Electronic Supplementary Material (ESI) for Dalton Transactions.

Supporting Information

Rhodafuran from a Methoxy(alkenyl)carbene by the Rhoda-1,3,5-hexatriene Route.

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NMR spectra:

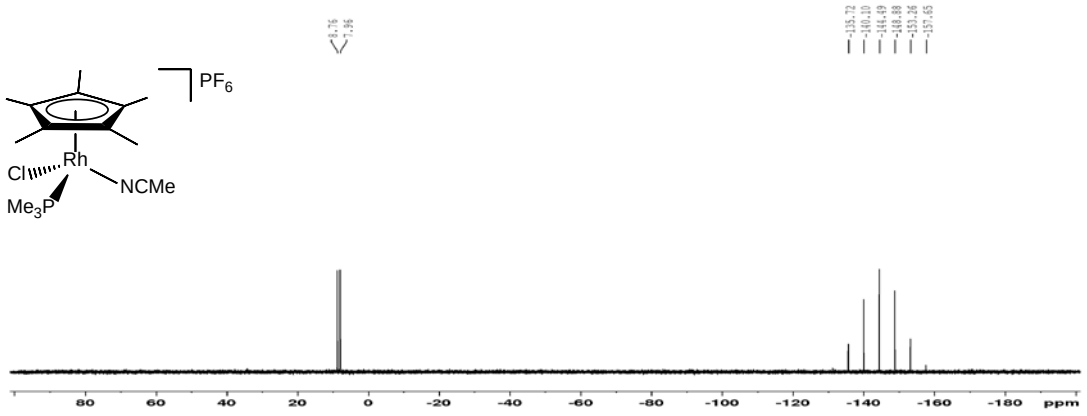

Figure S1: $^{31}P\{^{1}H\}$ NMR spectrum (161 MHz) of **1** in CD_2Cl_2.

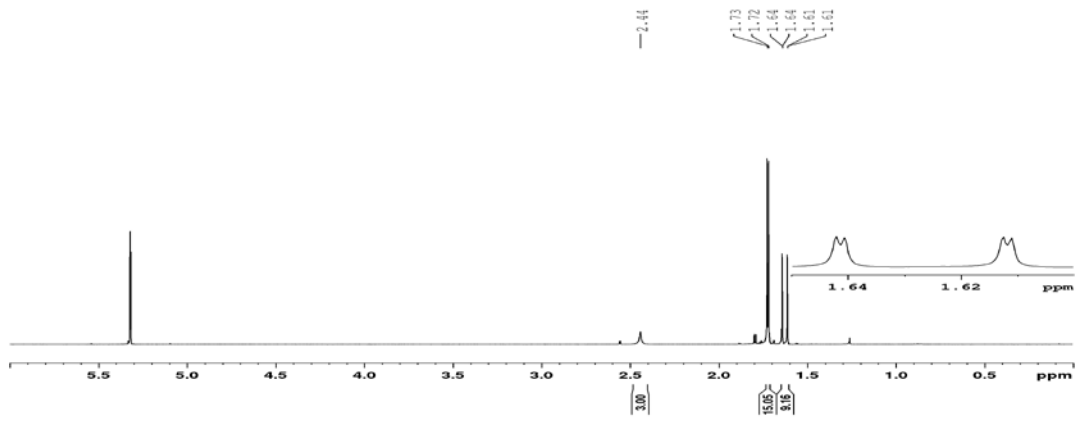

Figure S2: ^{1}H NMR spectrum (400 MHz) of **1** in CD_2Cl_2.

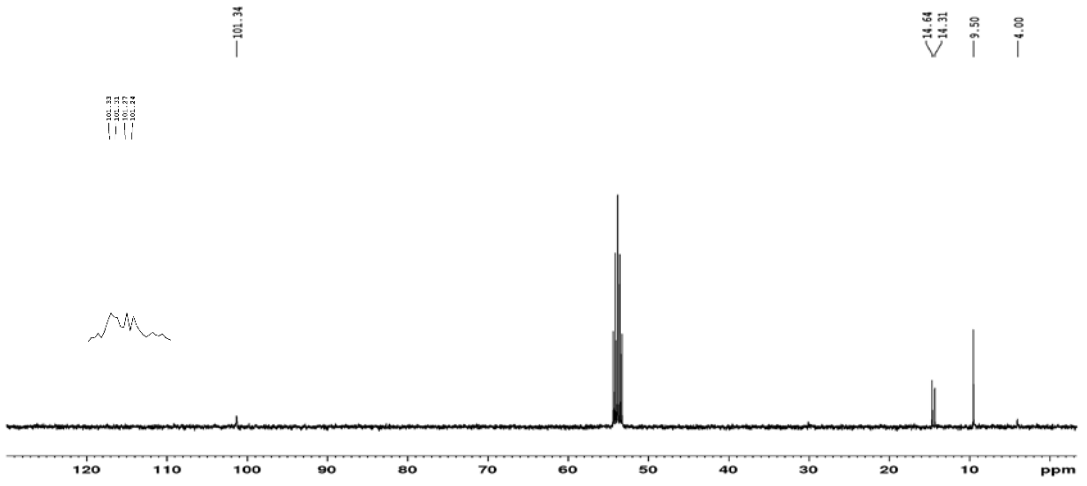

Figure S3: $^{13}C\{^{1}H\}$ NMR spectrum (100 MHz) of **1** in CD_2Cl_2.

