Supplementary Material (ESI) for Chemical Communications

SUPPLEMENTARY INFORMATION

A supramolecular approach to the selective detection of dopamine in the presence of ascorbate

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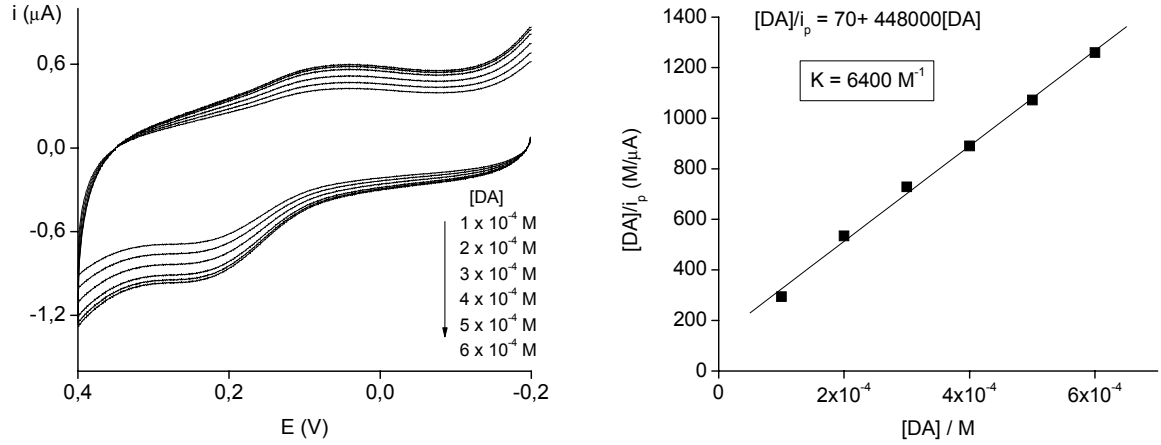

Fig. S1 CV recorded at different DA concentrations (left) and the corresponding Langmuir plot (right). Supporting electrolyte: phosphate buffer pH 7 (0.1 M), scan rate: 0.1 V/s.

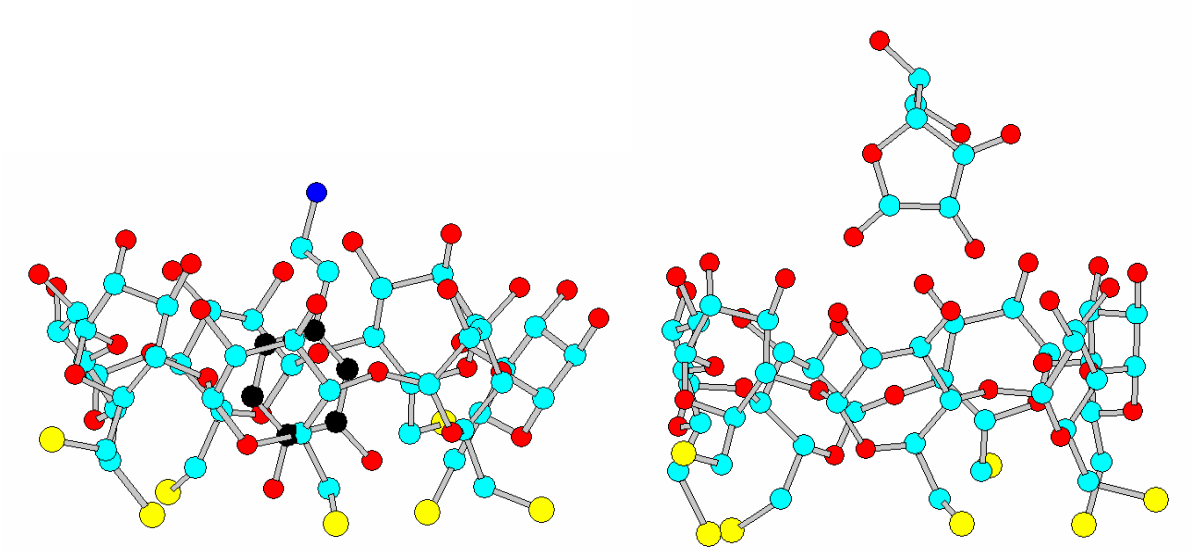

Fig. S2 Optimized geometries (AM1) obtained for the inclusion complexes of DA (left) and AA (right) in *heptakis*-6-thio-6-deoxy-bCD. The carbon atoms of DA have been highlighted in black and hydrogen atoms have been omitted for clarity. Atom colors are: C, cyan; O, red; N, blue; S, yellow.