

SUPPORTING INFORMATION

Article

Synthesis, Structure, and Reactivity of Molybdenum– and Tungsten–Indane Complexes with Tris(pyrazolyl)borate Ligand

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NMR spectra of all new compounds

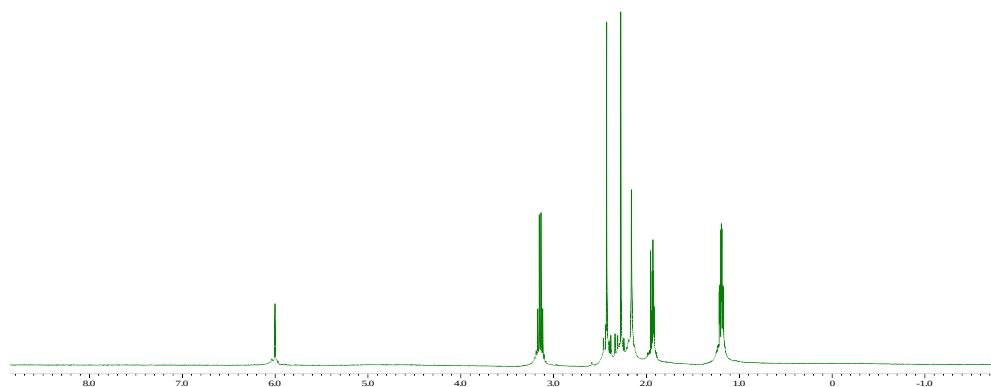


Figure S1. ¹H NMR spectrum (400 MHz, CD₃CN, 20 °C) of **1**.

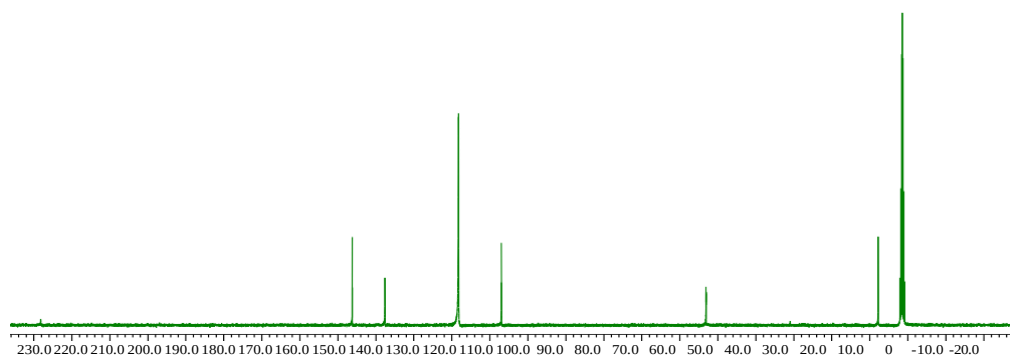


Figure S2. ¹³C NMR spectrum (100.4 MHz, CD₃CN, 20 °C) of **1**.

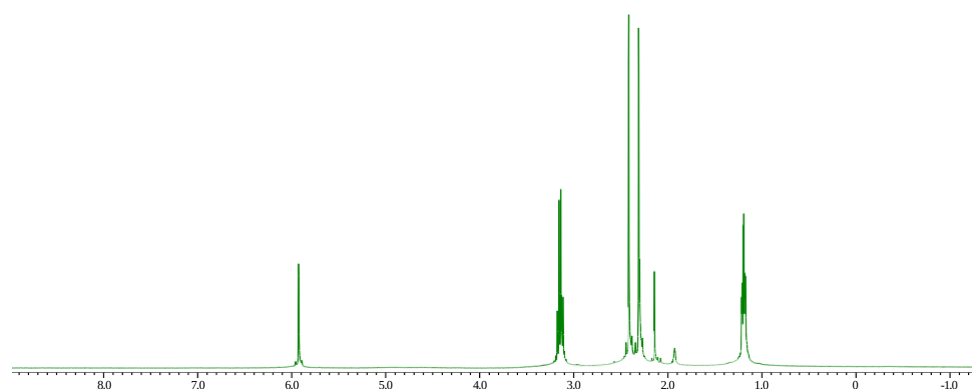


Figure S3. ¹H NMR spectrum (400 MHz, CD₃CN, 20 °C) of **2**.