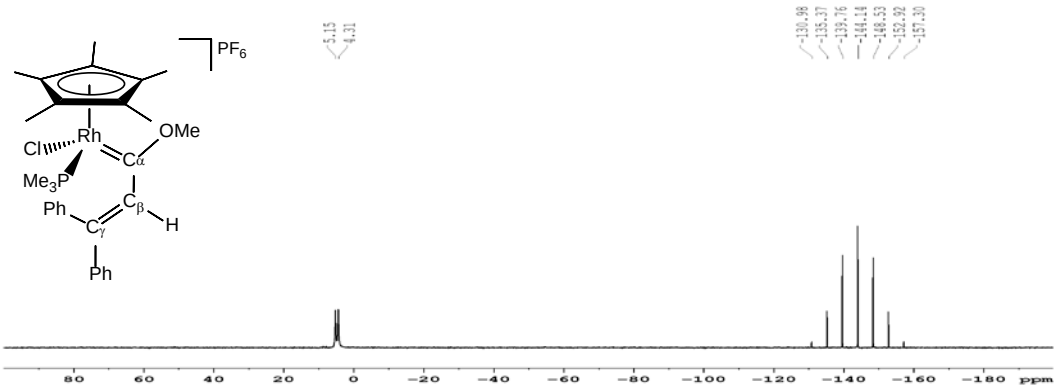

Figure S4: $^{31}P\{^{1}H\}$ NMR spectrum (161 MHz) of **2** in CD_2Cl_2.

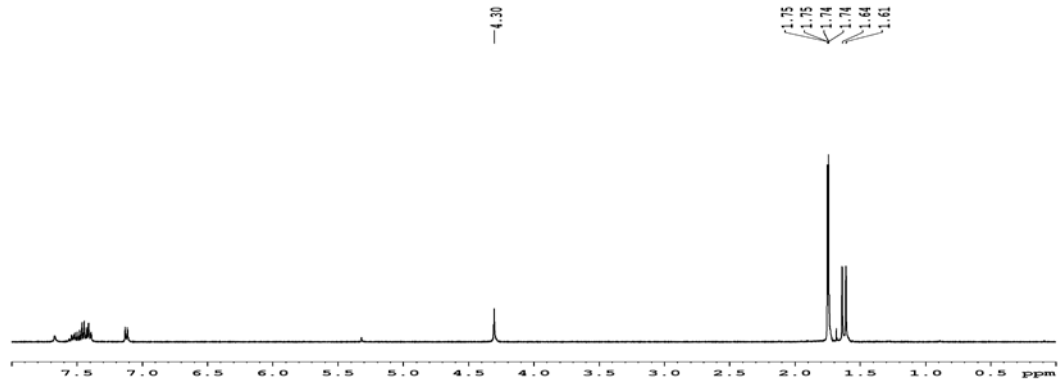

Figure S5: ^{1}H NMR spectrum (400 MHz) of **2** in CD_2Cl_2.

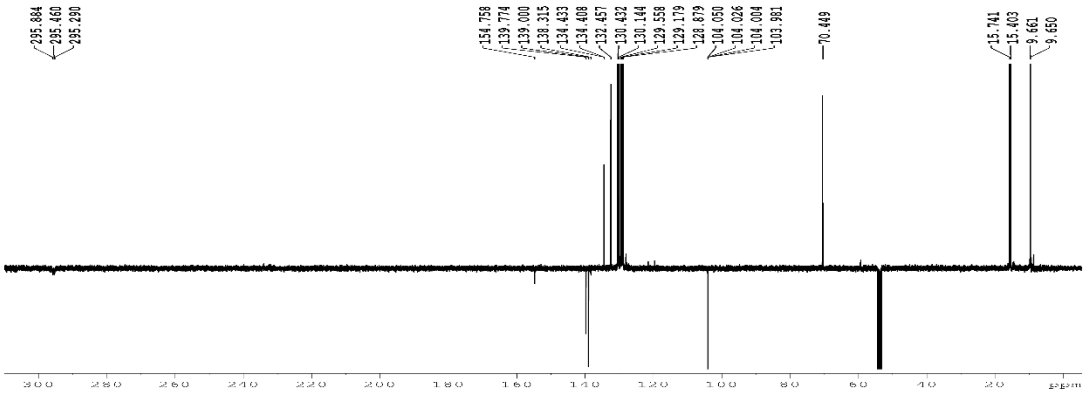

Figure S6: Jmod NMR spectrum (100 MHz) of **2** in CD_2Cl_2.

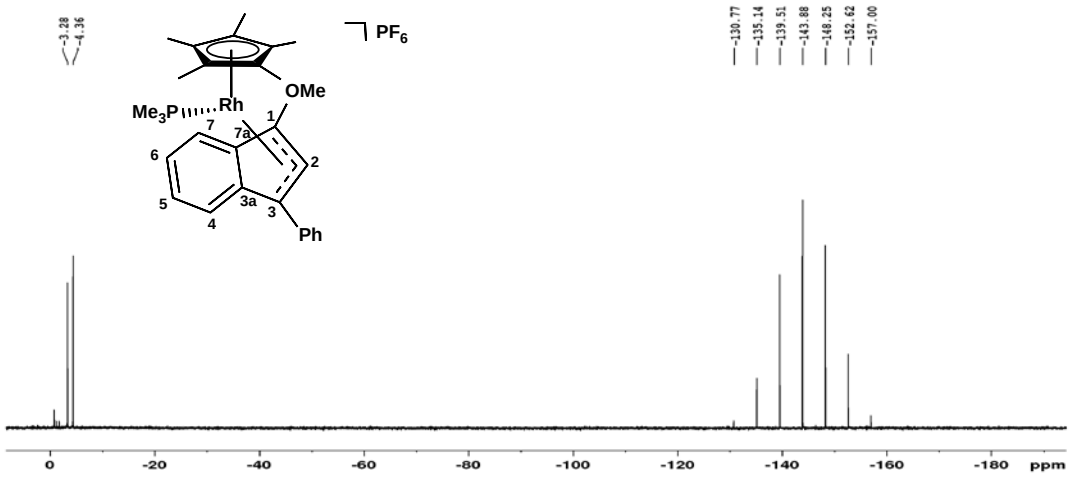

Figure S7: $^{31}P\{^{1}H\}$ NMR spectrum (161 MHz) of **3** in acetone-d_6.

