

Supporting Information (SI)

Host-guest complexation of APP+ with cucurbit[7]uril. Theoretical and experimental studies on the supramolecular inhibition of its cytotoxicity on SERT.

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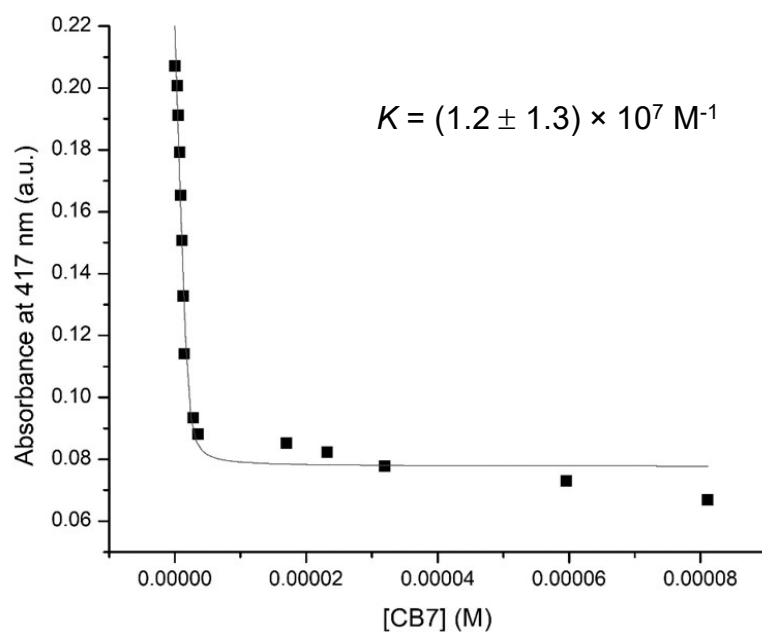


Figure S1. UV-Vis spectrophotometric host-guest titration of **AAP⁺** (2 μ M) with CB[7] in aqueous solution.

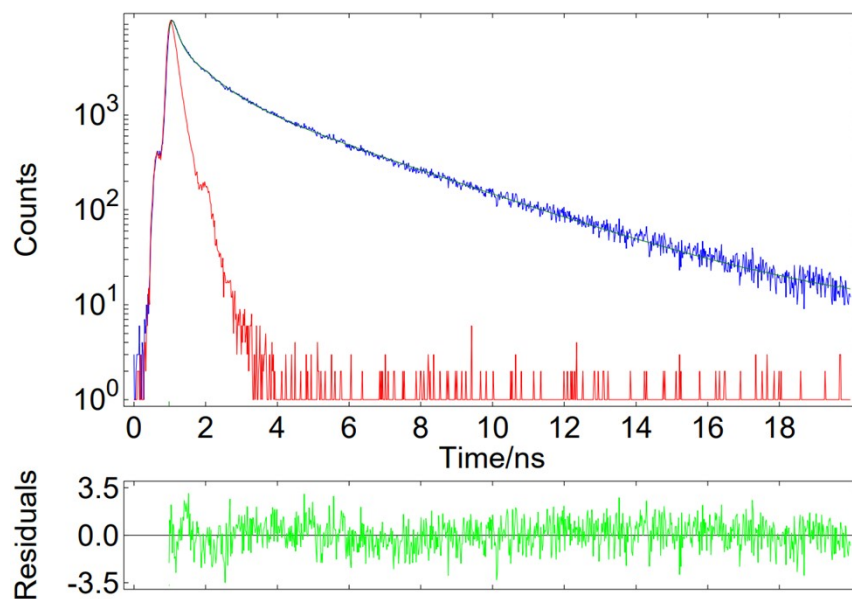


Figure S2(A). Fluorescence decay of **AAP⁺** (1.6 μ M) in aqueous solution (blue line). Excitation wavelength at 458 nm and emission wavelength at 512 nm. The instrument response function is also shown in the figure (red line).