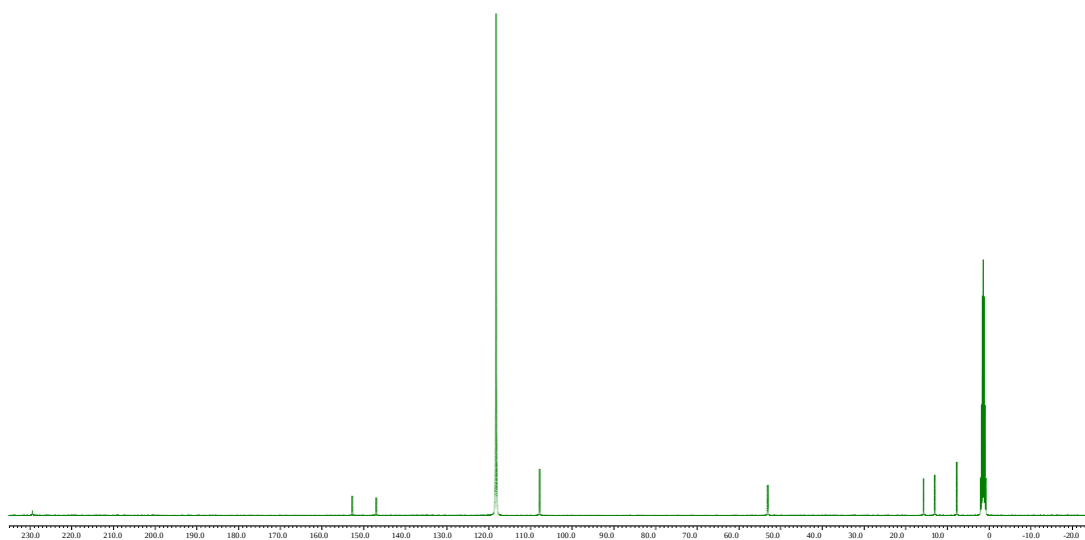


Figure S4. ^{13}C NMR spectrum (100.4 MHz, CD_3CN , 20 $^\circ\text{C}$) of **2**.

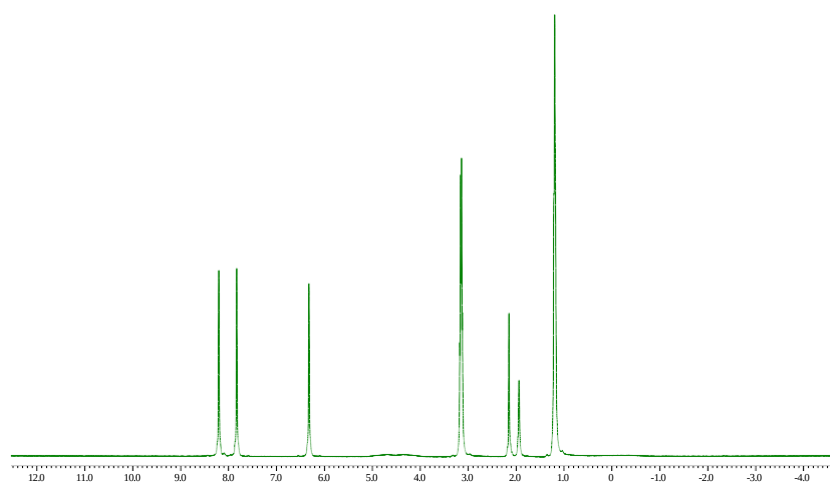


Figure S5. ^1H NMR spectrum (400 MHz, CD_3CN , 20 $^\circ\text{C}$) of **3**.