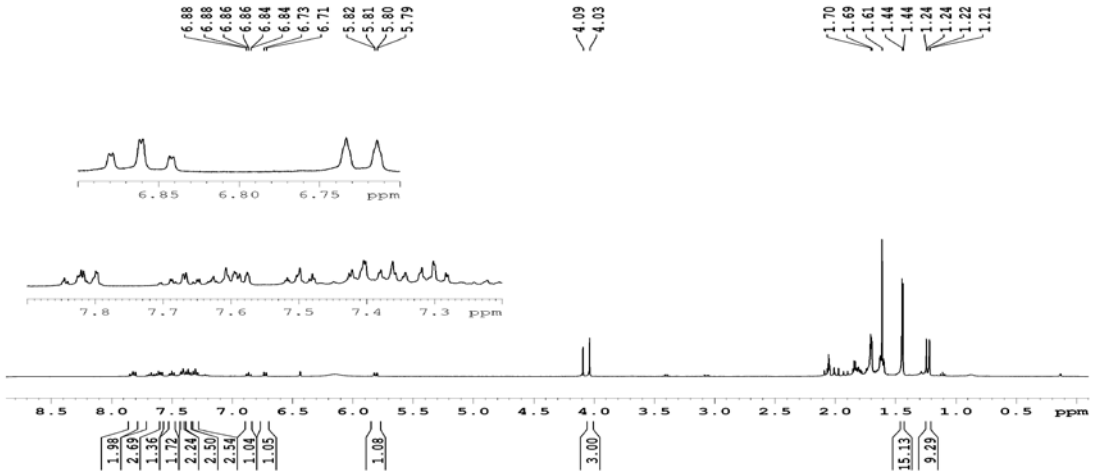

Figure S8: ^{1}H NMR spectrum (400 MHz) of **3** in acetone-d_6.

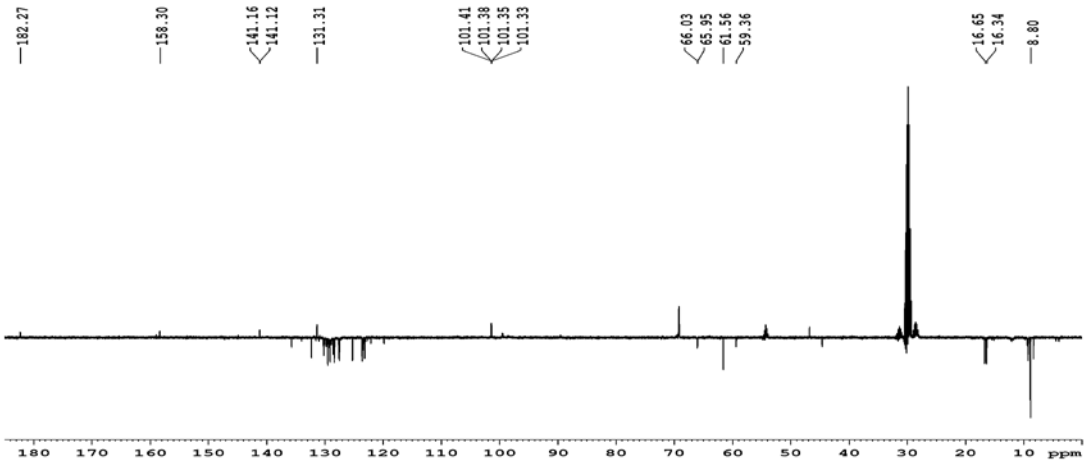

Figure S9: Jmod NMR spectrum (100 MHz) of **3** in acetone-d_6 at 253 K.

