## Supplementary Material

Facile Synthesis of Pentamethylcyclopentadienyl Ruthenium Half-Sandwich Complexes by Naphthalene Displacement

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Figure 1: <sup>1</sup>H NMR SPECTRUM of [Cp\*Ru(naphthalene)]BF<sub>4</sub> (1)









Figure 8: <sup>13</sup>C NMR SPECTRUM of Cp\*Ru(dppf)Cl (4)









