Supplementary Materials

STEREOSELECTIVE ENCAPSULATION FOR A TRIARYLMETHYLIUM *o,o*-DIMER BY NATURAL γ-CYCLODEXTRIN: ORIGIN OF CHIRAL RECOGNITION FOR THE AXIALLY CHIRAL DICATIONIC GUEST

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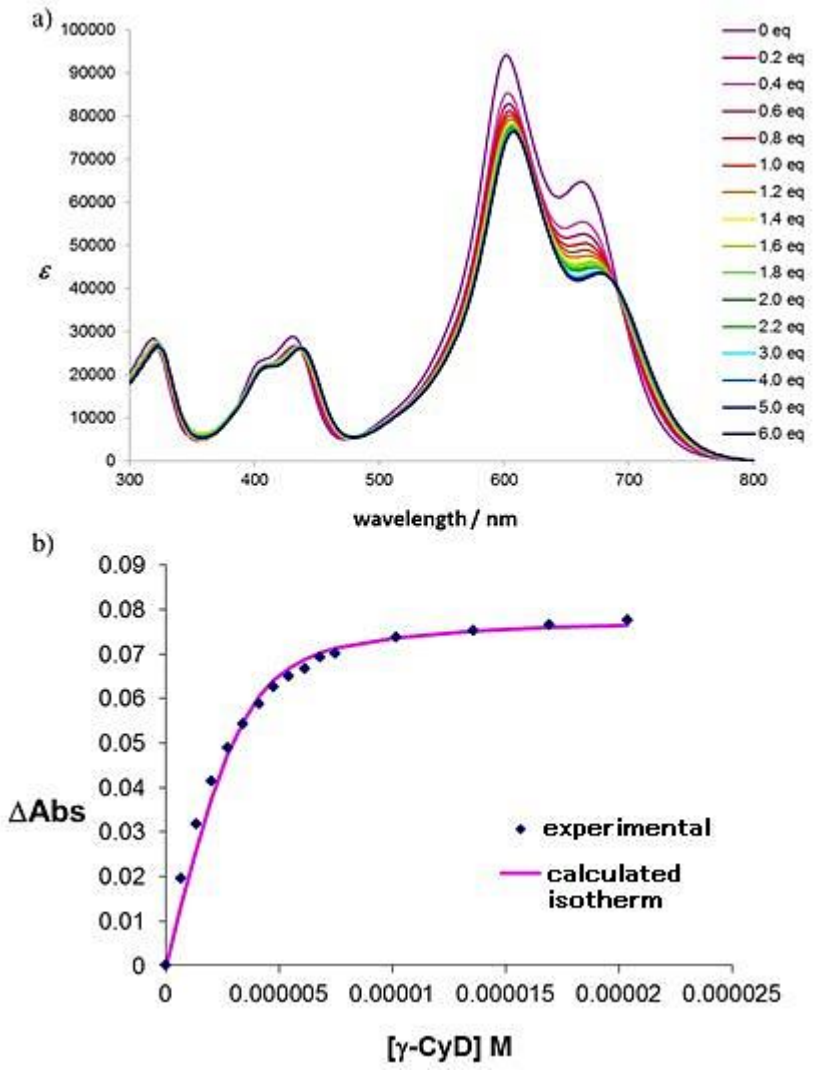

Figure S1. (a) Changes in the UV-Vis spectrum of **1a**$^{2+}$(BF_4^-)$_2$ (3.4×10^{-6} M) in H_2O upon addition of γ-CyD (0.2 - 6.0 equiv.) at 25 ºC. (b) The isotherm plot of ΔAbs at 662 nm.