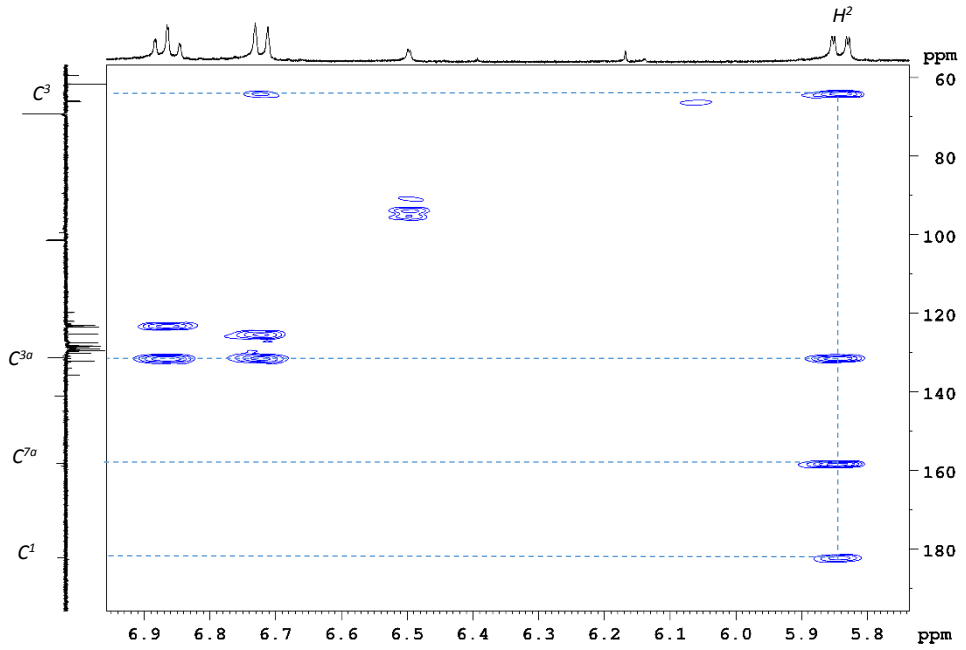

Figure S10: {^{13}C,^{1}H} HMBC NMR spectrum of **3** in acetone-d_6 at 253 K.

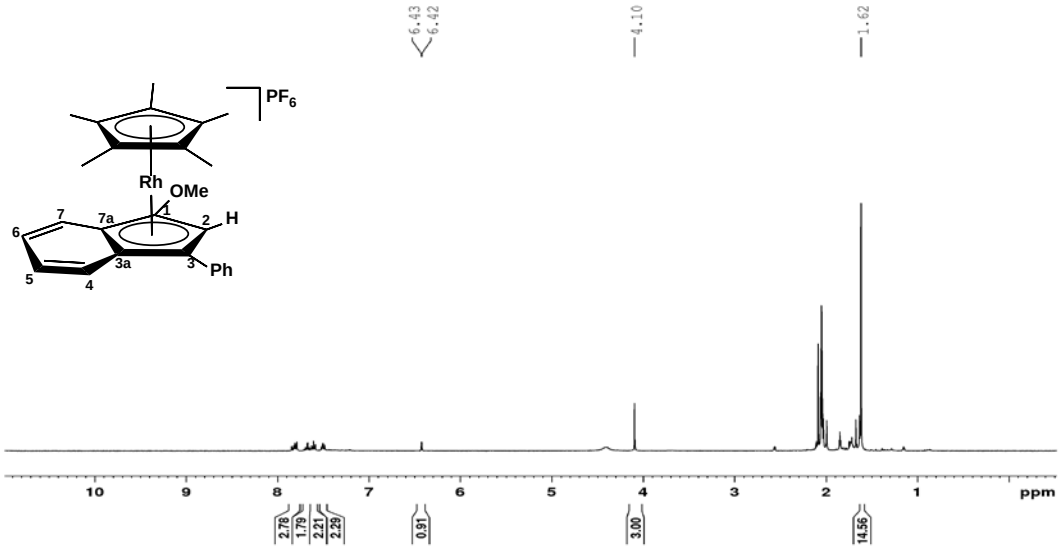

Figure S11: ^{1}H NMR spectrum (400 MHz) of **4** in acetone-d_6.

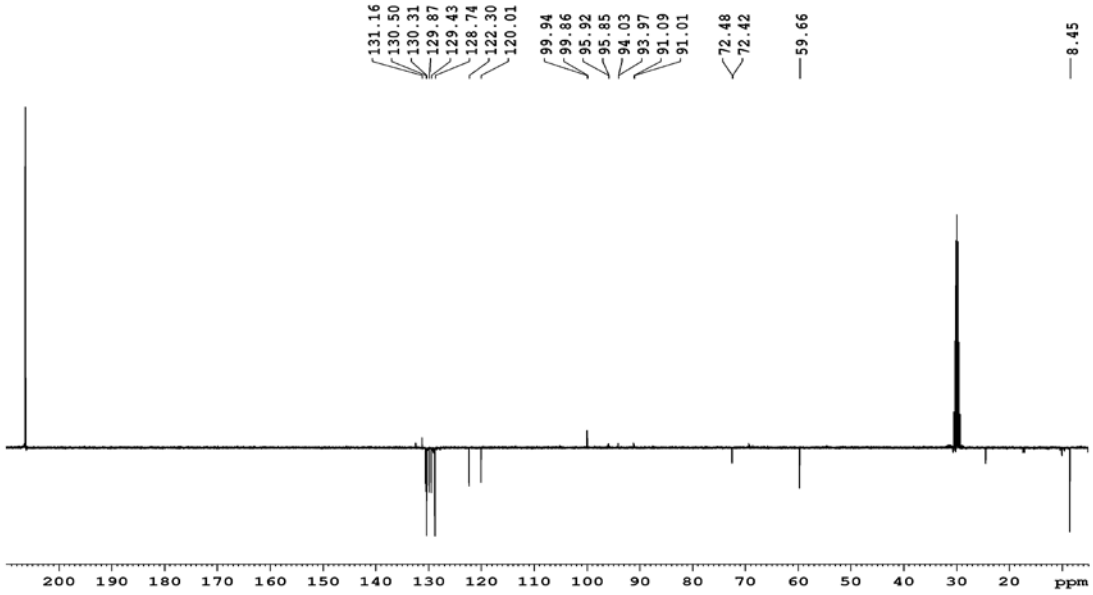

Figure S12: Jmod NMR spectrum (100 MHz) of **4** in acetone-d_6.