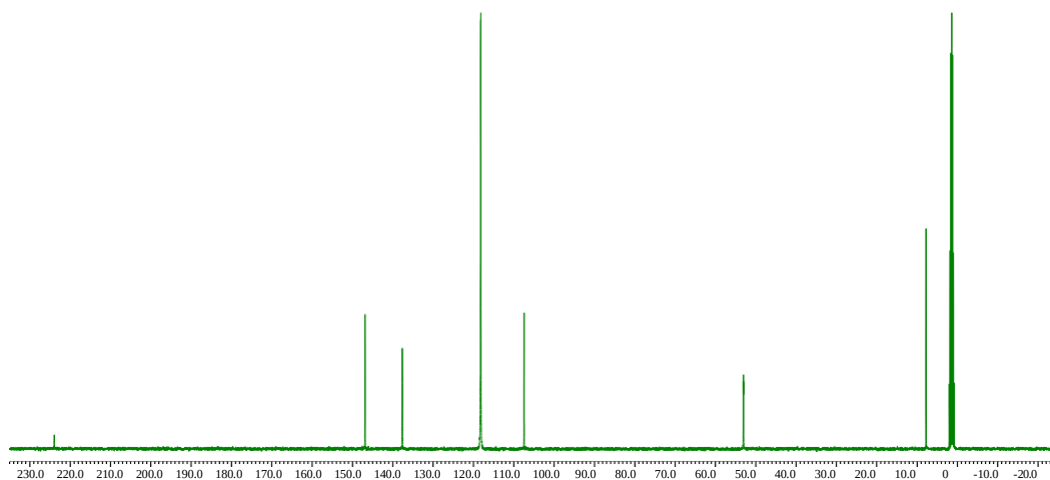


Figure S6. ^{13}C NMR spectrum (100.4 MHz, CD_3CN , 20 $^\circ\text{C}$) of **3**.

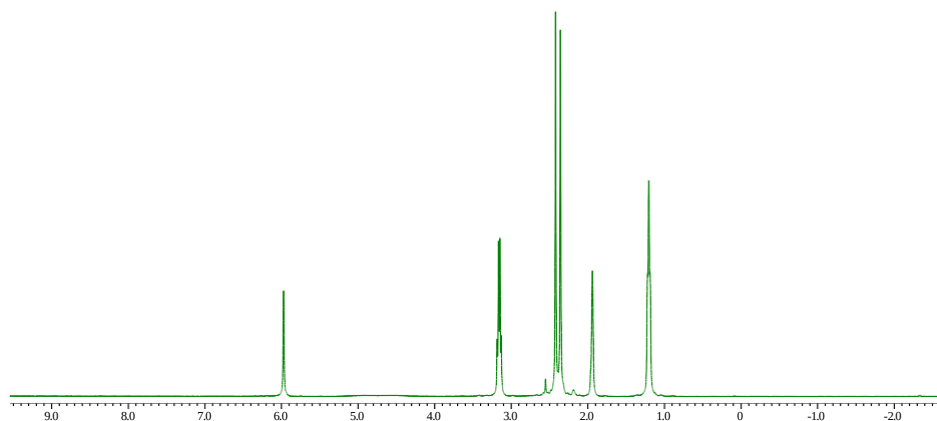


Figure S7. ^1H NMR spectrum (400 MHz, CD_3CN , 20 $^\circ\text{C}$) of **4**.

