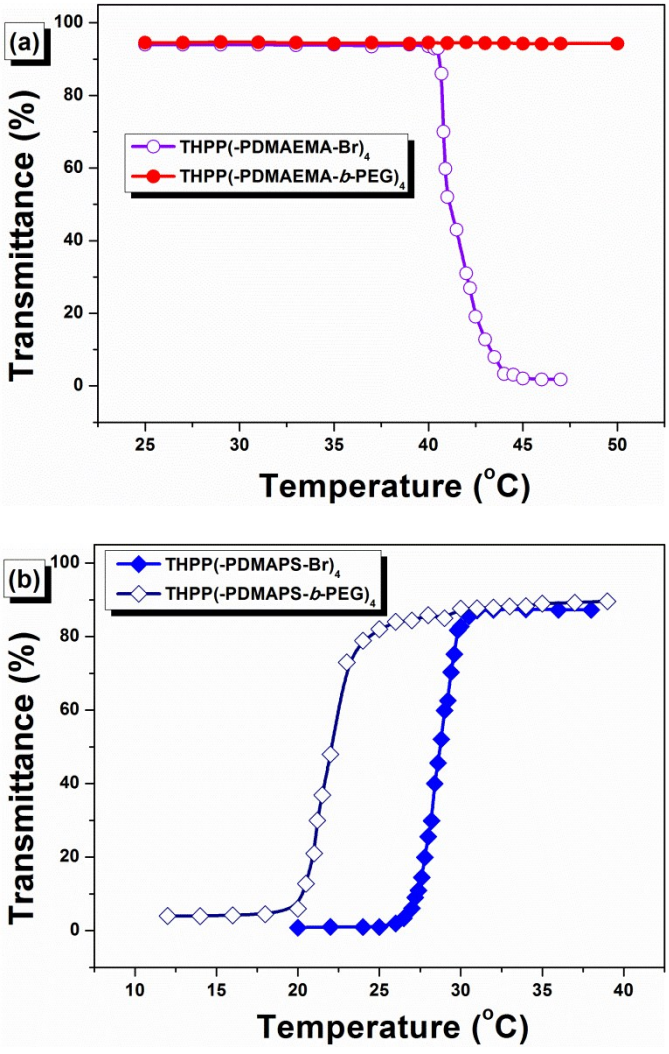

Fig. S2 Transmittance curves of (a) THPP(-PDMAEMA-Br)$_4$ and THPP(-PDMAEMA-*b*-PEG)$_4$, (b) THPP(-PDMAPS-Br)4 and THPP(-PDMAPS-*b*-PEG)$_4$ during cooling process.

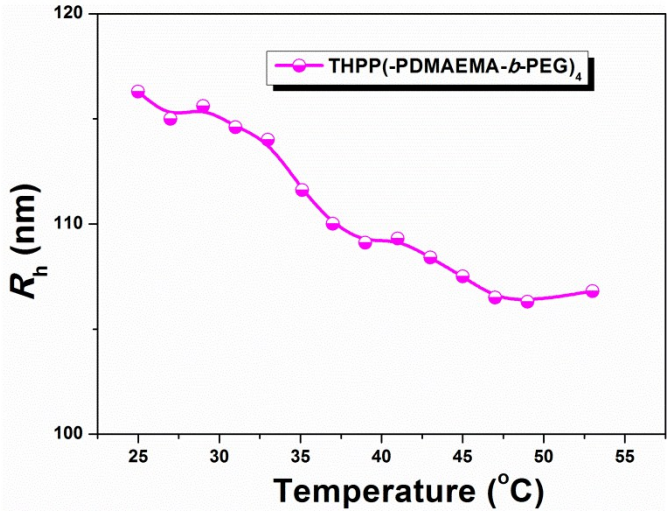

Fig. S3 Temperature dependence of hydrodynamic radius (R_h) for THPP(-PDMAEMA-*b*-PEG)$_4$.