

Supplementary Materials: Fluorescent Bis(guanidine) Copper Complexes as Precursors for Hydroxylation Catalysis

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NMR Spectra of the Complexes C1-C3, C5-C6.

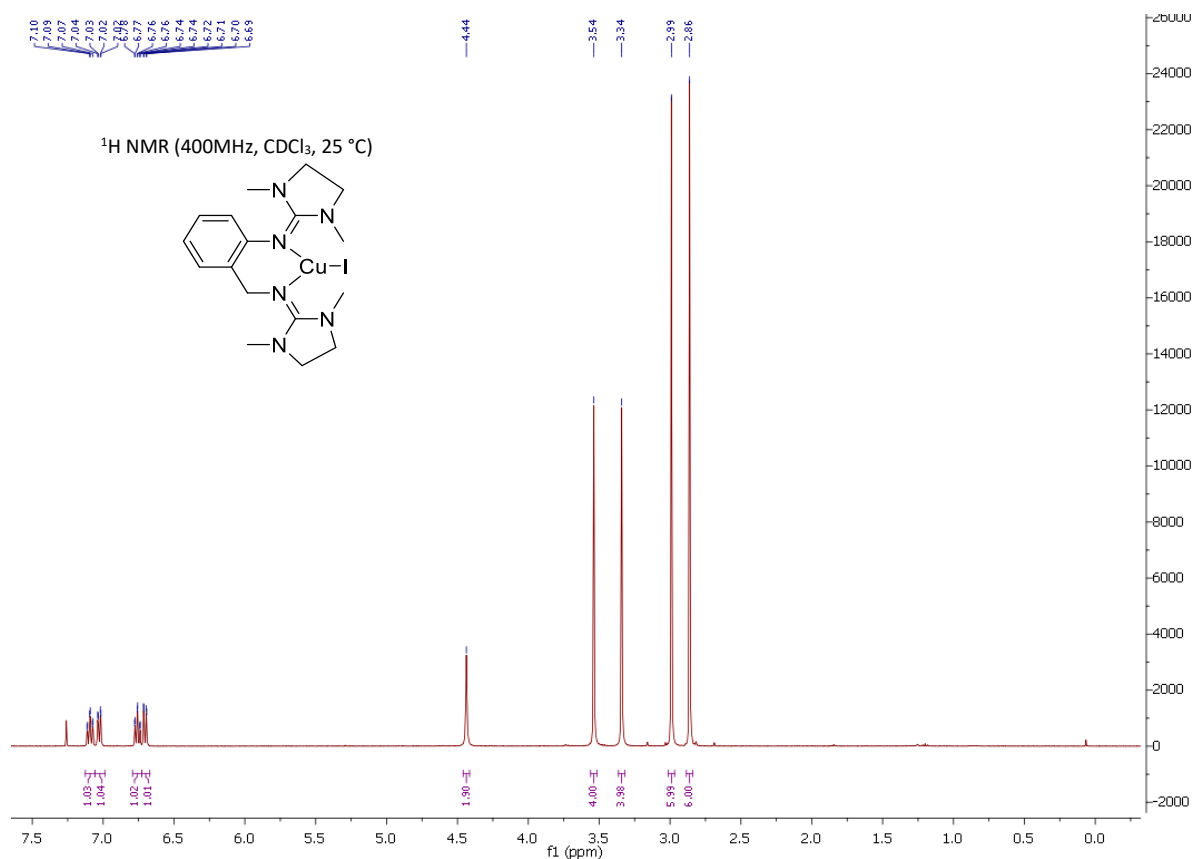
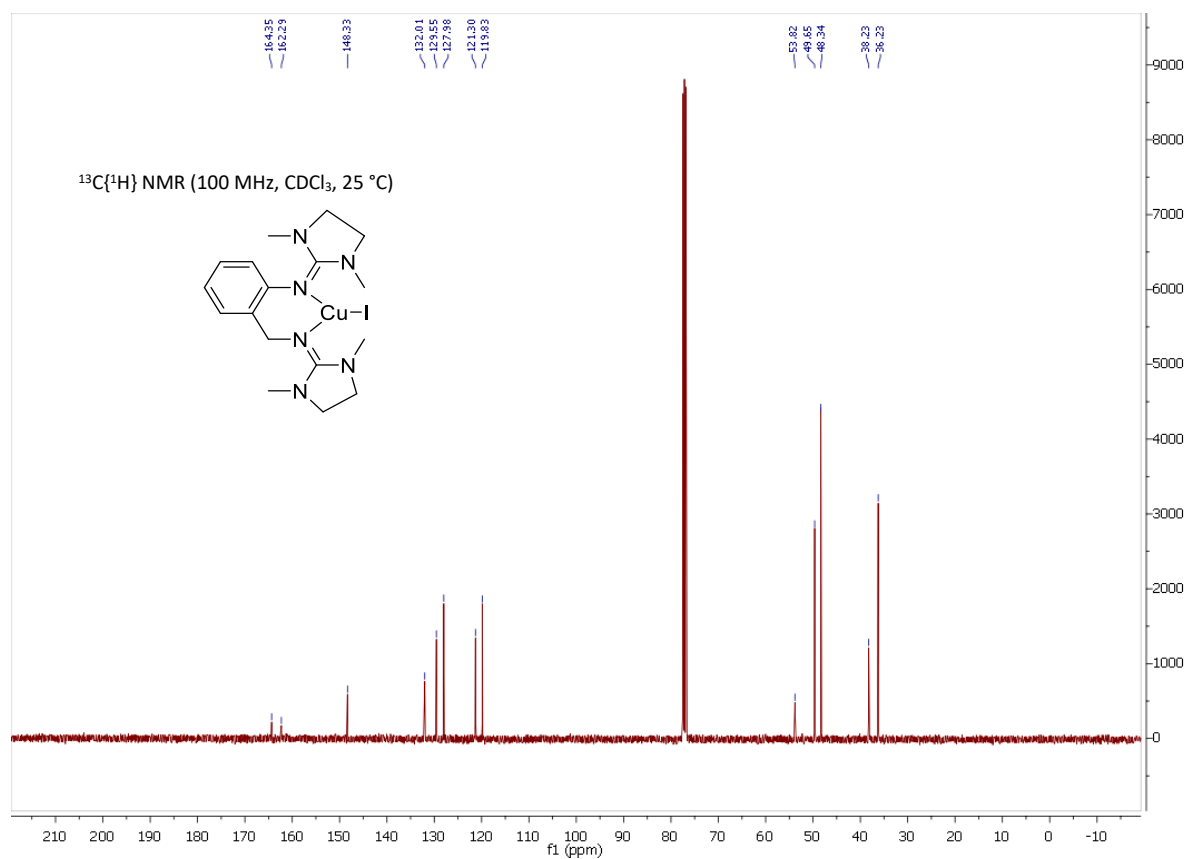
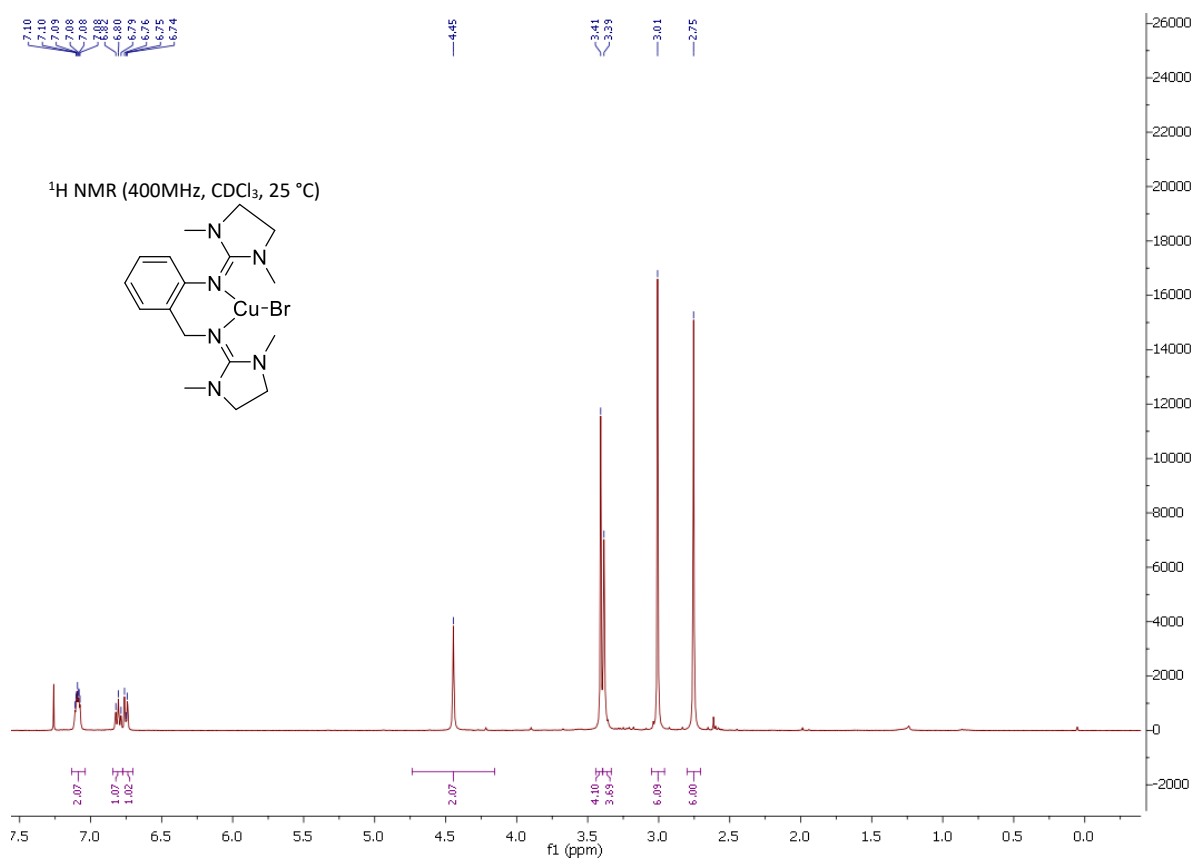
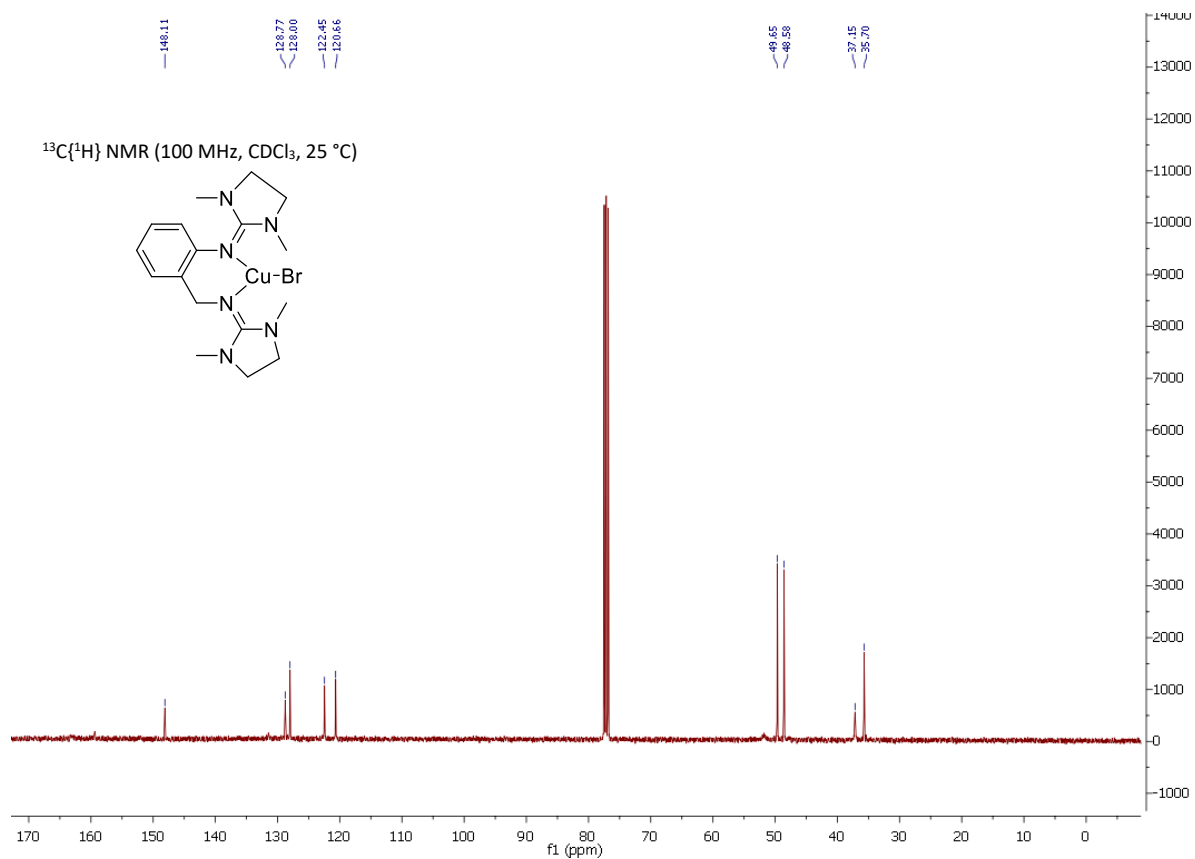
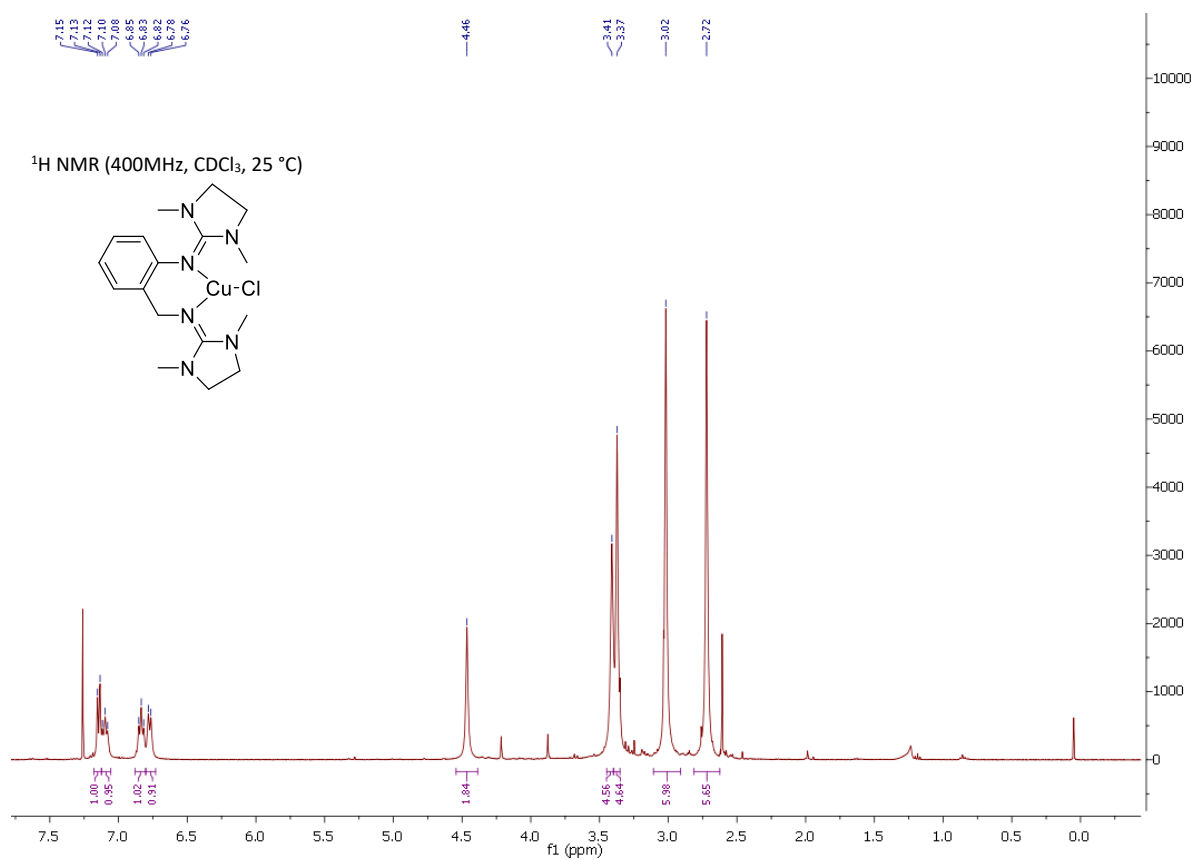
