

Spectroscopic and crystallographic studies on the stability of self-assembled coordination nanotubes

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Supplementary information for the NMR data of **2b**•**3**¹⁴⁺ and **2a**•**4**²⁰⁺

Figure S1. ¹H NMR of **2b**•**3**¹⁴⁺ (D₂O, 25 °C)

Figure S2. ¹H-¹H COSY of **2b**•**3**¹⁴⁺ (D₂O, 25 °C)

Figure S3. Relational ¹H-¹H COSY of **2b**•**3**¹⁴⁺ (D₂O, 25 °C)

Figure S4. NOESY of **2b**•**3**¹⁴⁺ (D₂O, 25 °C)

Figure S5. ¹H NMR of **2a**•**4**²⁰⁺ (D₂O, 27 °C)

Figure S6. ¹³C NMR of **2a**•**4**²⁰⁺ (D₂O, 27 °C)

Figure S7. ¹H-¹H COSY of **2a**•**4**²⁰⁺ (D₂O, 27 °C)

Figure S8. NOESY of **2a**•**4**²⁰⁺ (D₂O, 27 °C)

Figure S9. ¹³C-¹H COSY of **2a**•**4**²⁰⁺ (D₂O, 27 °C)

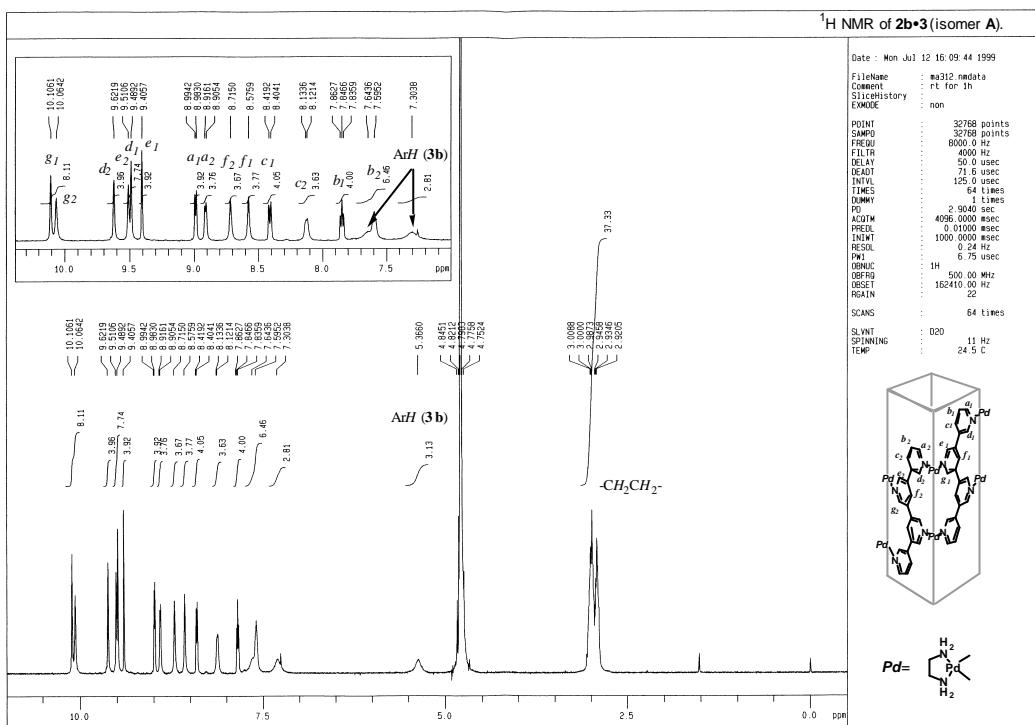


Figure S1. ^1H NMR of **2b**• 3^{14+} (D_2O , 25 °C)

