

Supplementary Information

Assembly Behavior of Inclusion Complexes of β -Cyclodextrin with 4-Hydroxyazobenzene and 4-Aminoazobenzene

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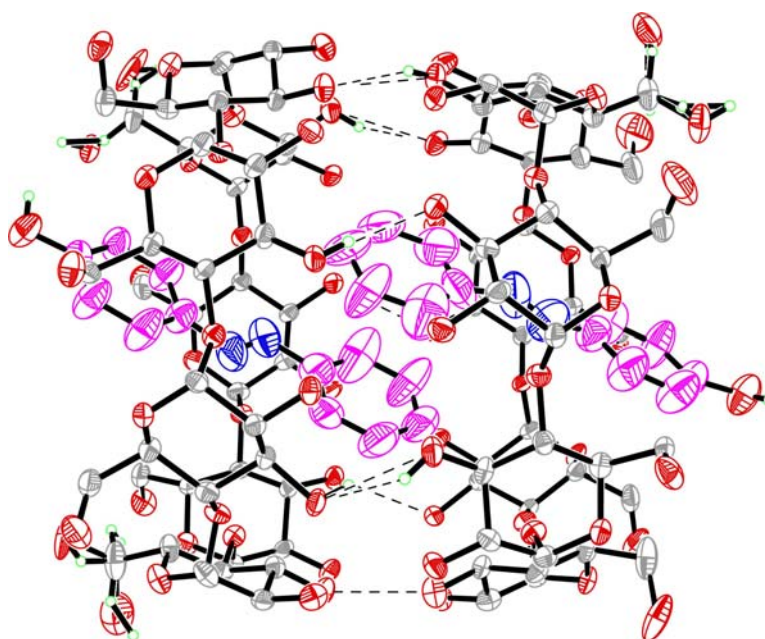


Fig. S1 The ORTEP plot of the crystal **1**. (The probability level for the ellipsoids is 30%)

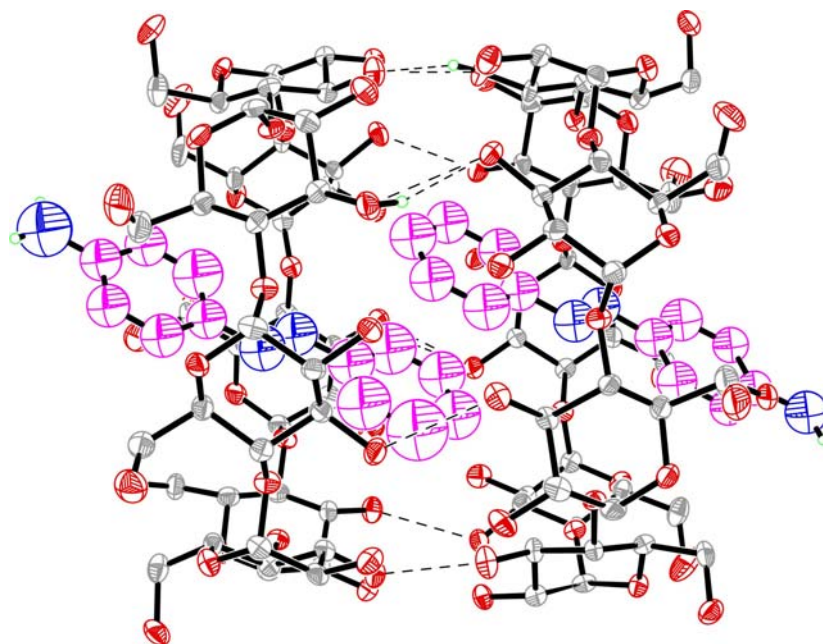


Fig. S2 The ORTEP plot of the crystal **2**. (The probability level for the ellipsoids is 30%)

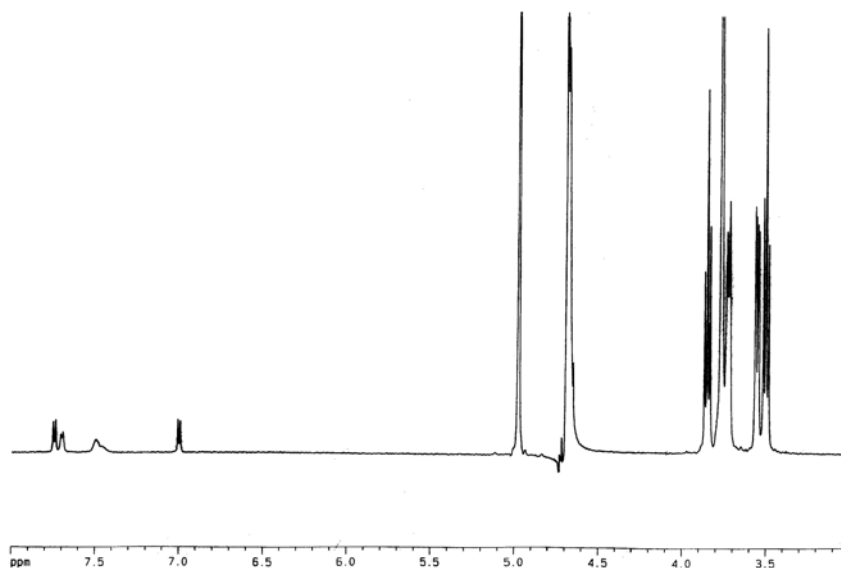


Fig. S3 ¹H NMR spectrum of complex **1** (2.0×10^{-3} mol dm⁻³) in D₂O at 25 °C.