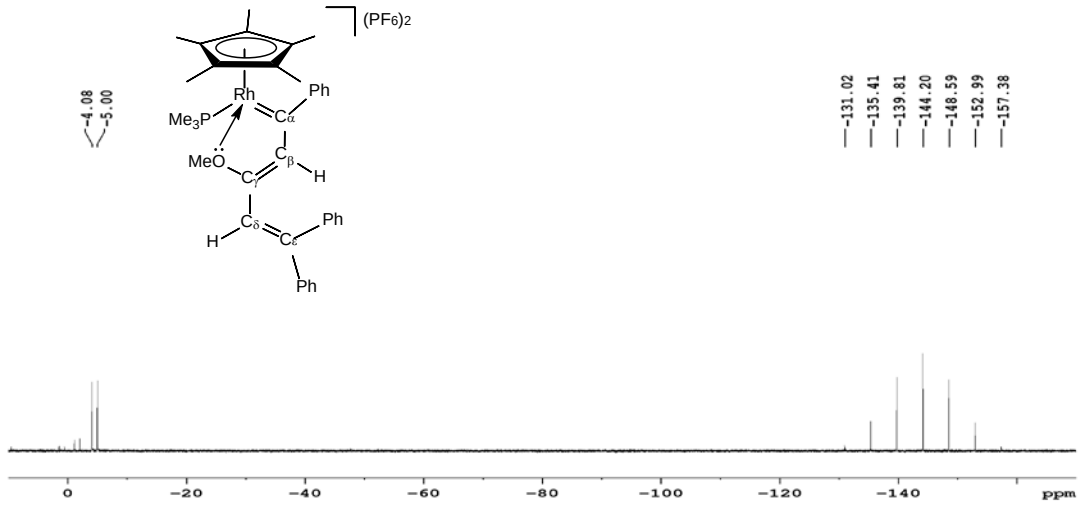

Figure S13: $^{31}P\{^{1}H\}$ NMR spectrum (161 MHz) of **5** in CD_2Cl_2 at 253K.

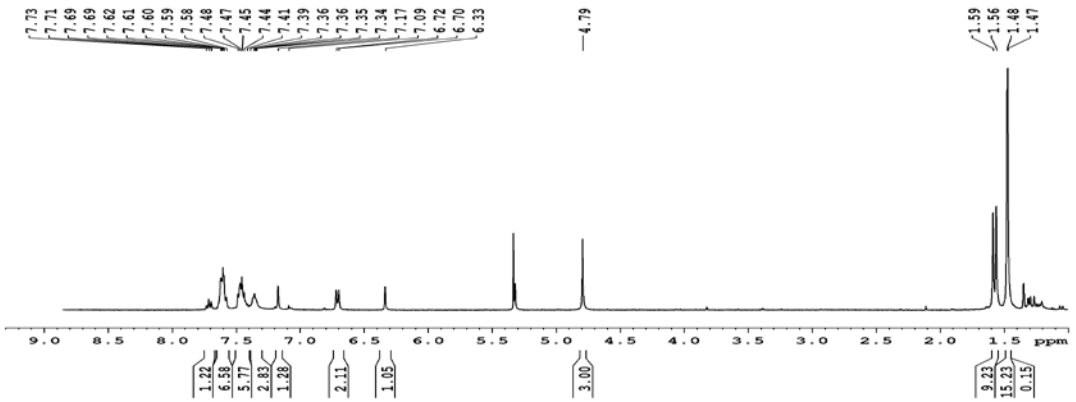

Figure S14: ^{1}H NMR spectrum (400 MHz) of **5** in CD_2Cl_2 at 253K.

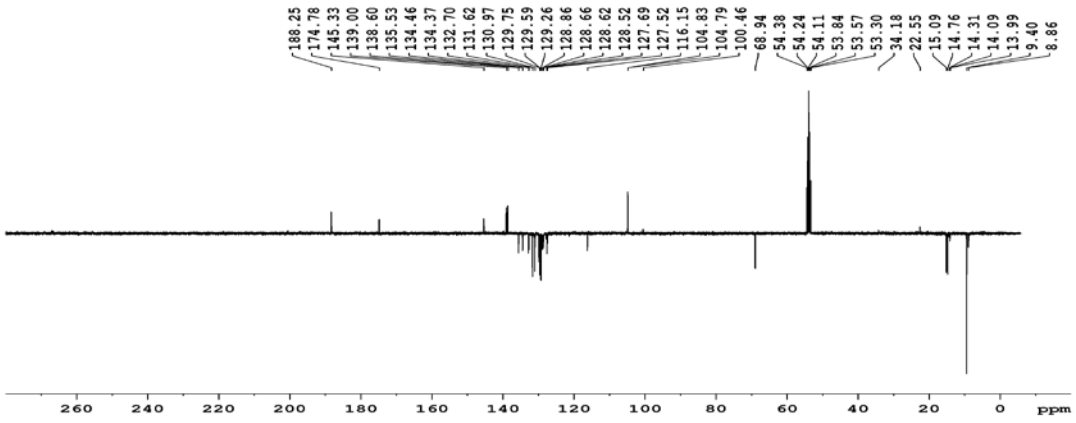

Figure S15: Jmod NMR spectrum (100 MHz) of **5** in CD_2Cl_2 at 253K.