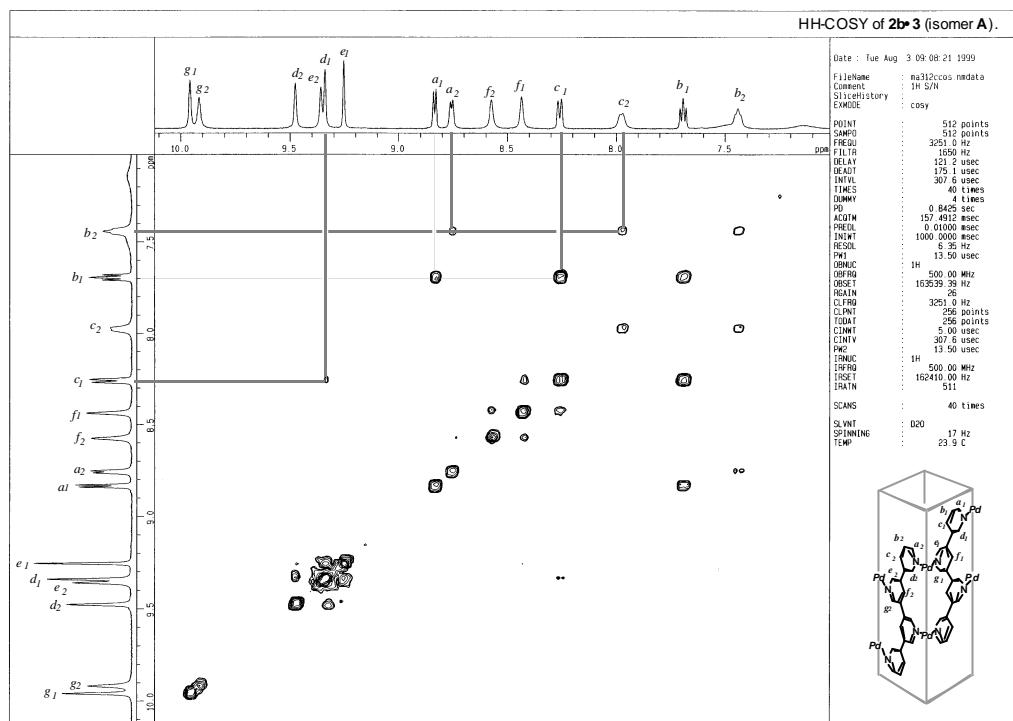


Figure S2. ^1H - ^1H COSY of **2b** \bullet **3** $^{14+}$ (D_2O , 25 °C)

