

Supplementary Materials: Influence of Ionic Liquids on an Iron(III) Catalyzed Three-Component Coupling/Hydroarylation/Dehydrogenation Tandem Reaction

Maren Muntzeck and René Wilhelm

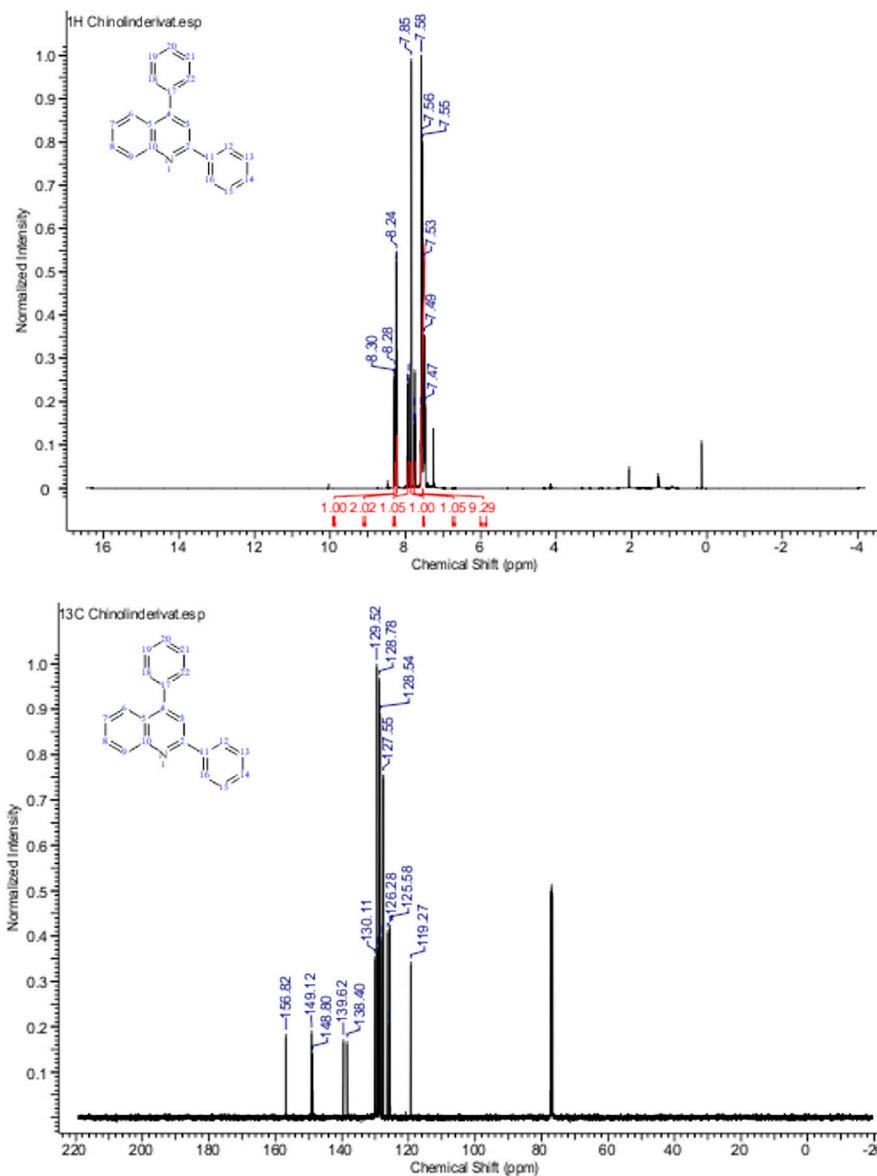


Figure S1. ¹H NMR and ¹³C NMR spectra of 2,4-diphenylquinoline.

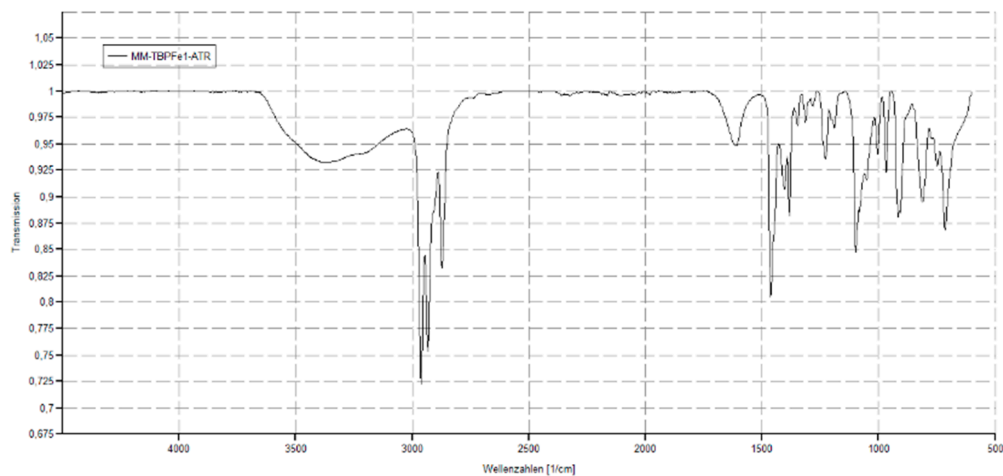
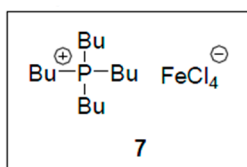


Figure S2. IR-spectrum of [TBP][FeCl₄].