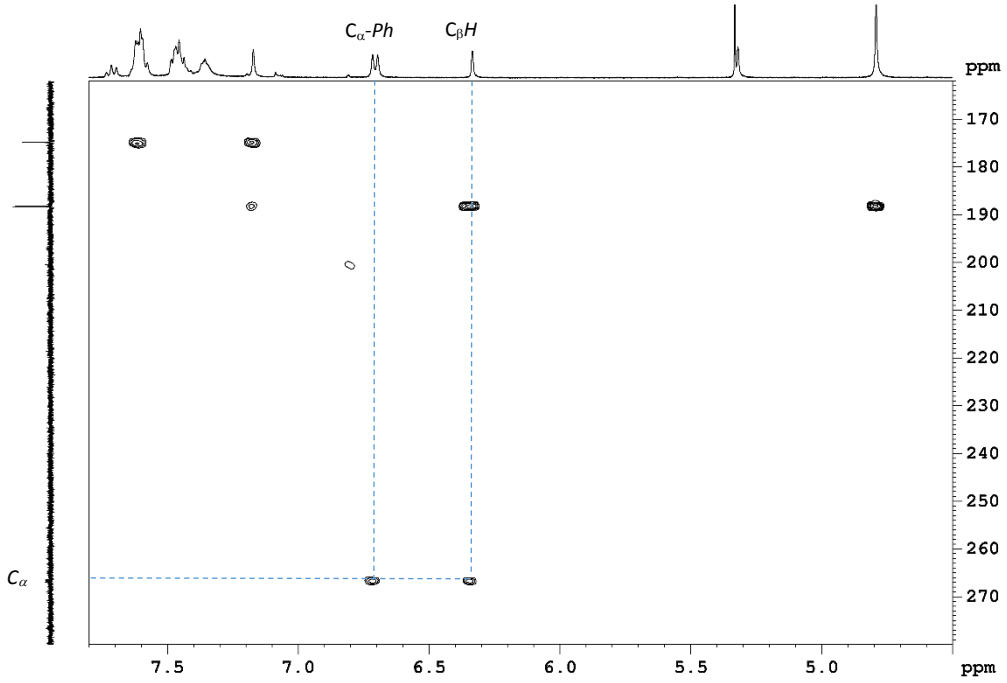

Figure S16: {^{13}C,^{1}H} HMBC NMR spectrum of **5** in CD_2Cl_2 at 253K.

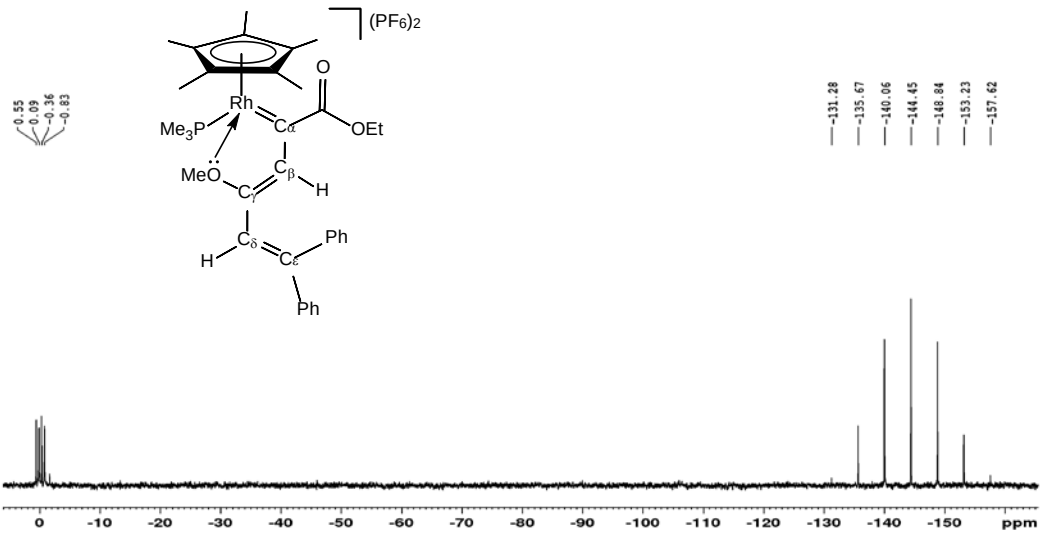

Figure S17: $^{31}P\{^{1}H\}$ NMR spectrum (161 MHz) of **6** in CD_2Cl_2 at 253K.

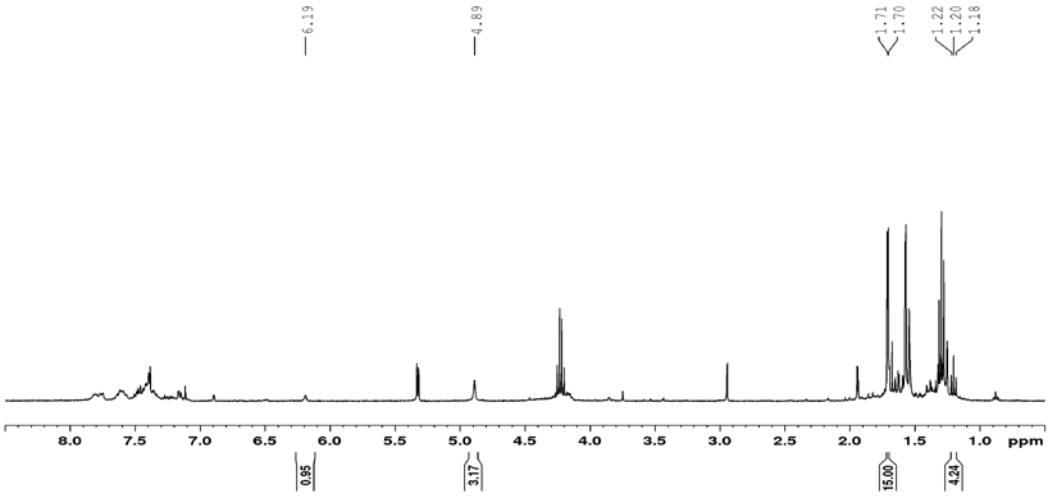

Figure S18: ^{1}H NMR spectrum (400 MHz) of **6** in CD_2Cl_2 at 253K.