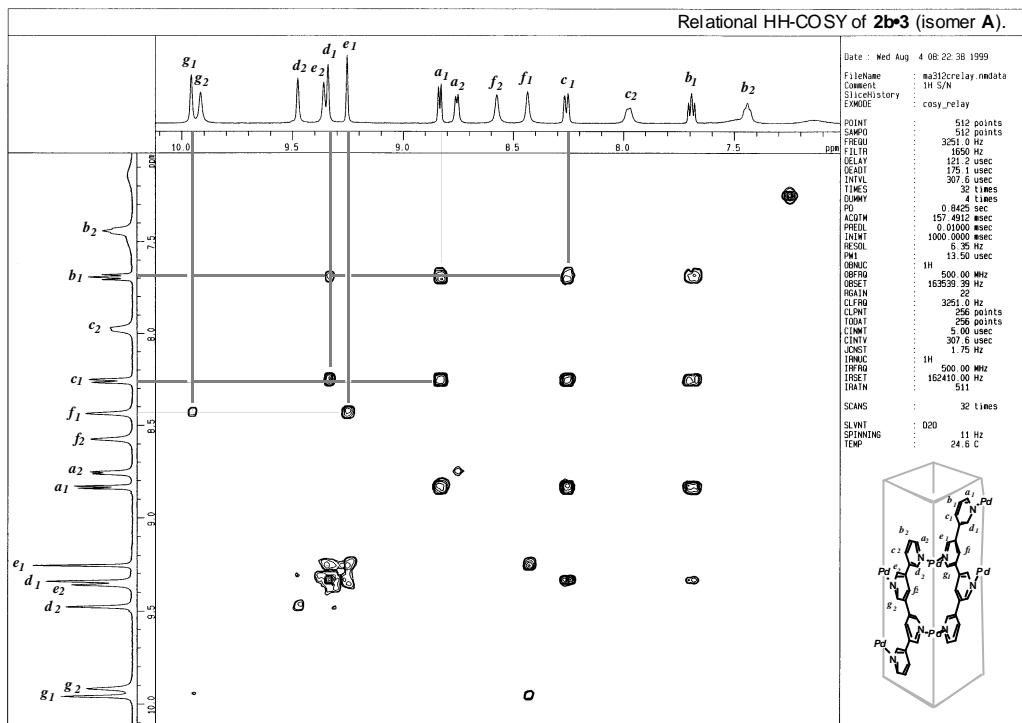


Figure S3. Relational ^1H - ^1H COSY of **2b** \bullet **3** $^{14+}$ (D_2O , 25 °C)

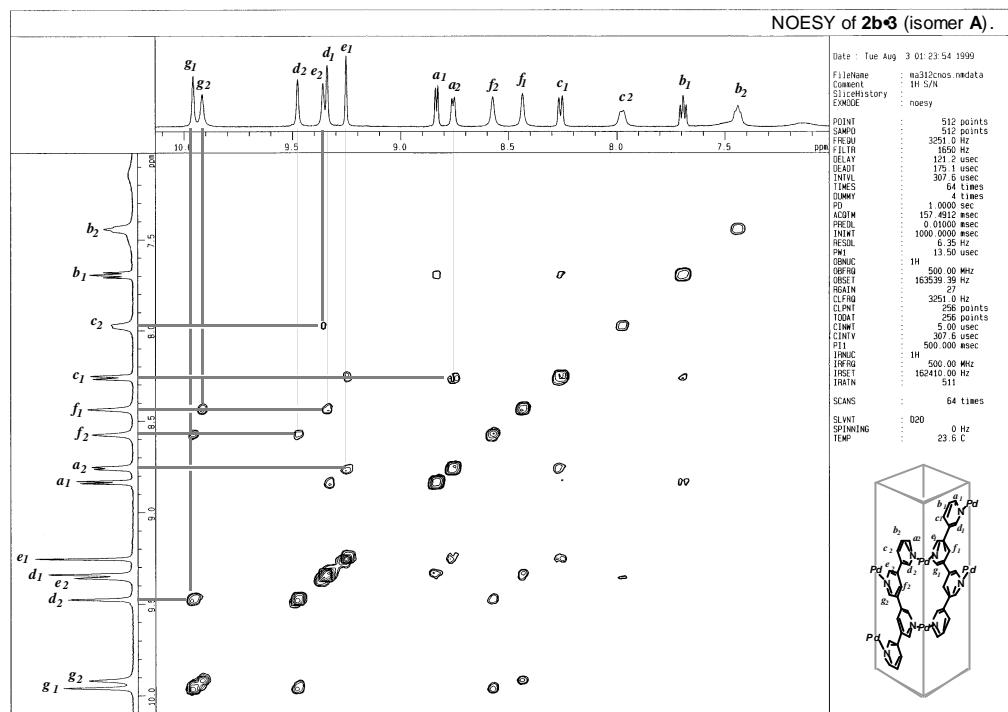


Figure S4. NOESY of **2b**•**3**¹⁴⁺ (D₂O, 25 °C)