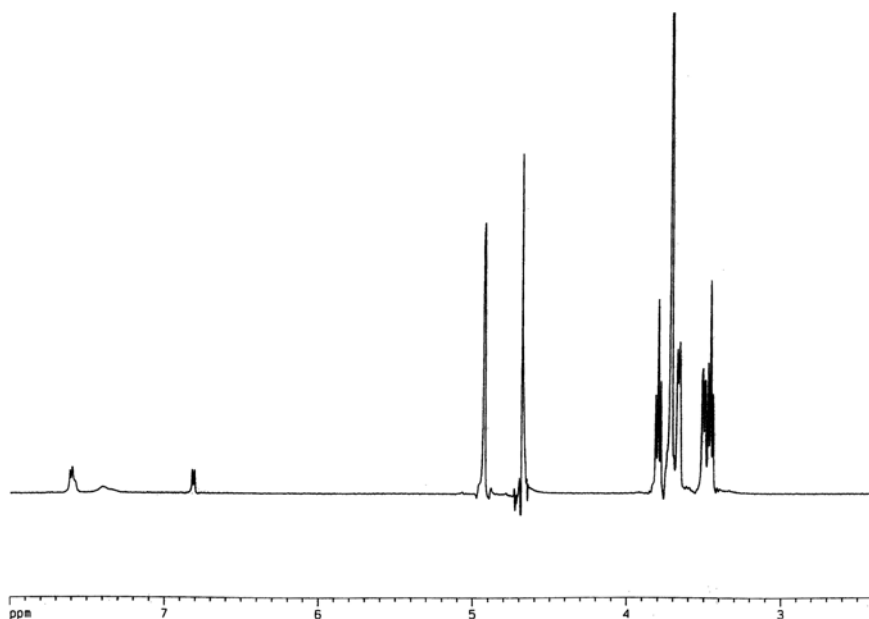


Fig. S4 ¹H NMR spectrum of complex **2** (1.8×10^{-3} mol dm⁻³) in D₂O at 25 °C.

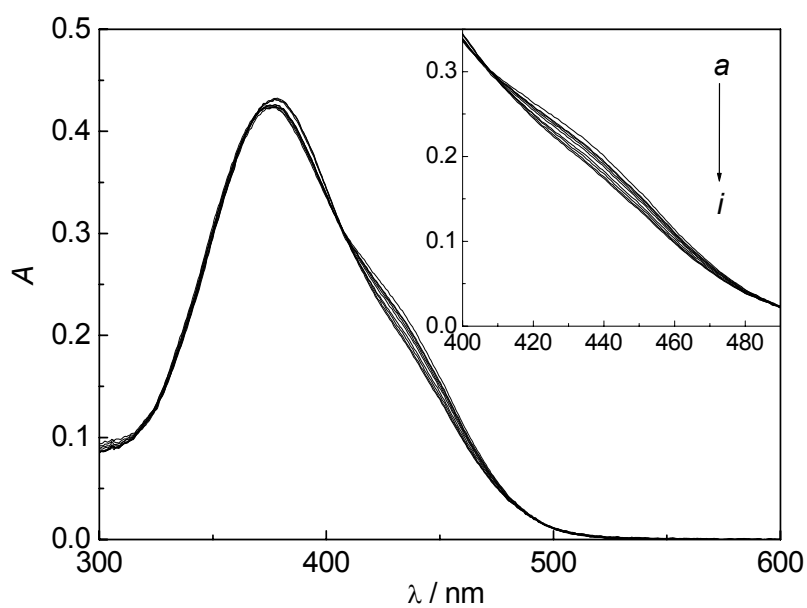


Fig. S5 UV-vis spectra of 4-AAB (2.0×10^{-5} mol dm⁻³) in the presence of β-CD (0, 8.4, 10.5, 15.8, 21.0, 31.5, 52.5, 73.5, and 84.0×10^{-5} mol dm⁻³ from *a* to *i*) in phosphate buffer aqueous solution (pH 7.20) at 25 °C, λ = 436.0 nm.

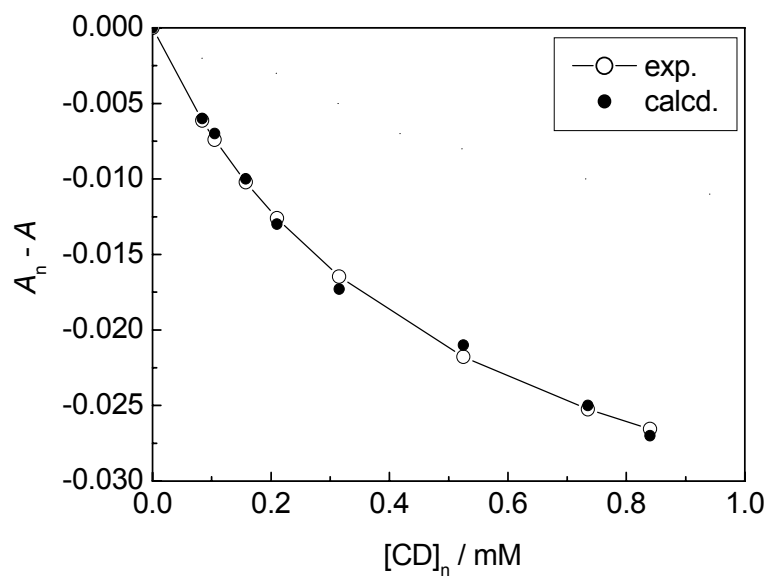


Fig. S6 Curve-fitting analyses for the complexation of 4-AAB with β -CD in phosphate buffer aqueous solution (pH 7.20) at 25 °C. ($\lambda = 436.0 \text{ nm}$)