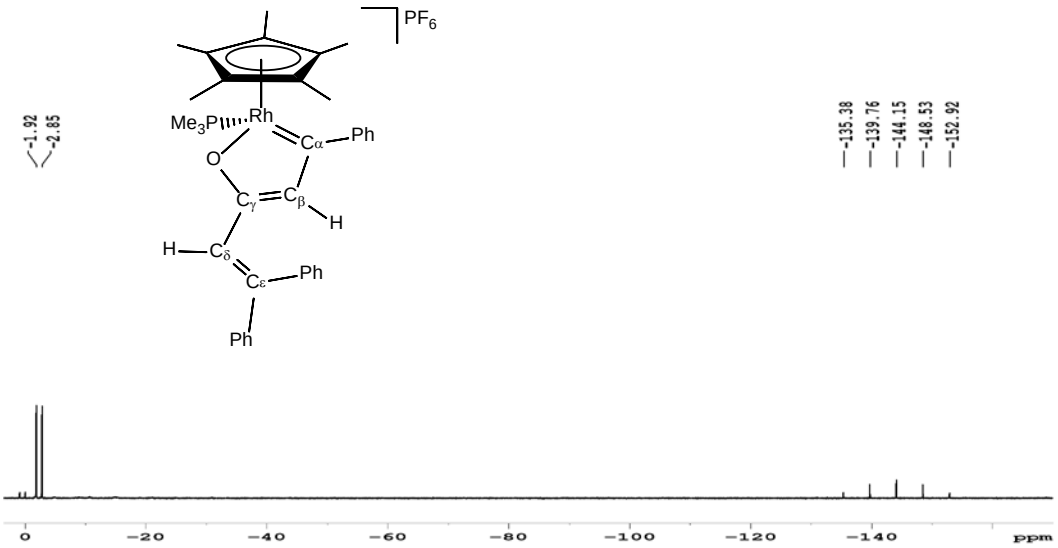

Figure S19: $^{31}P\{^{1}H\}$ NMR spectrum (161 MHz) of **7** in CD_2Cl_2.

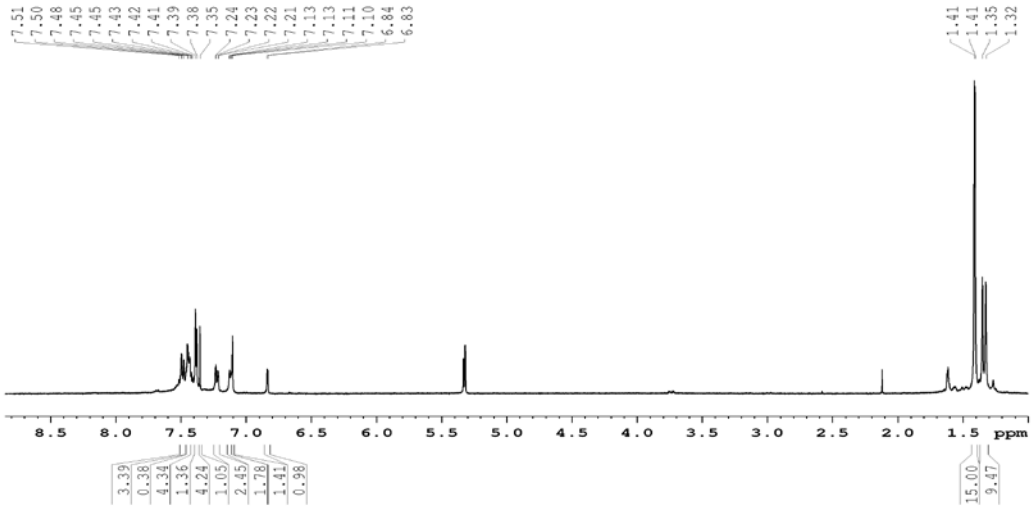

Figure S20: ^{1}H NMR spectrum (400 MHz) of **7** in CD_2Cl_2.

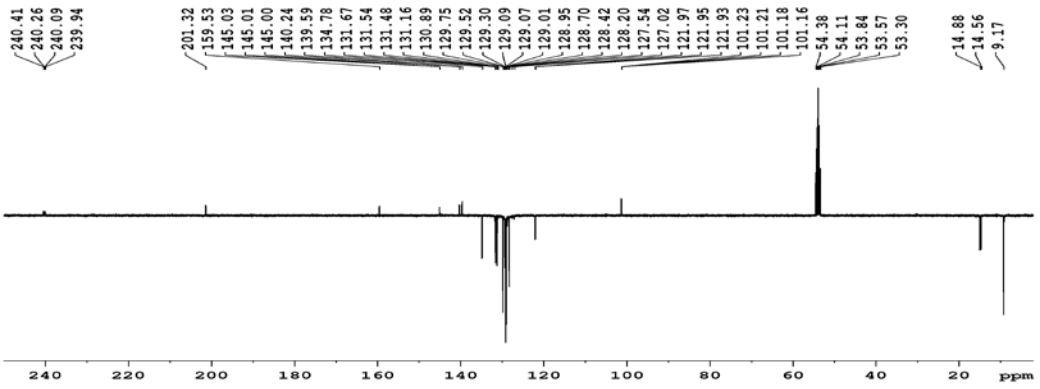

Figure S21: Jmod NMR spectrum (100 MHz) of **7** in CD_2Cl_2.