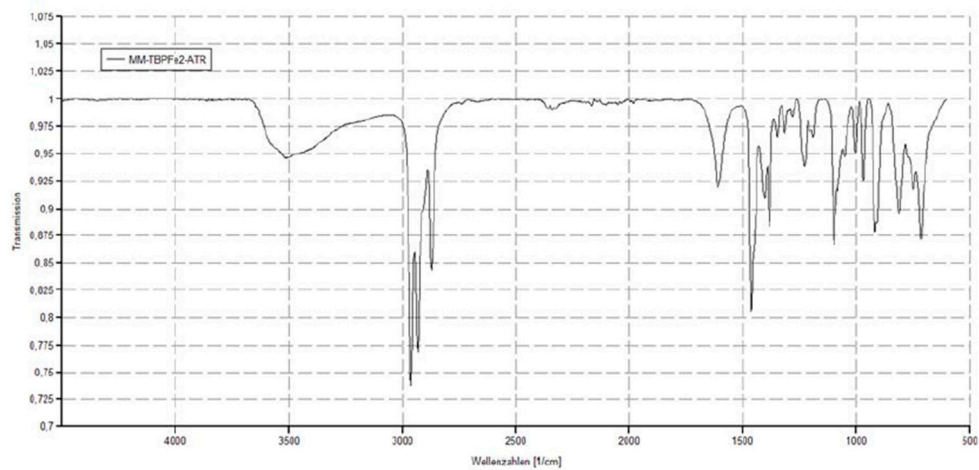
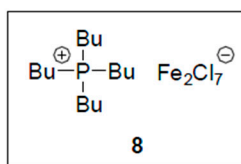


Figure S3. IR-spectrum of [TBP][Fe₂Cl₇].

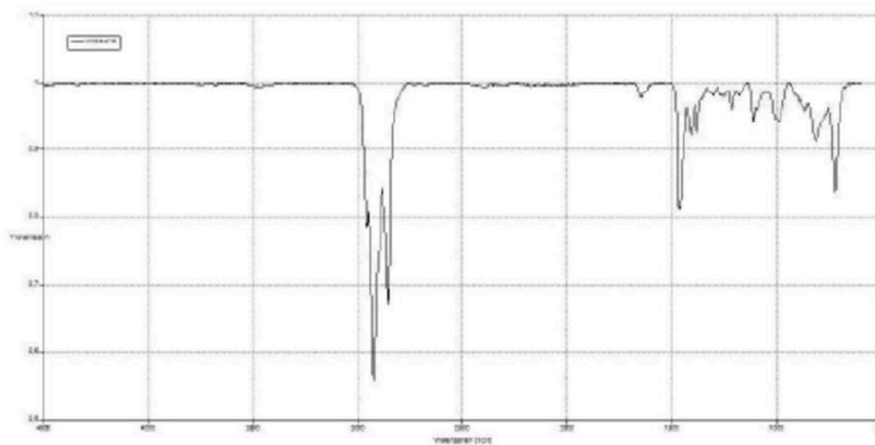
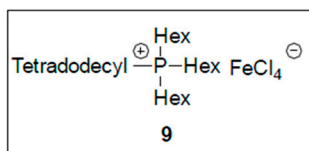


Figure S4. IR-spectrum of [THTDP][FeCl₄].

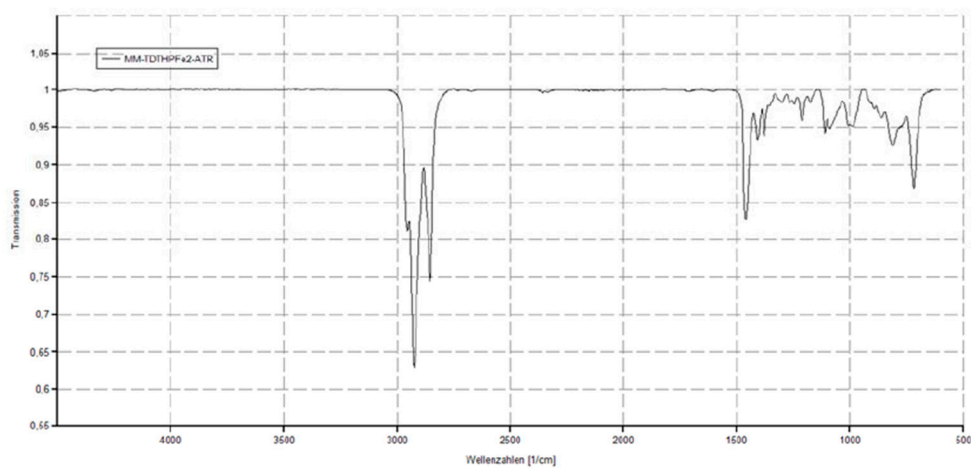
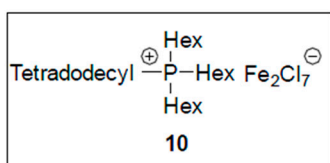


Figure S5. IR-spectrum of [THTDP][Fe₂Cl₇].