¹H NMR of 2a•4

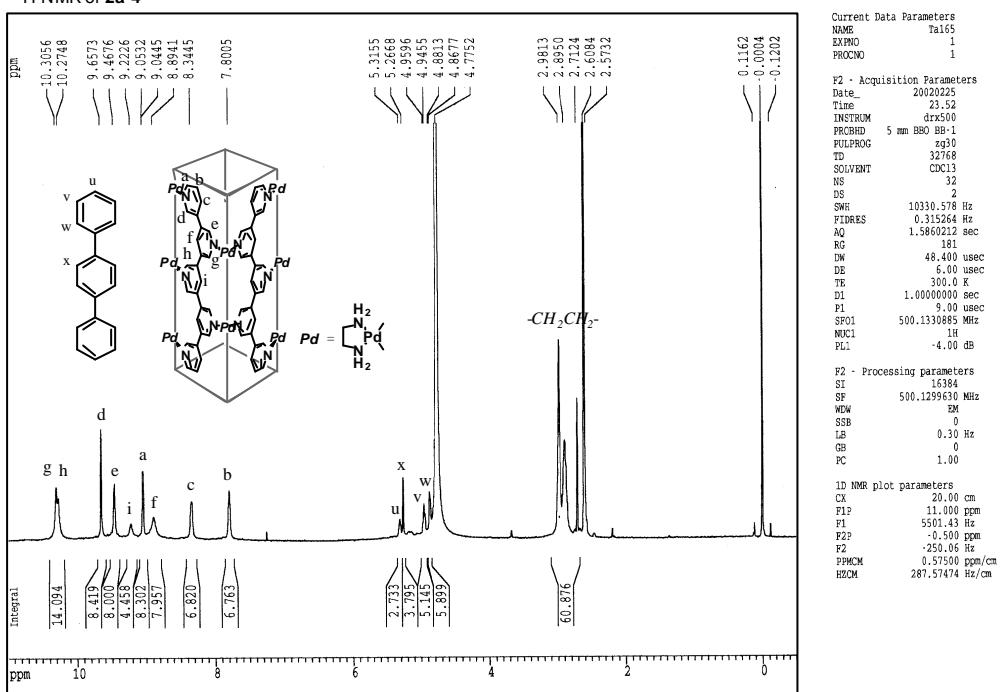


Figure S5. ¹H NMR of 2a•4²⁰⁺ (D₂O, 27 °C)

¹³C NMR of 2a•4

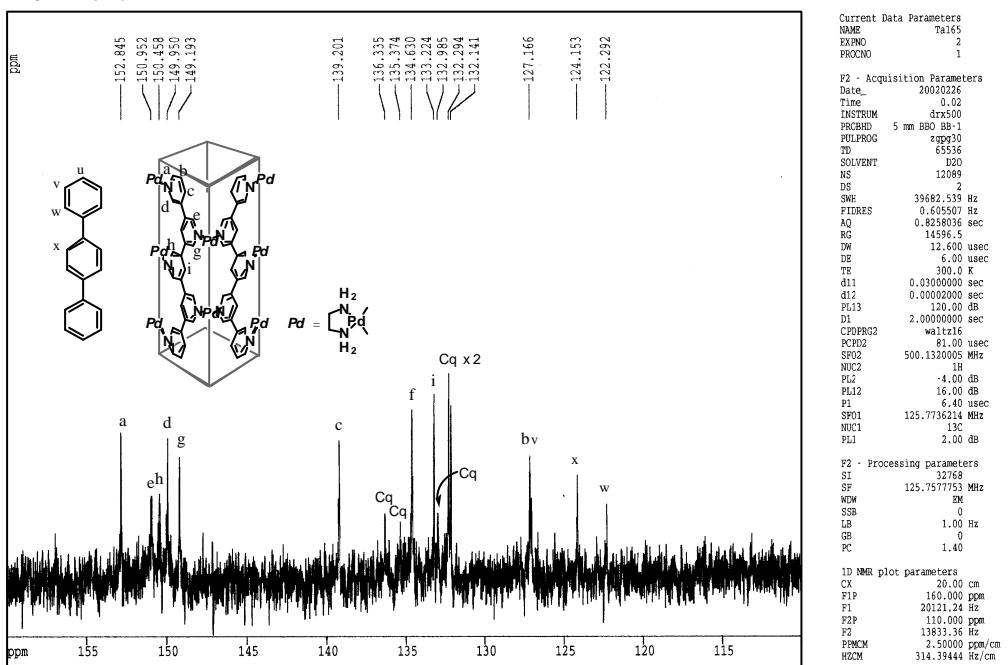


Figure S6. ¹³C NMR of 2a•4²⁰⁺ (D₂O, 27 °C)