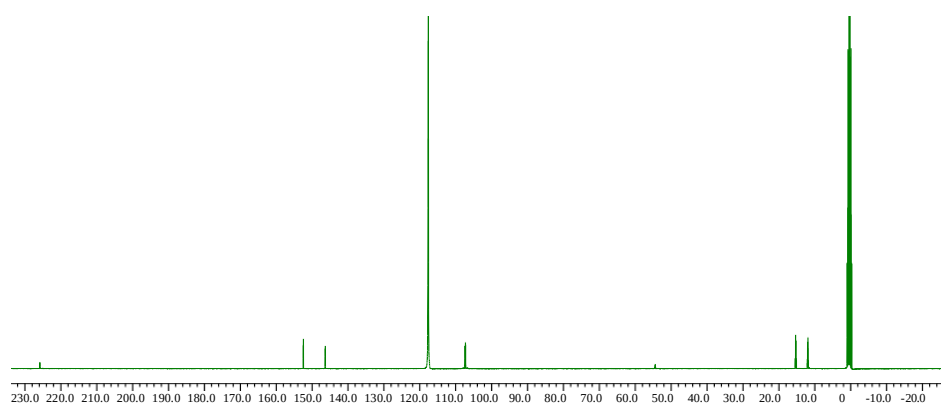


Figure S8. ^{13}C NMR spectrum (100.4 MHz, CD_3CN , 20 $^\circ\text{C}$) of **4**.

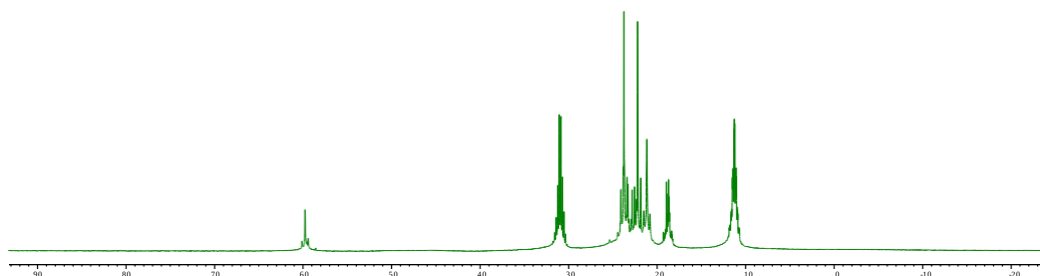


Figure S9. ^1H NMR spectrum (400 MHz, CD_3CN , 20 $^\circ\text{C}$) of **5**.

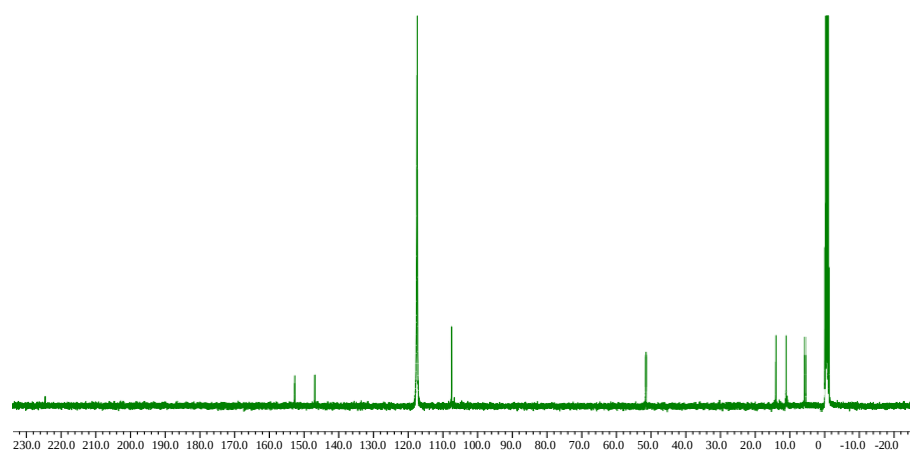


Figure S10. ^{13}C NMR spectrum (100.4 MHz, CD_3CN , 20 $^\circ\text{C}$) of **5**.

