

Rigidity-Stability Relationship in Interlocked Model Complexes Containing Phenylene-ethynylene-Based Disubstituted Naphthalene and Benzene

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Supporting Information

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ITC Titration Experiments for the Compounds **2** and **4** with the **CBPQT⁴⁺** Ring:

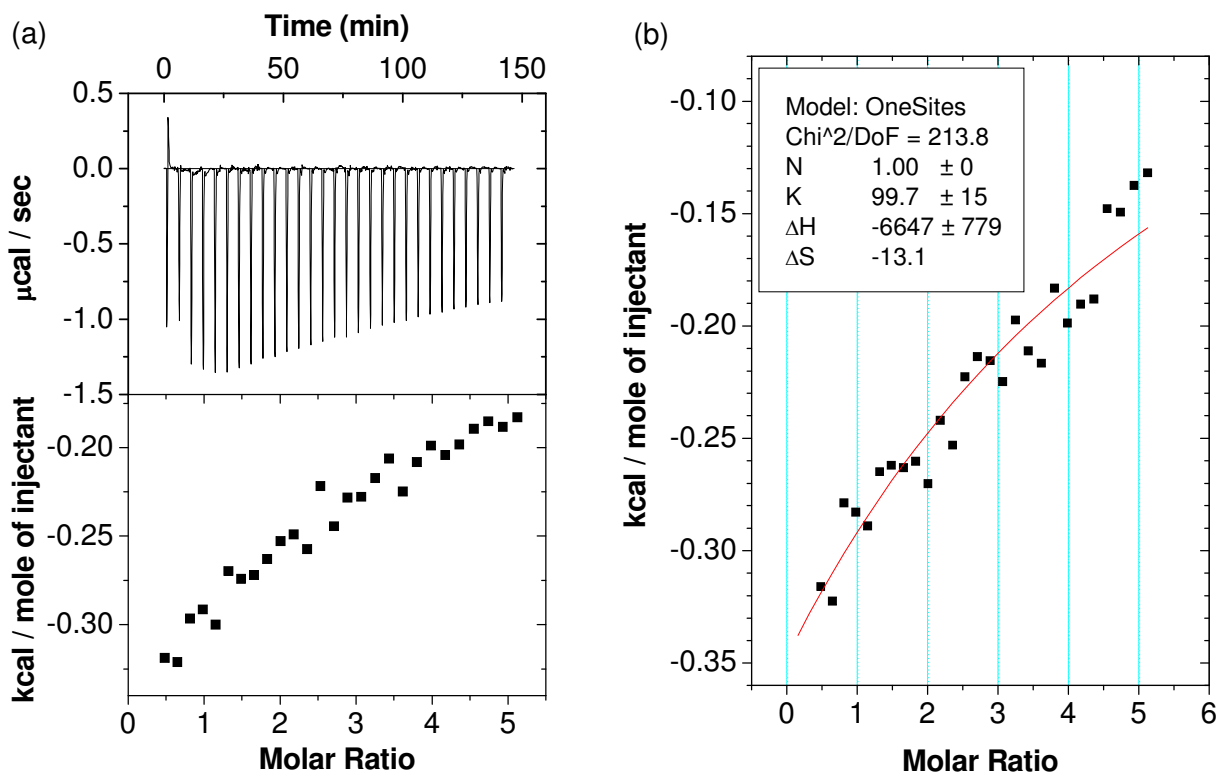


Figure S1. Typical calorimetric titration of the compound **2** with **CBPQT⁴⁺** in MeCN at 25 °C.

(a) Upper panel: Raw data for sequential injections of **2** solution into **CBPQT⁴⁺** solution; Lower panel: Heats of reaction obtained from the integration of the calorimetric traces. (b) "Net" heat effect obtained by subtracting the heat of dilution from the heat of reaction, which was analyzed by computer simulation using the "one set of binding sites" model.

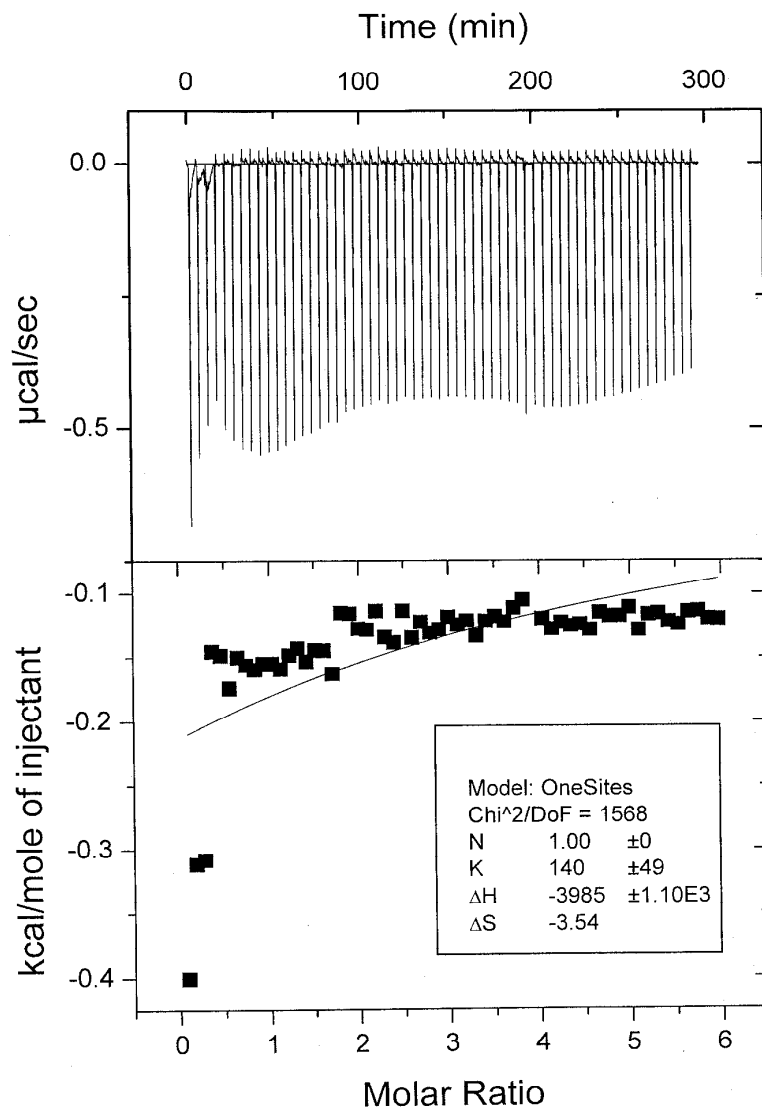


Figure S2. Typical calorimetric titration of the compound **4** with **CBPQT⁴⁺** in MeCN at 25 °C.

Upper panel: Raw data for sequential injections of **4** solution into **CBPQT⁴⁺** solution; Lower panel: Heats of reaction obtained from the integration of the calorimetric traces.