HH-COSY of **2a•4**

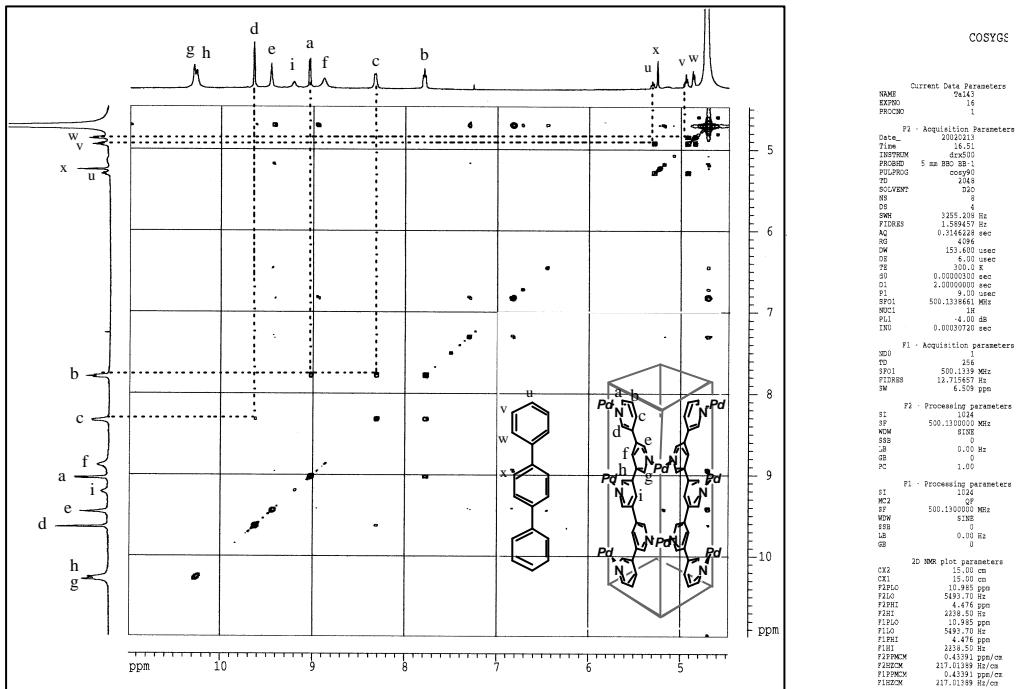


Figure S7. ¹H-¹H COSY of **2a•4**²⁰⁺ (D₂O, 27 °C)