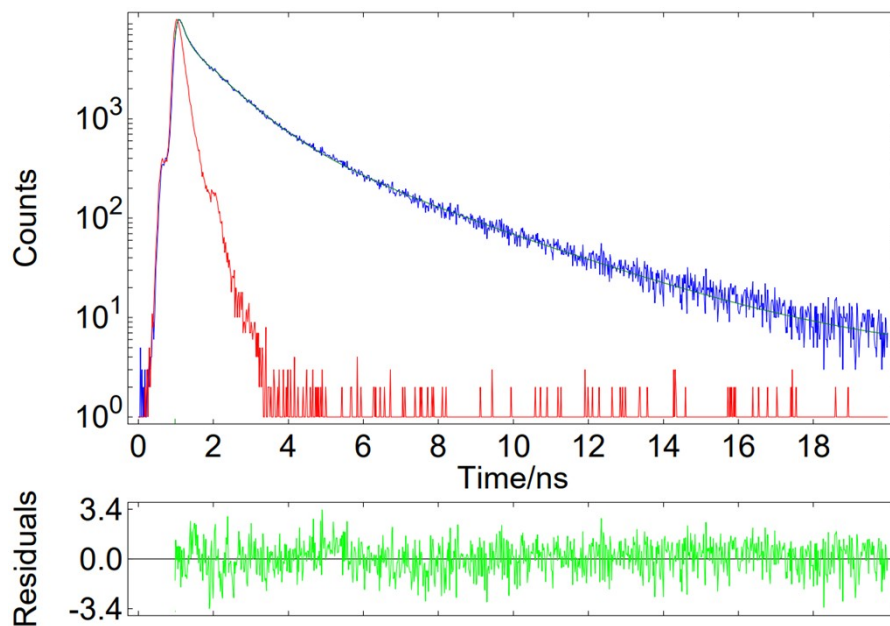


Figure S2(B). Fluorescence decay of **AAP⁺** (1.6 μM) in the presence of CB[7] (16.3 μM) (blue line). Excitation wavelength at 458 nm and emission wavelength at 512 nm. The instrument response function is also shown in the figure (red line).

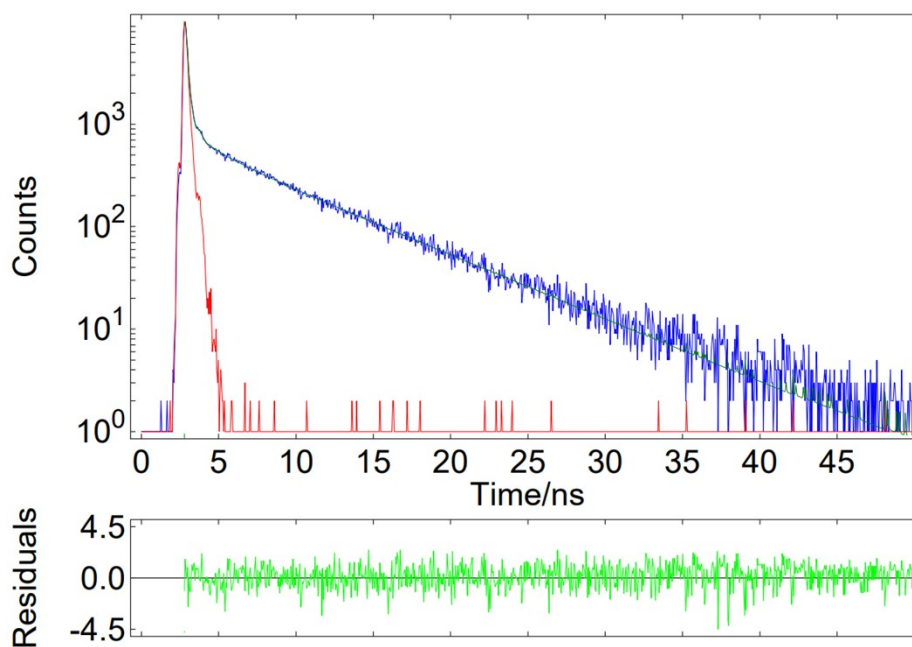


Figure S3. Fluorescence decay of **AAP⁺** (1.6 μM) in acetonitrile. Excitation wavelength at 458 nm and emission wavelength at 512 nm. The instrument response function is also shown in the figure (red line).