Crystal packing of **1-5** and $\text{Et}_4\text{N}[\text{Tp}^*\text{W}(\text{CO})_3]$

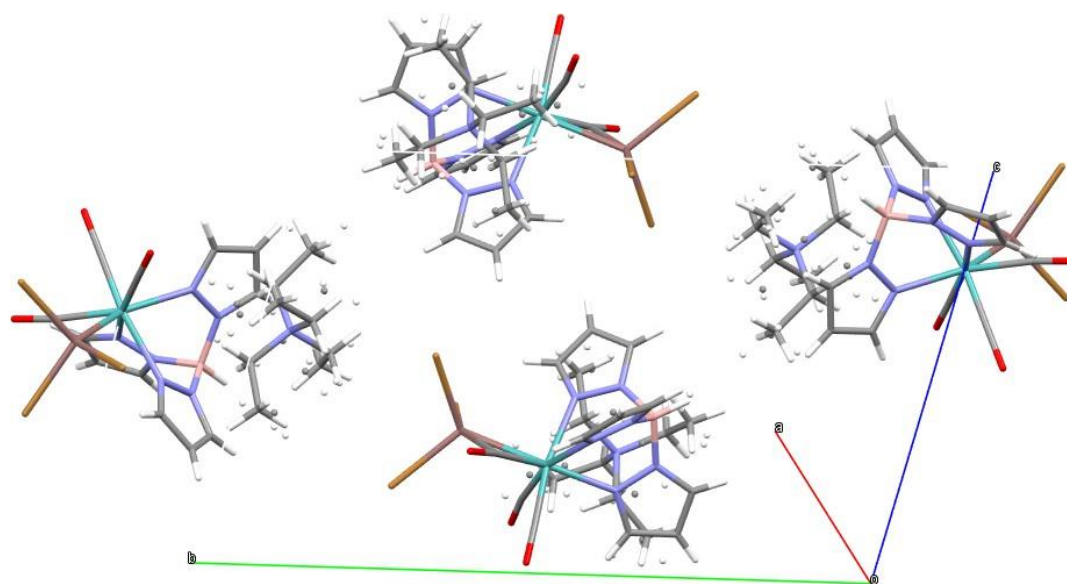


Figure S11. Crystal packing of **1**.

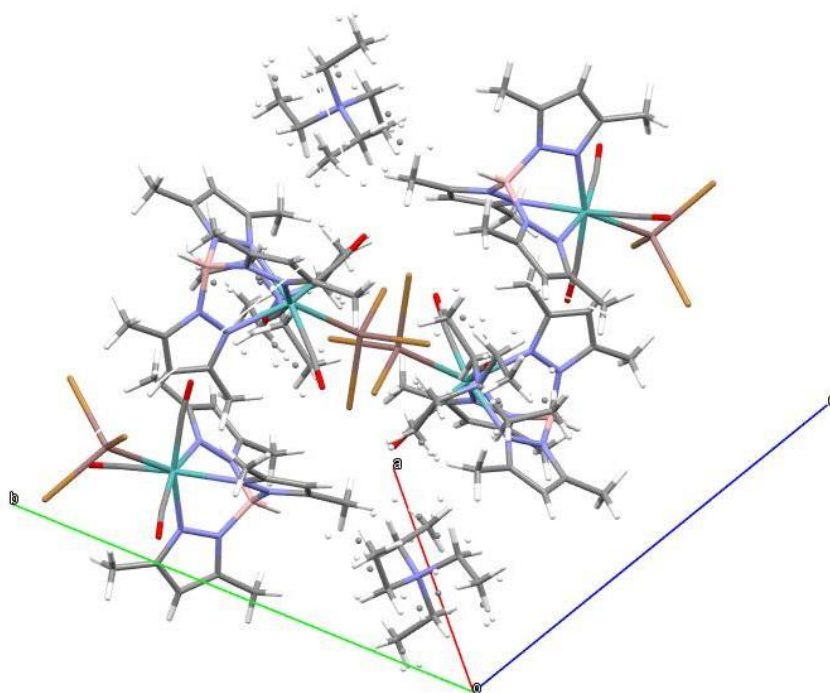


Figure S12. Crystal packing of **2**.