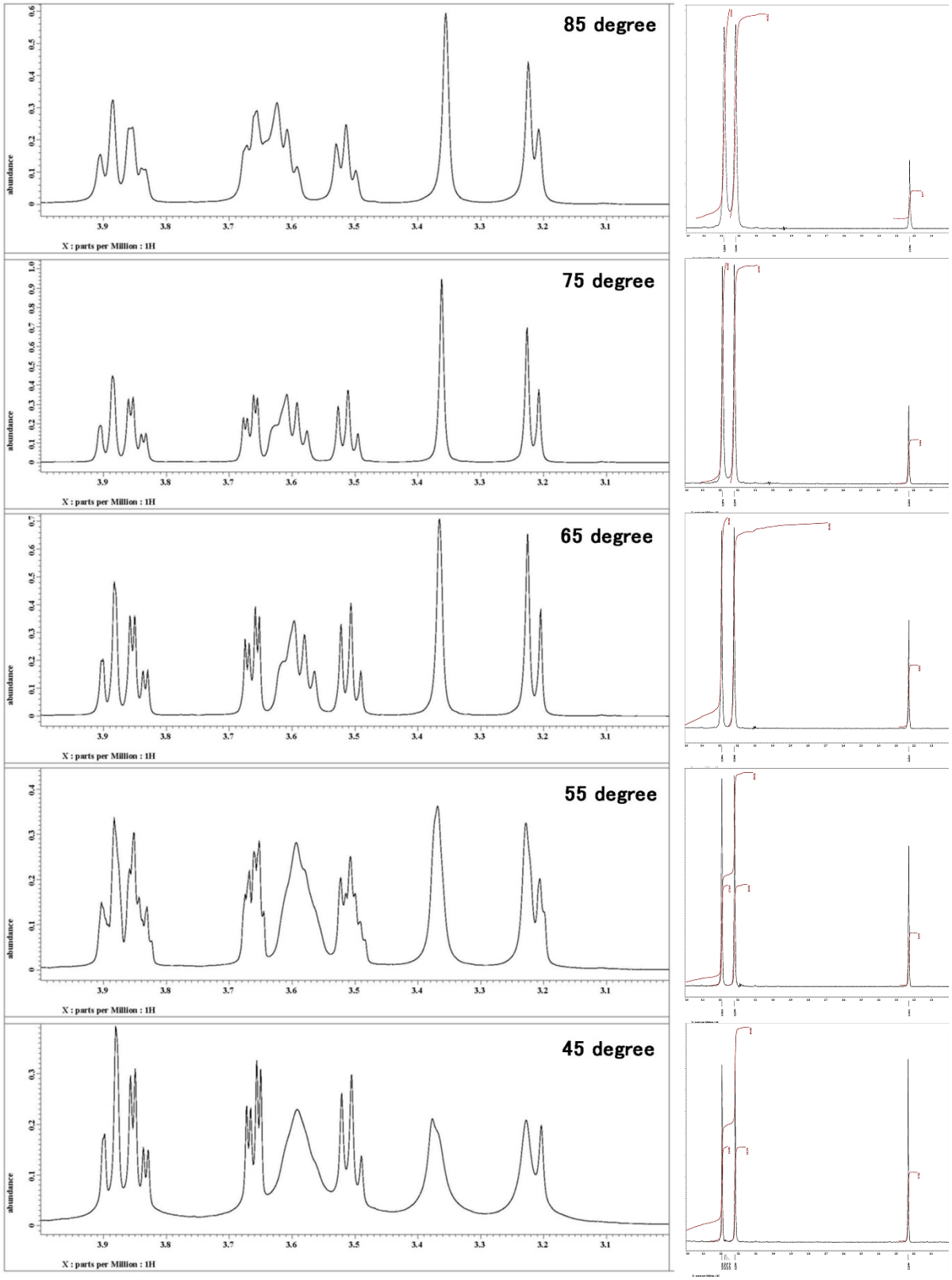

Figure S2. ^{1}H NMR spectrum (aliphatic region) of **1a**$^{2+}$(BF_4^-)$_2$ (1.0 x 10^{-3} M) in the presence (left) and in the absence (right) of γ-CyD (1.0 x 10^{-3} M) in D_2O at different temperatures (85 - 45 ºC). Note that two singlets at 3.30 and 3.22 ppm in the absence of γ-CyD are temperature independent.

