

Supporting Information for:

Synthesis, Characterisation, and Dehydrocoupling Ability of Zirconium Complexes Bearing Hindered Bis(amido)silyl Ligands

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Figure S1: ^1H NMR spectrum (C_6D_6) of $\text{Li}(\text{THF})_4\{[\text{NSiN}]^{\text{Dipp}}\text{ZrCl}_2(\text{BH}_4)\}$ (5) (* denotes residual solvent, ‡ denotes unknown impurity).

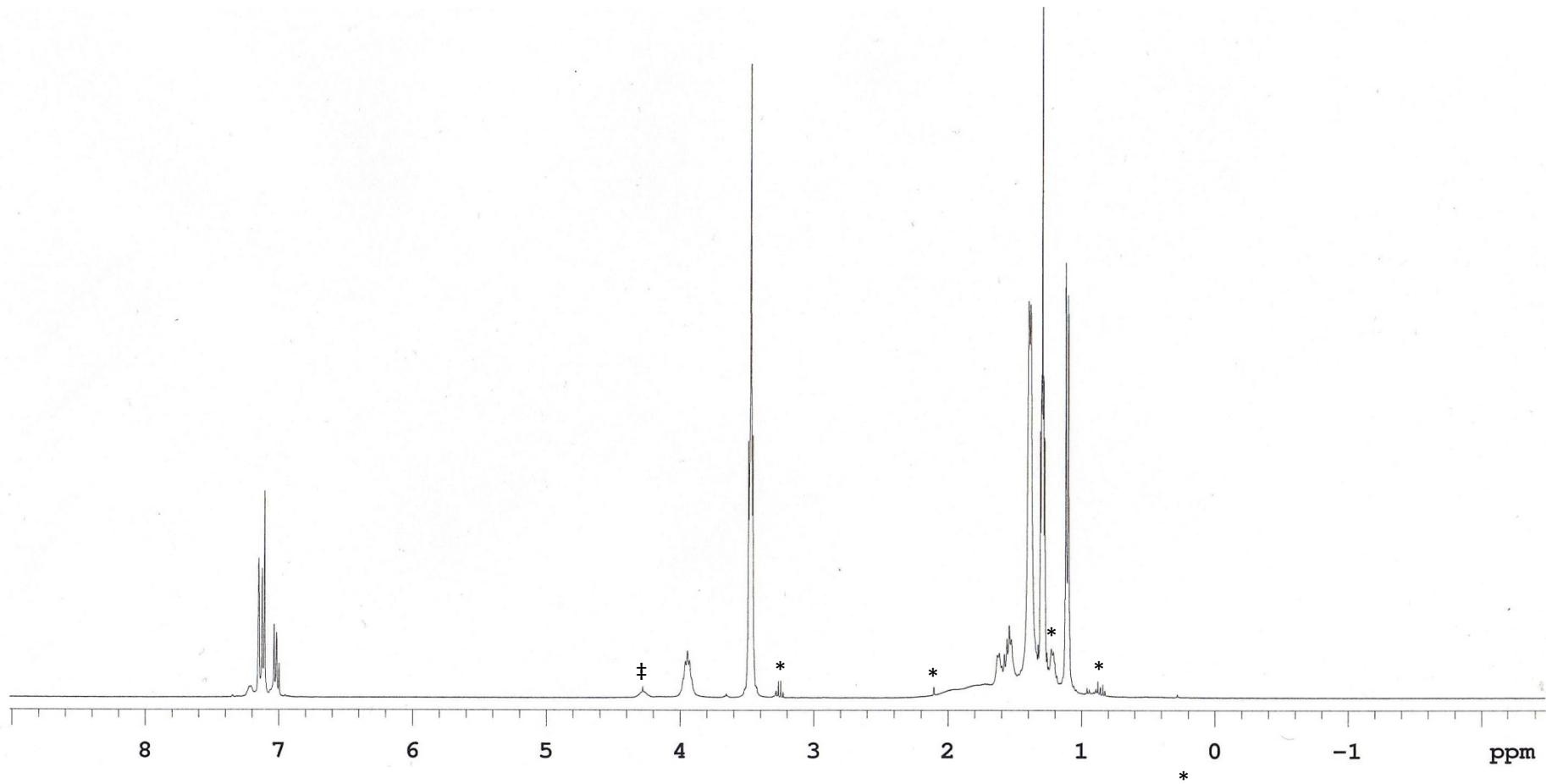


Figure S2: ^{11}B NMR spectrum (C_6D_6) of $\text{Li}(\text{THF})_4\{[\text{NSiN}]^{\text{Dipp}}\text{ZrCl}_2(\text{BH}_4)\}$, 5.

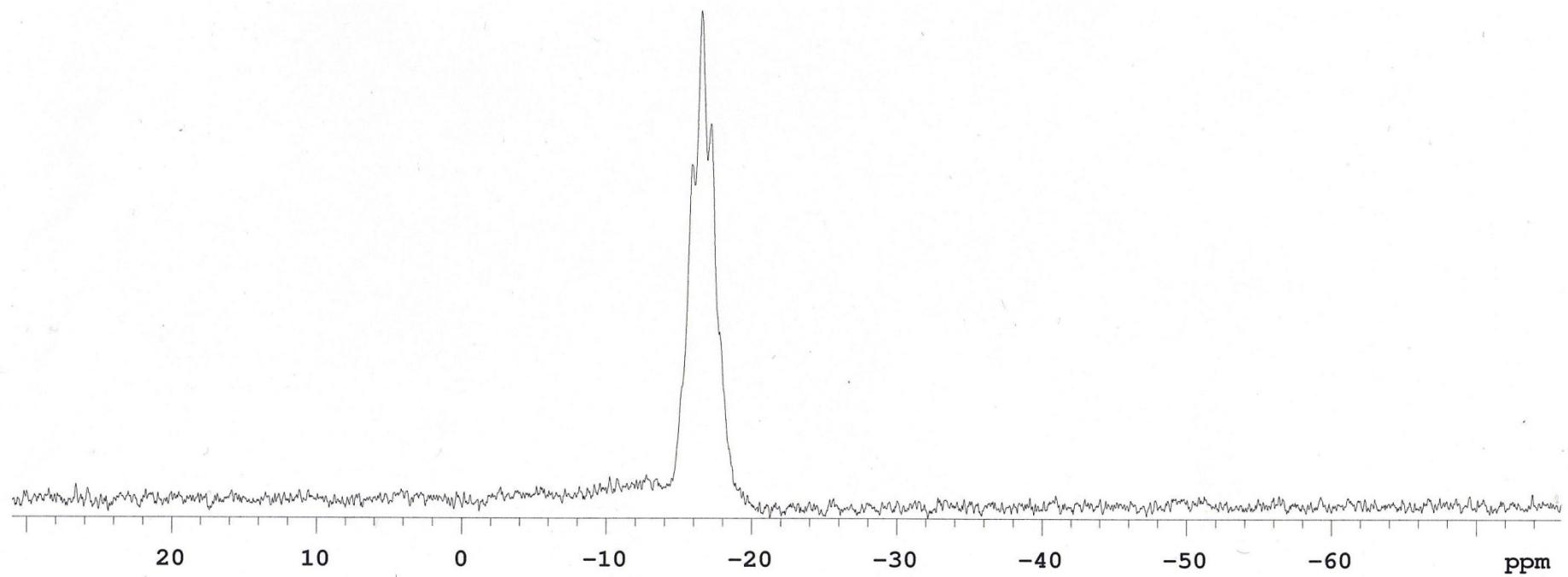


Figure S3: $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum (C_6D_6) of $\text{Li}(\text{THF})_4\{[\text{NSiN}]^{\text{Dipp}}\text{ZrCl}_2(\text{BH}_4)\}$, 5 (* denotes residual solvent).