NOESY of **2a•4**

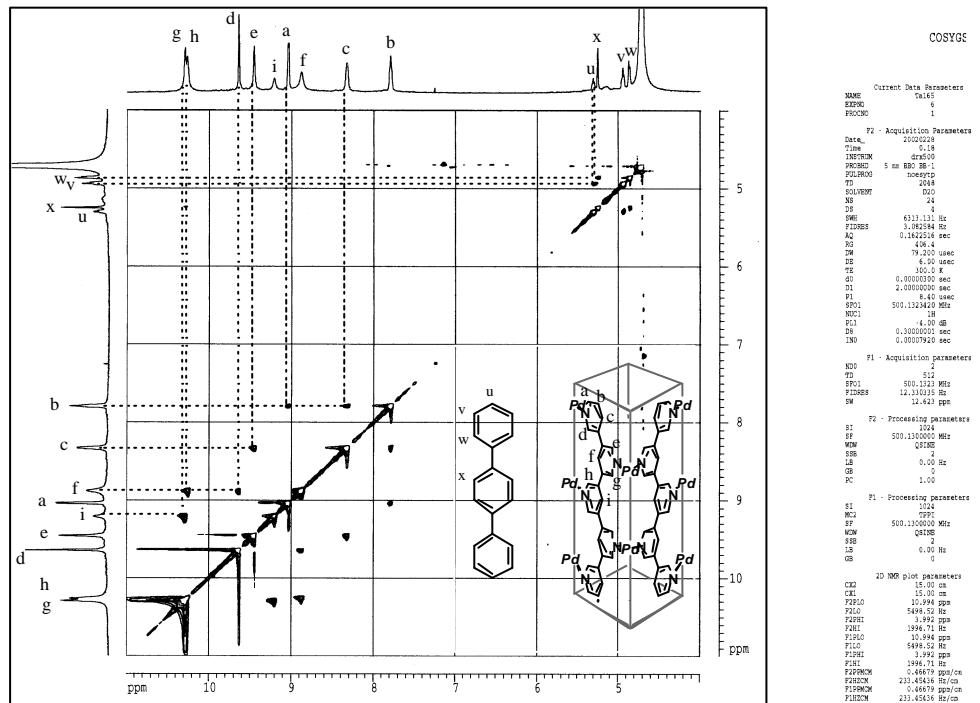


Figure S8. NOESY of **2a•4**²⁰⁺ (D₂O, 27 °C)

CH-COSY of **2a•4**

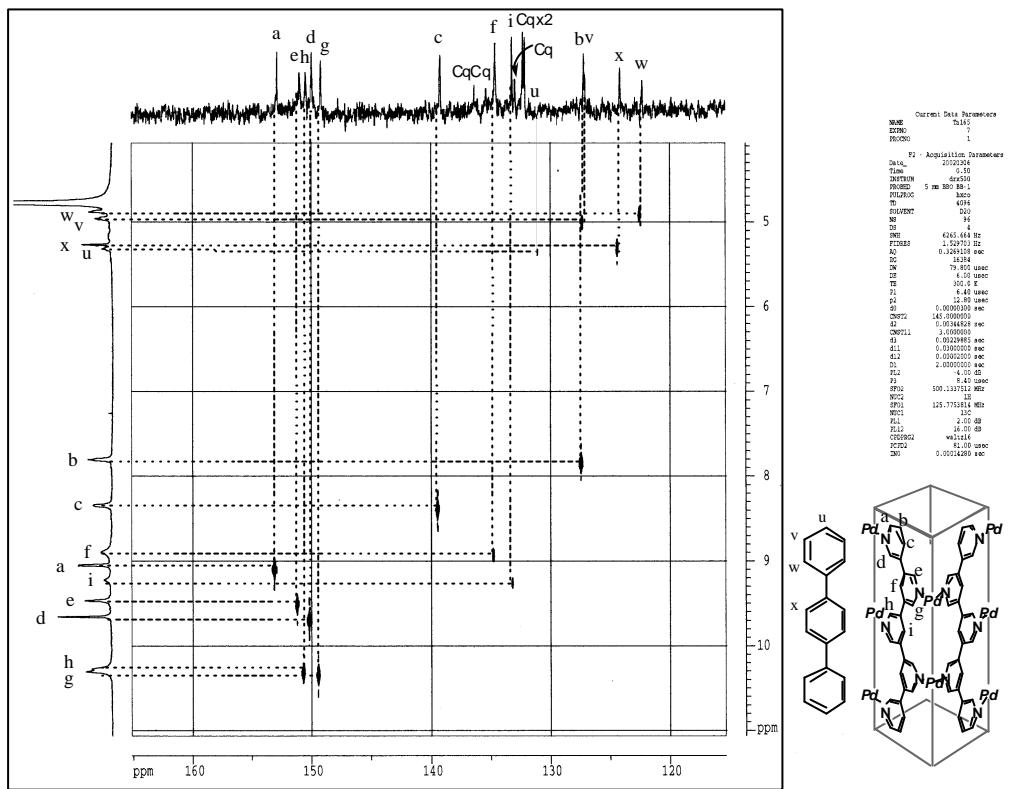


Figure S9. ^{13}C - ^1H COSY of **2a•4** $^{20+}$ (D_2O , 27 °C)