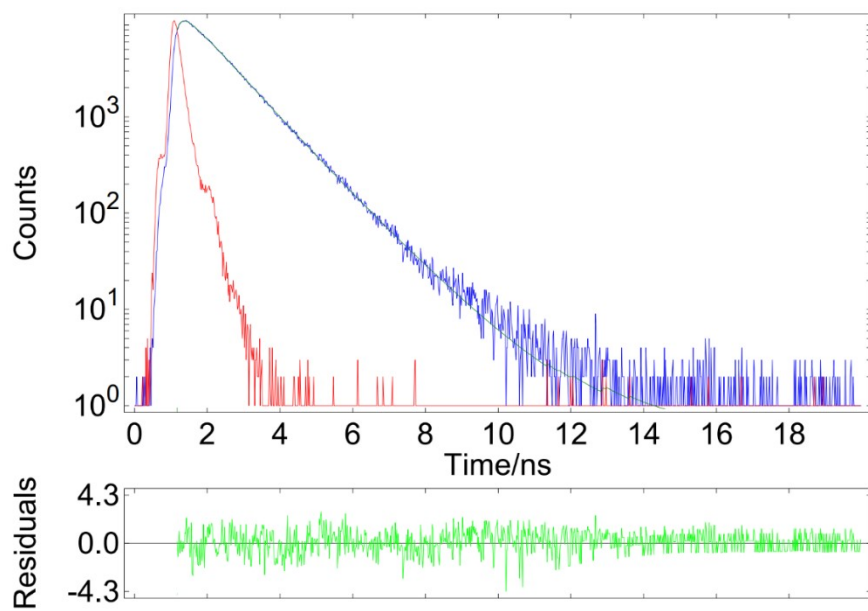


Figure S4. Fluorescence decay of **AAP⁺** (1.6 μM) in dichloromethane. Excitation wavelength at 458 nm and emission wavelength at 512 nm. The instrument response function is also shown in the figure (red line).

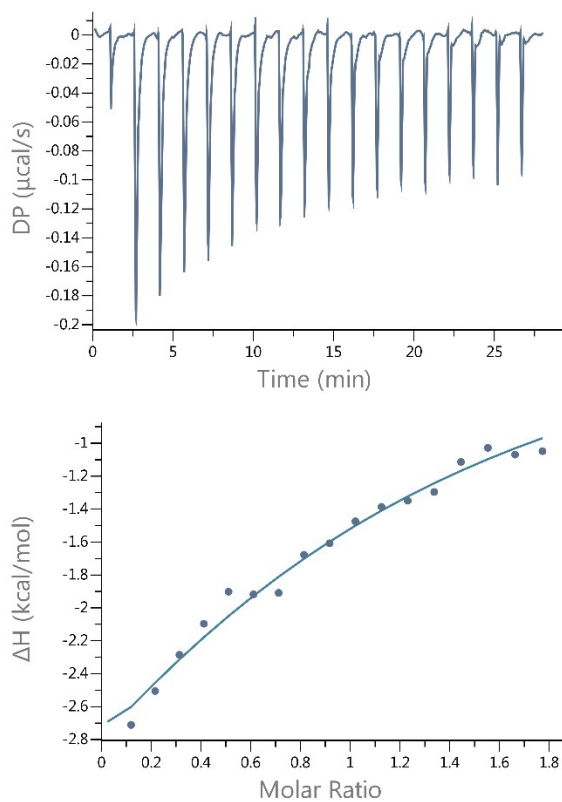


Figure S5. ITC enthalpogram for the binding of **APP⁺** with CB[7] at 25°C in 0.01 M Phosphate-buffered saline (PBS).