Supplementary Material

Figure S1. UV-Visible spectral changes for the aggregation of 2 (3.4 μM) in different EtOH/H₂O solvent mixtures, T = 298.0 K. Inset: corresponding aggregation curve, at λ = 414 nm.

Figure S2. (a) UV-Visible spectral changes for the aggregation of 3 (3.4 μM) in EtOH/H₂O 85/15 (v:v) at [NaBr] = 0.0385 M, T = 298.0 K. (b) corresponding kinetic profile, at λ = 418 nm.
**Figure S3.** Resonance Light Scattering spectra of porphyrin derivative 4 (3.4 μM) in various media: a) EtOH/H₂O, 15:85 (v/v); b) EtOH/H₂O, 15:85 (v/v), NaBr 0.0385 M; c) EtOH/H₂O, 40:60 (v/v); d) EtOH 100%.

**Figure S4.** CD spectra of porphyrin derivatives 2, 3, and 4 (3.4 μM) in various acetonitrile/water solvent mixtures. a) 4 in MeCN; b) 4 in MeCN/H₂O, 20:80 (v/v); c) 2 in MeCN/H₂O, 45:55 (v/v).