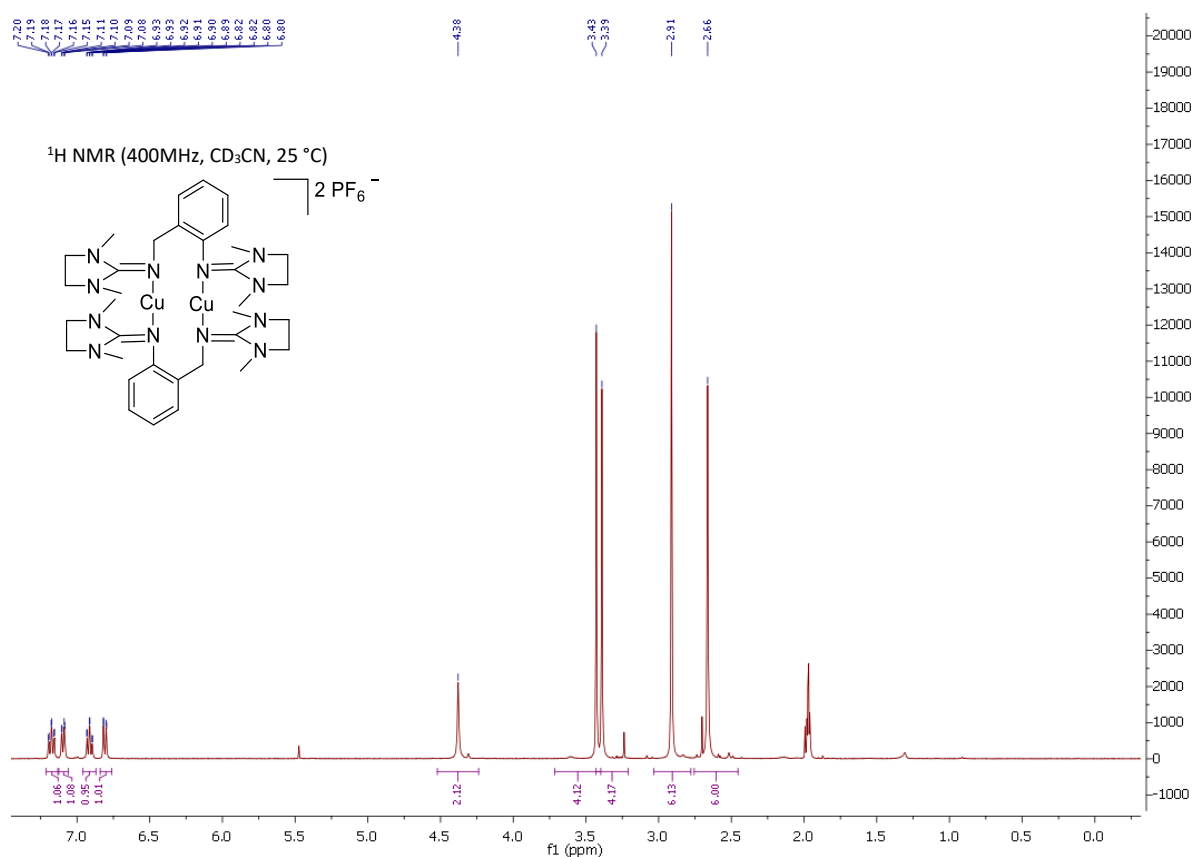
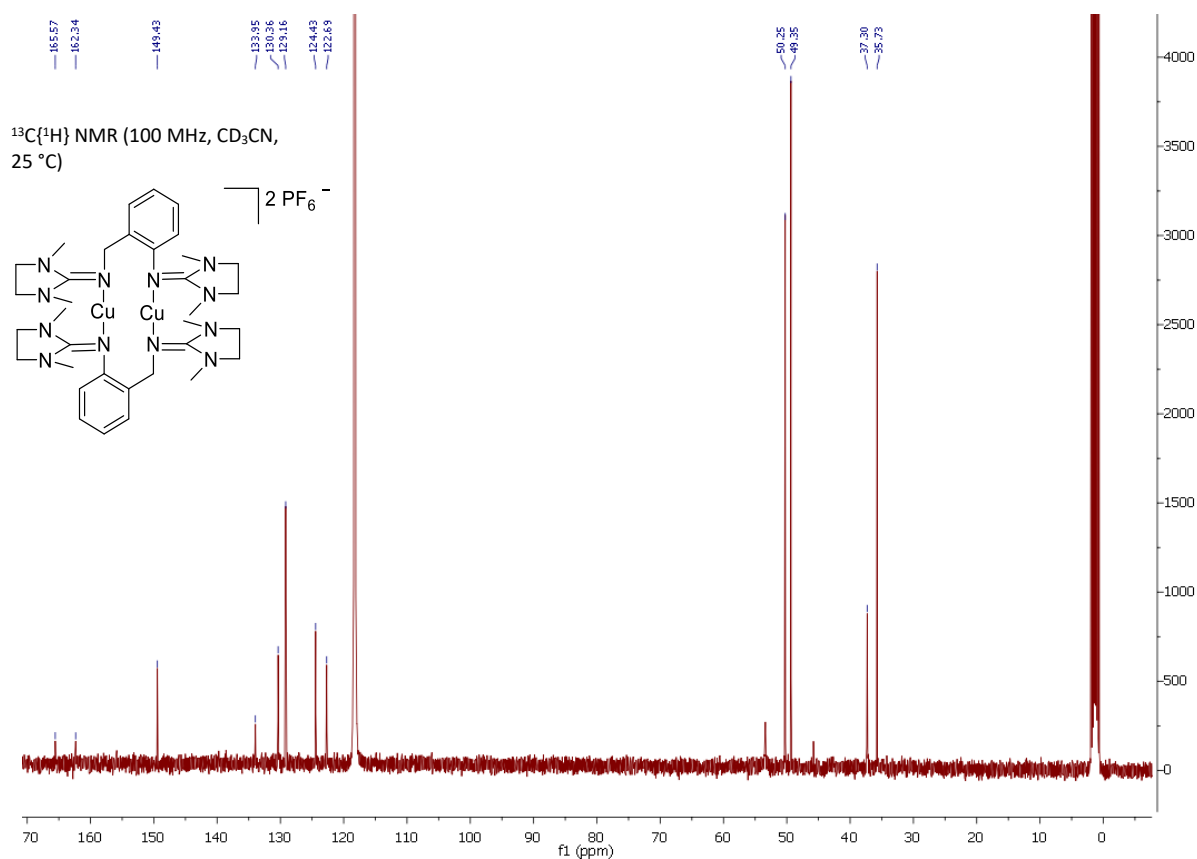


Figure S1. ¹H NMR spectrum of complex C1, measured in CDCl₃.

Figure S2. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of complex **C1**, measured in CDCl_3 .Figure S3. ^1H NMR spectrum of complex **C2**, measured in CDCl_3 .

Figure S4. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of complex **C2**, measured in CDCl_3 .Figure S5. ^1H NMR spectrum of complex **C3**, measured in CD_3CN .

Due to the very low solubility of the complex, a ^{13}C NMR spectrum could not be obtained for

Figure S7. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of complex **C5**, measured in CD_3CN .**Figure S8.** ^1H NMR spectrum of complex **C6**, measured in CD_3CN .**Figure S9.** $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of complex **C6**, measured in CD_3CN .