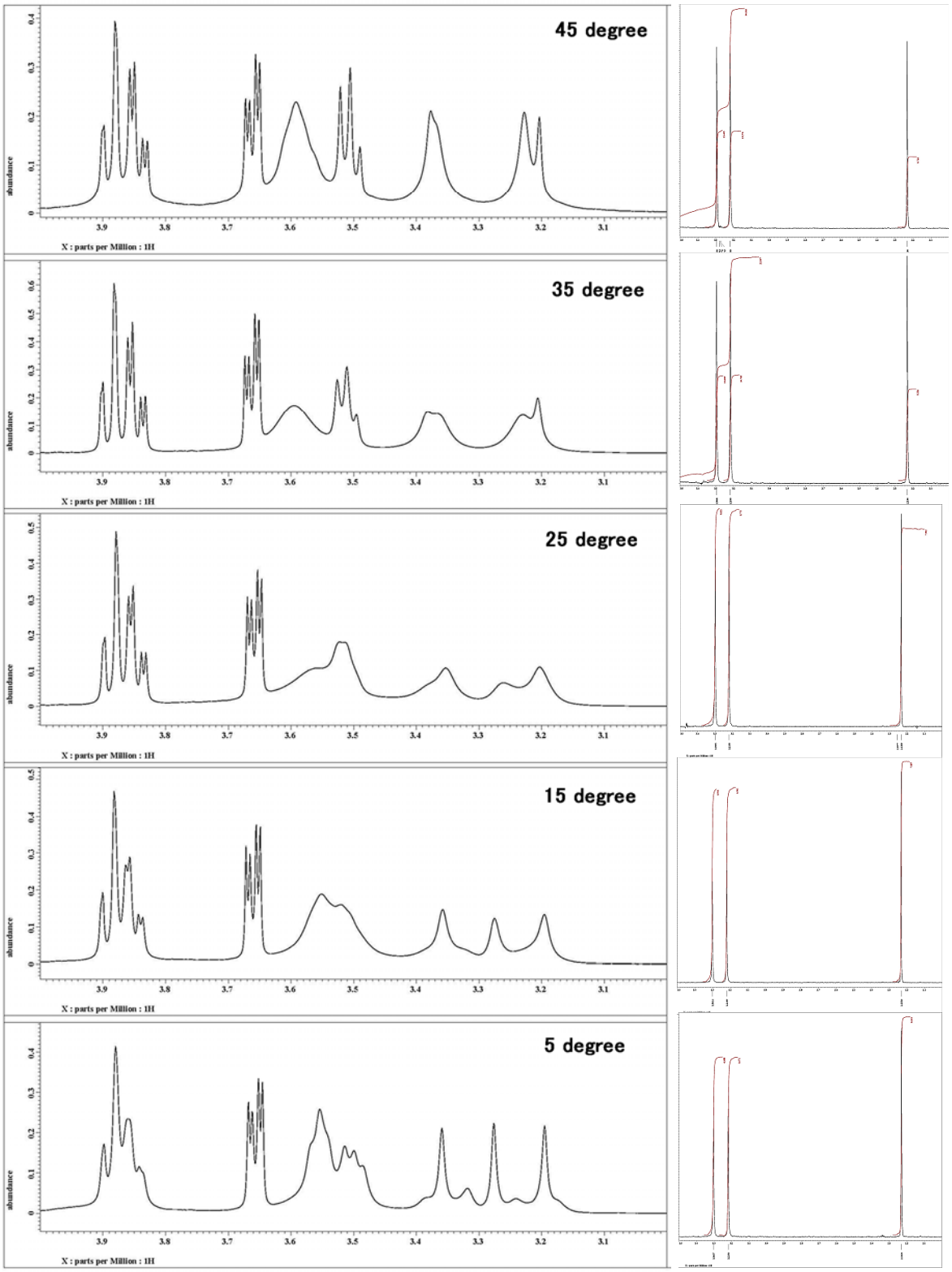

Figure S2'. ^{1}H NMR spectrum (aliphatic region) of **1a**$^{2+}$(BF_4^-)$_2$ (1.0 x 10^{-3} M) in the presence (left) and in the absence (right) of γ-CyD (1.0 x 10^{-3} M) in D_2O at different temperatures (45 - 5 ^{o}C). Note that two singlets at 3.30 and 3.22 ppm in the absence of γ-CyD are temperature independent.