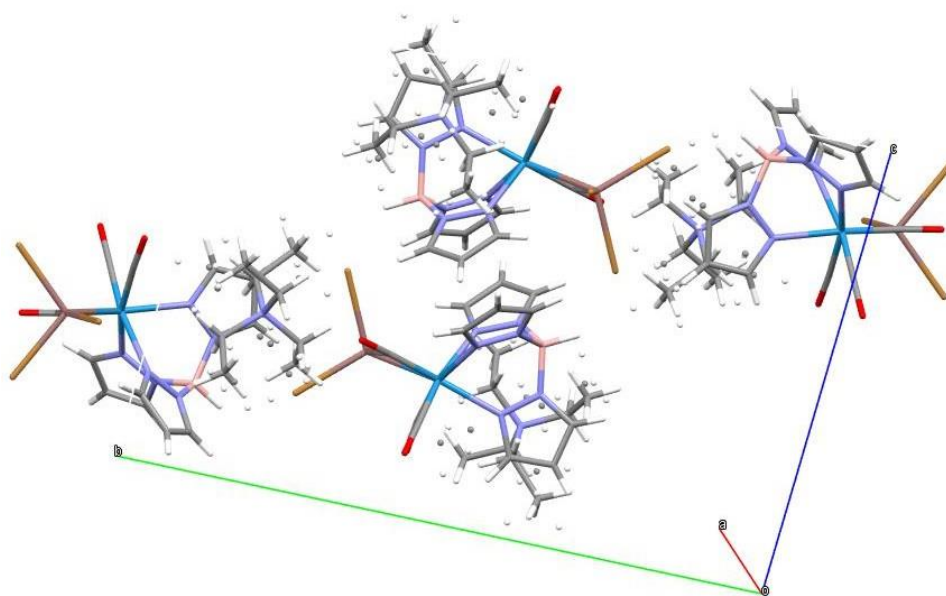


Figure S13. Crystal packing of **3**.

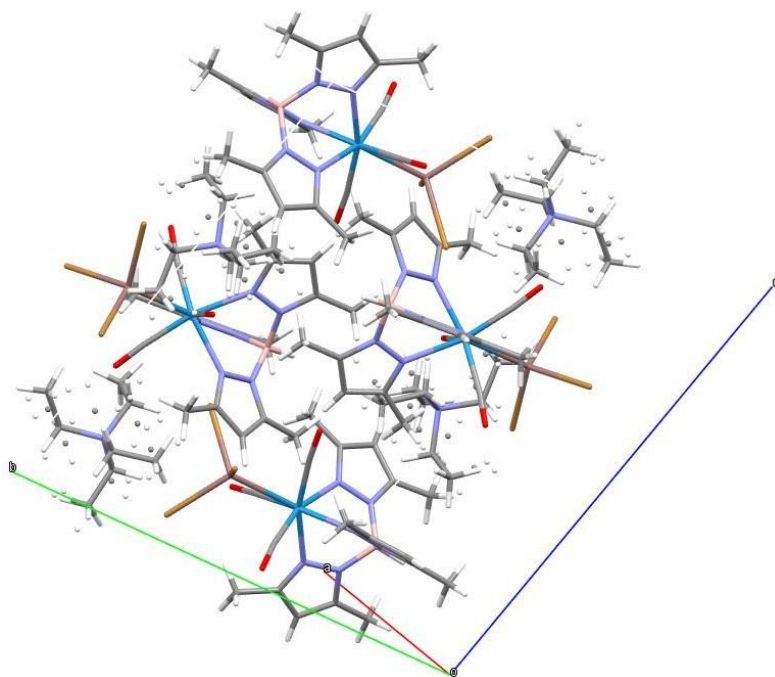


Figure S14. Crystal packing of **4**.