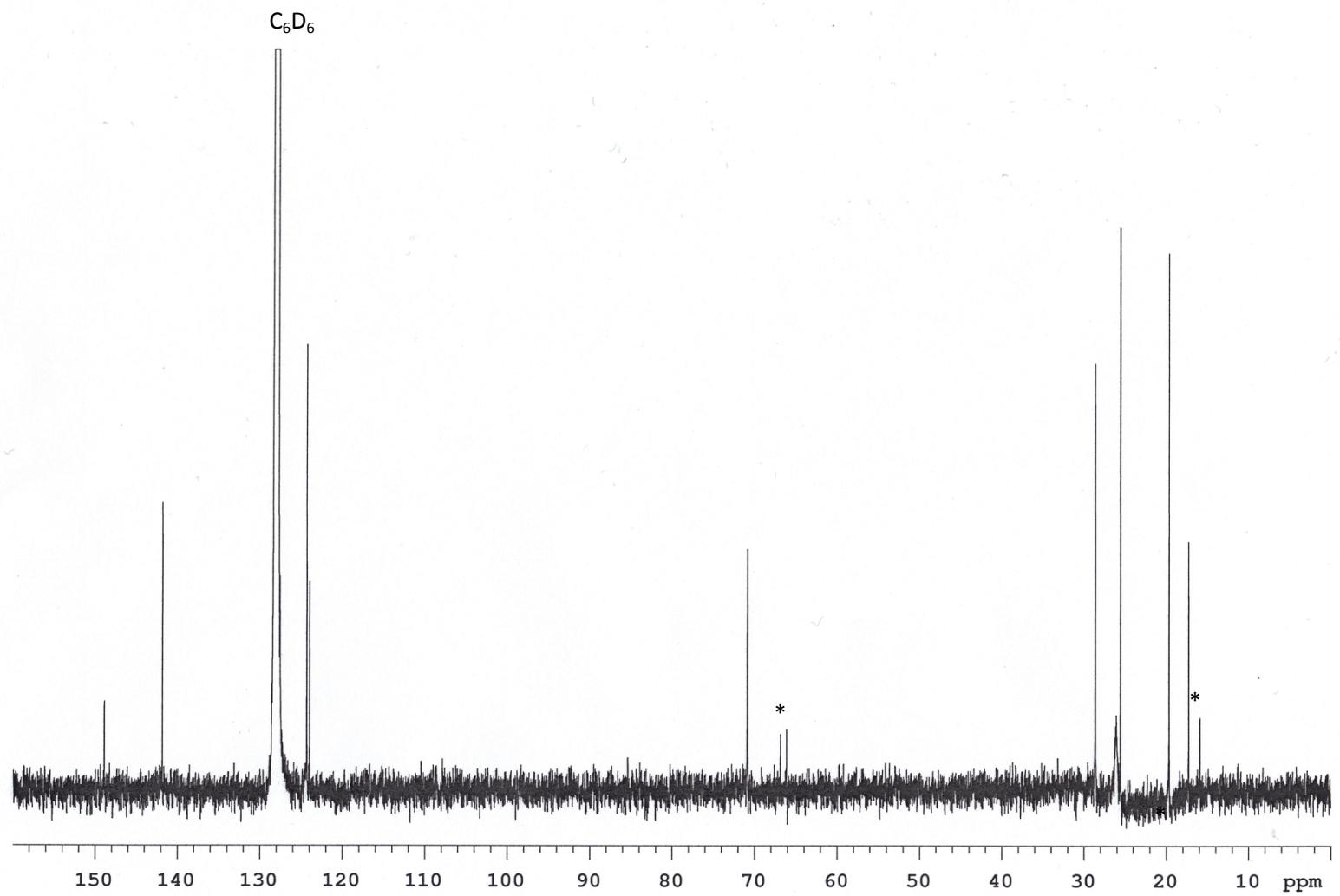


Figure S4: ^1H NMR spectrum (C_6D_6) of $\text{Li}(\text{THF})_4\{[\text{NSiN}]^{\text{Dipp}}\text{ZrMe}_3\}$, (9) (* denotes residual solvent).