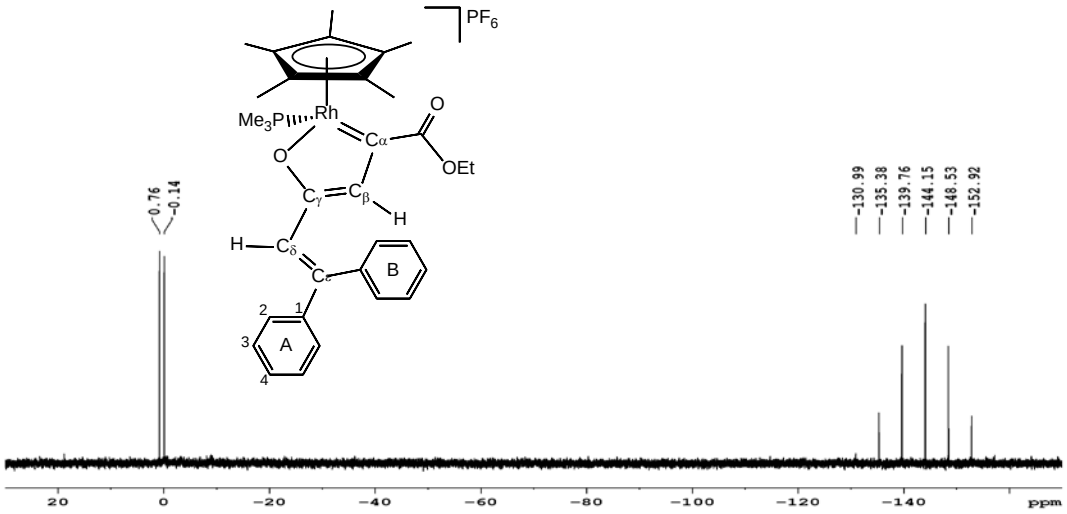

Figure S22: $^{31}P\{^1H\}$ NMR spectrum (161 MHz) of **8** in CD_2Cl_2.

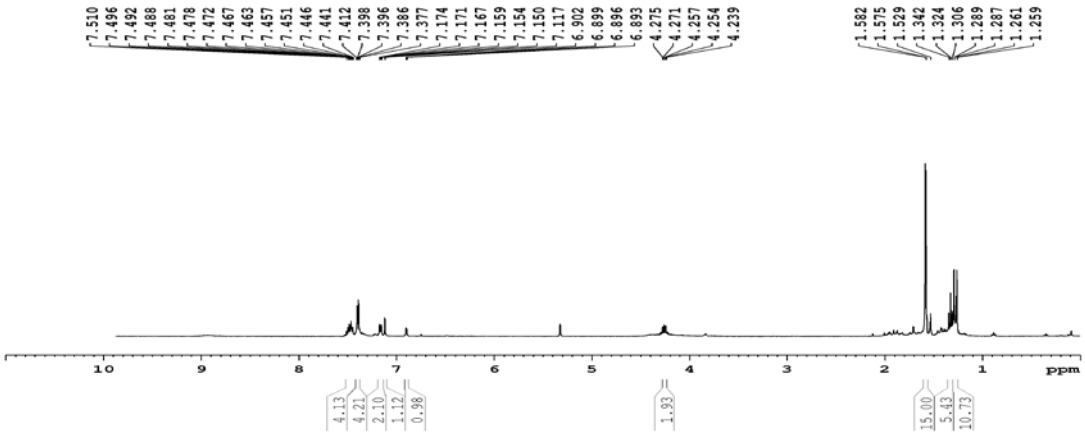

Figure S23: ^1H NMR spectrum (400 MHz) of **8** in CD_2Cl_2.

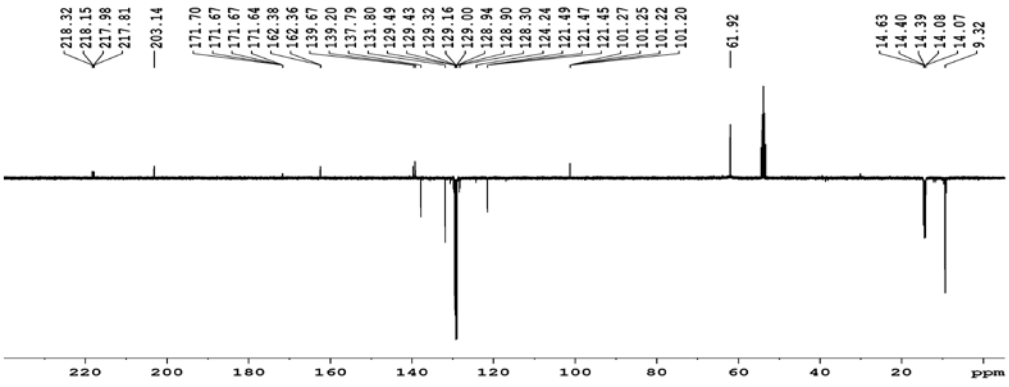

Figure S24: Jmod NMR spectrum (100 MHz) of **8** in CD_2Cl_2.