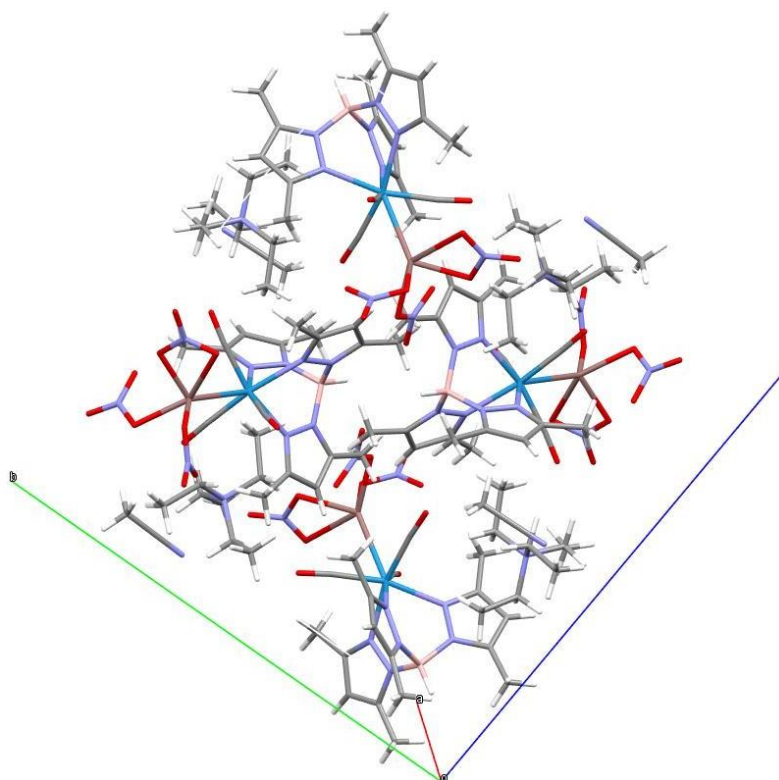


Figure S15. Crystal packing of **5**.

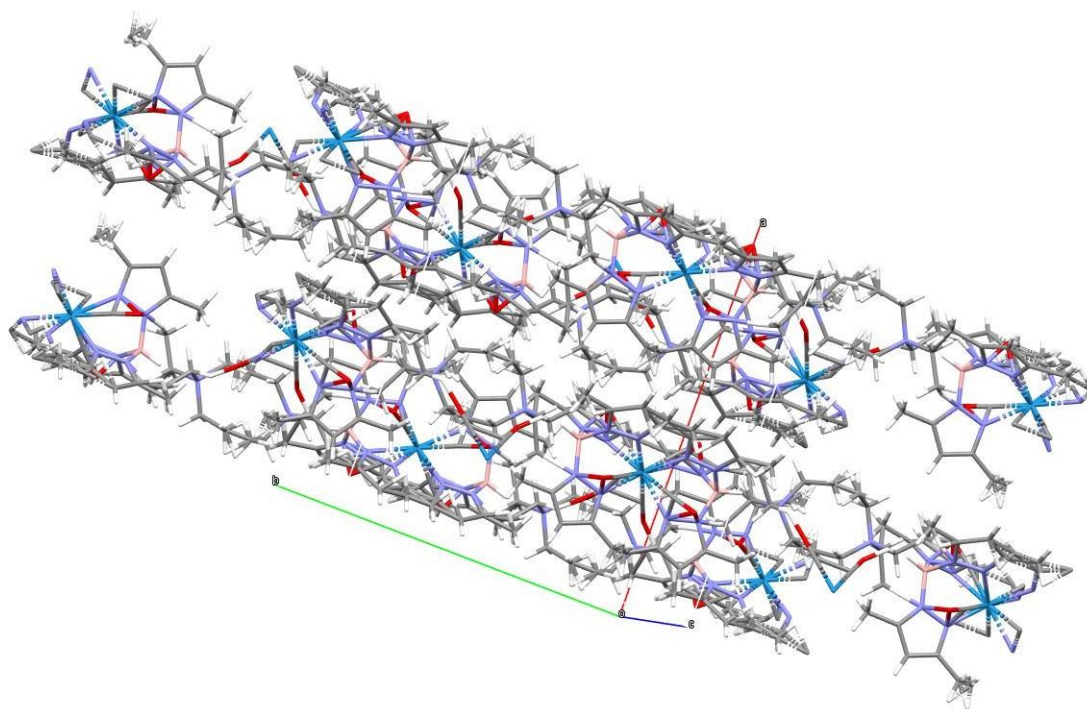


Figure S16. Crystal packing of **6**.