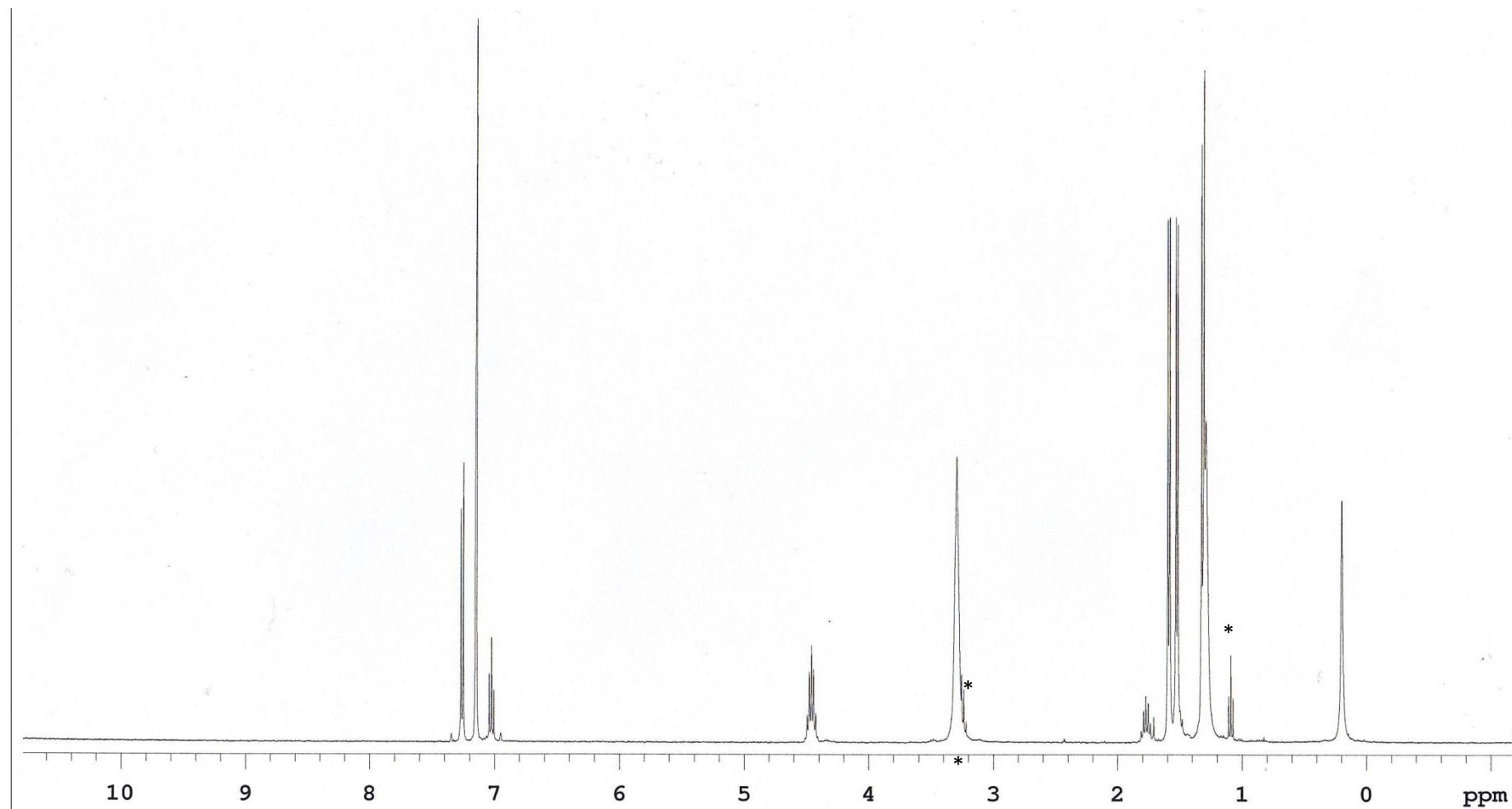


Figure S5: $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum (C_6D_6) of $\text{Li}(\text{THF})_4\{[\text{NSiN}]^{\text{Dipp}}\text{ZrMe}_3\}$, (9) (* denotes residual solvent).

