

Functionalized vesicles based on amphiphilic boronic acids: a system for recognizing biologically important polyols

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Supporting material

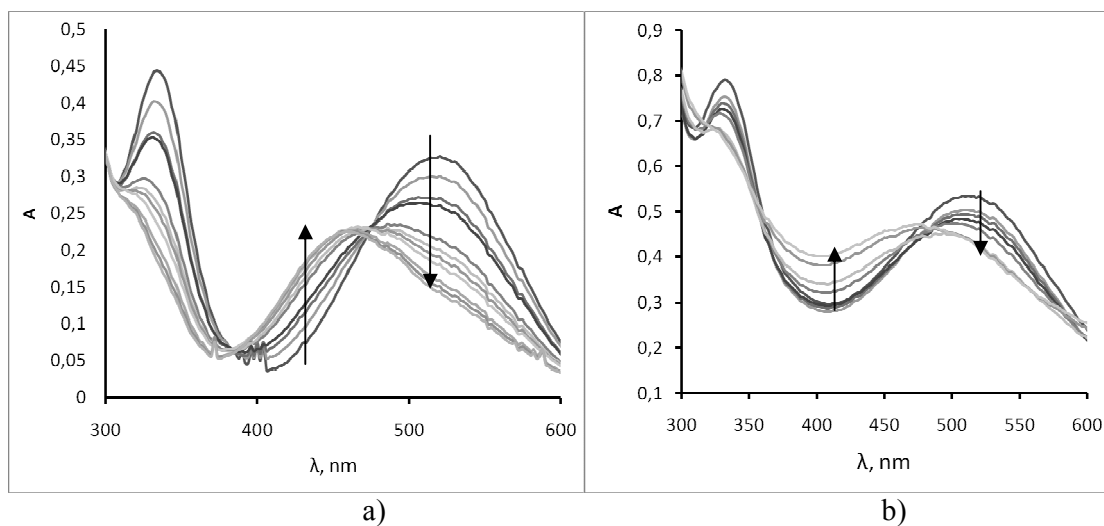


Figure S1: UV-Vis titration of **1** (a) and **2** (b). pH 4...11

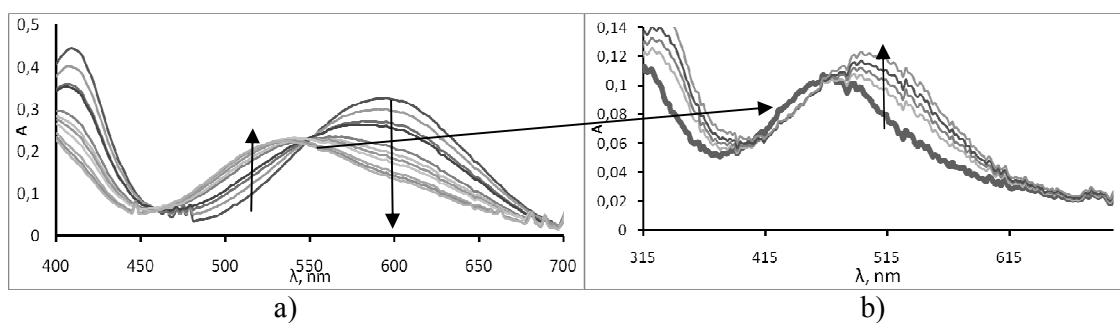


Figure S2: a) Changes in ARS spectra in increase of $[2]_{\text{tot}}$ from 0 to 50 mM at $[ARS] = 0.03$ mM. b) Changes in ARS spectra at $[ARS] = 0.01$ mM and $[2]_{\text{tot}} = 1$ mM ($5 \cdot \text{CAC}$) with increasing concentration of fructose from 0 to 0.24 M

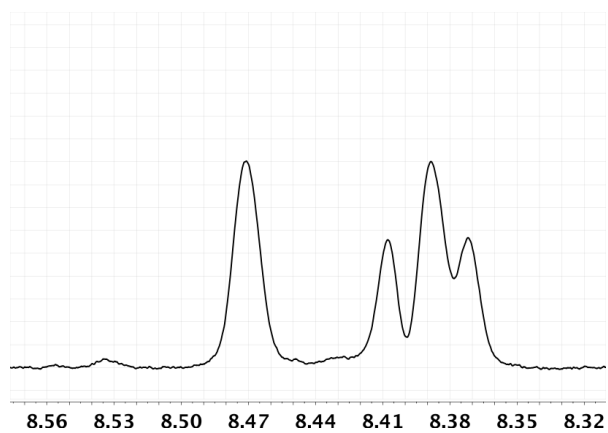


Figure S3: ^1H NMR spectrum of **3** at normalized concentrations $[\text{D}]_t/\text{CAC} = 5$; phosphate buffer (pH 7.4), 10% D_2O . 500 MHz (CryoProbe).