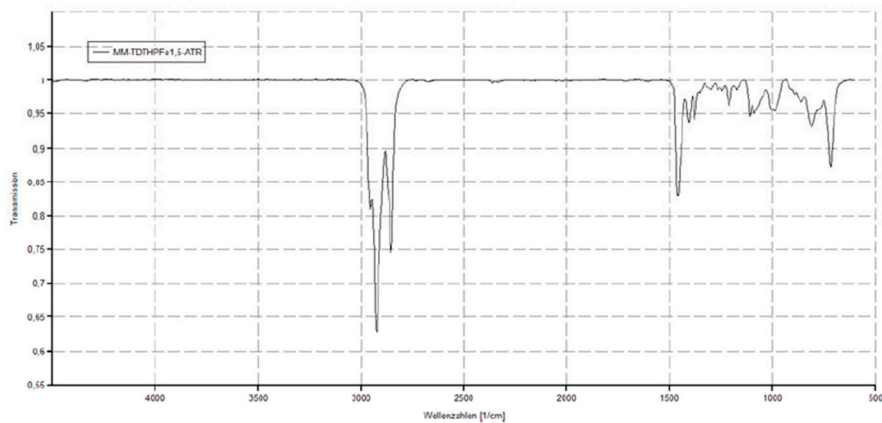
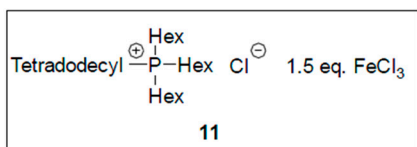


Figure S6. IR-spectrum of [THTDP]Cl/1.5 FeCl₃.

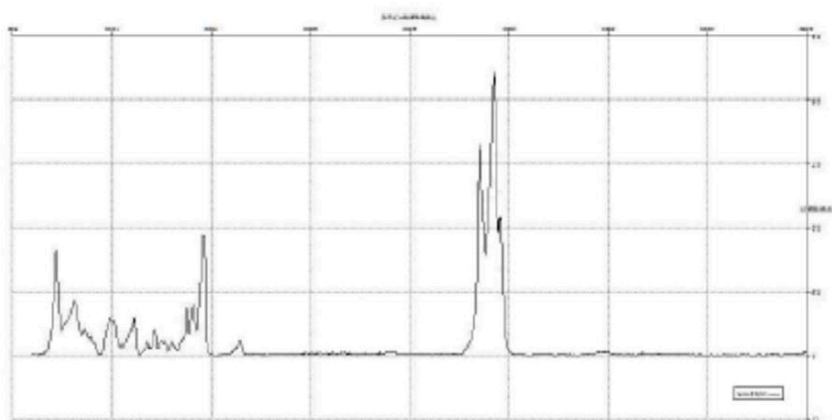
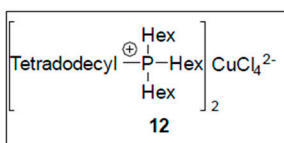


Figure S7. IR-spectrum of [THTDP]₂[CuCl₄].

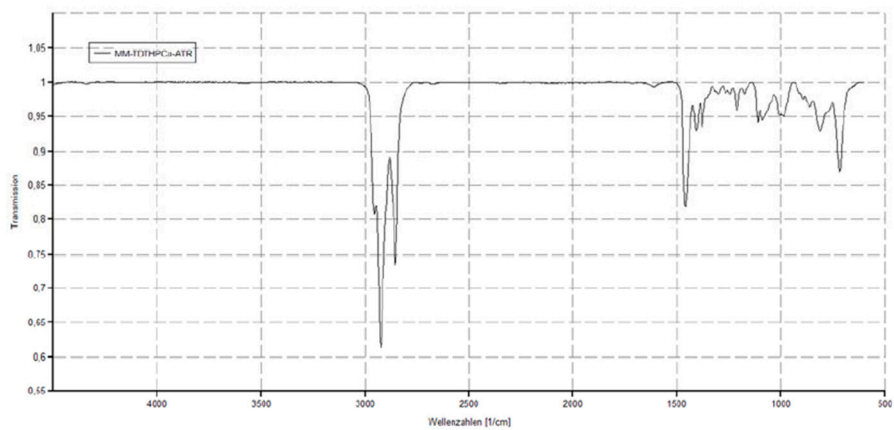
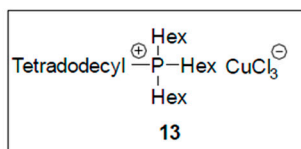


Figure S8. IR-spectrum of [THTDP][CuCl₃].