

Group 4 bis(chelate) metal complexes of monoanionic bidentate [E, O⁻] ligands (E = O, S): synthesis and application as α -olefin polymerization catalysts.

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SUPPORTING INFO

^1H NMR spectrum of complex **1**

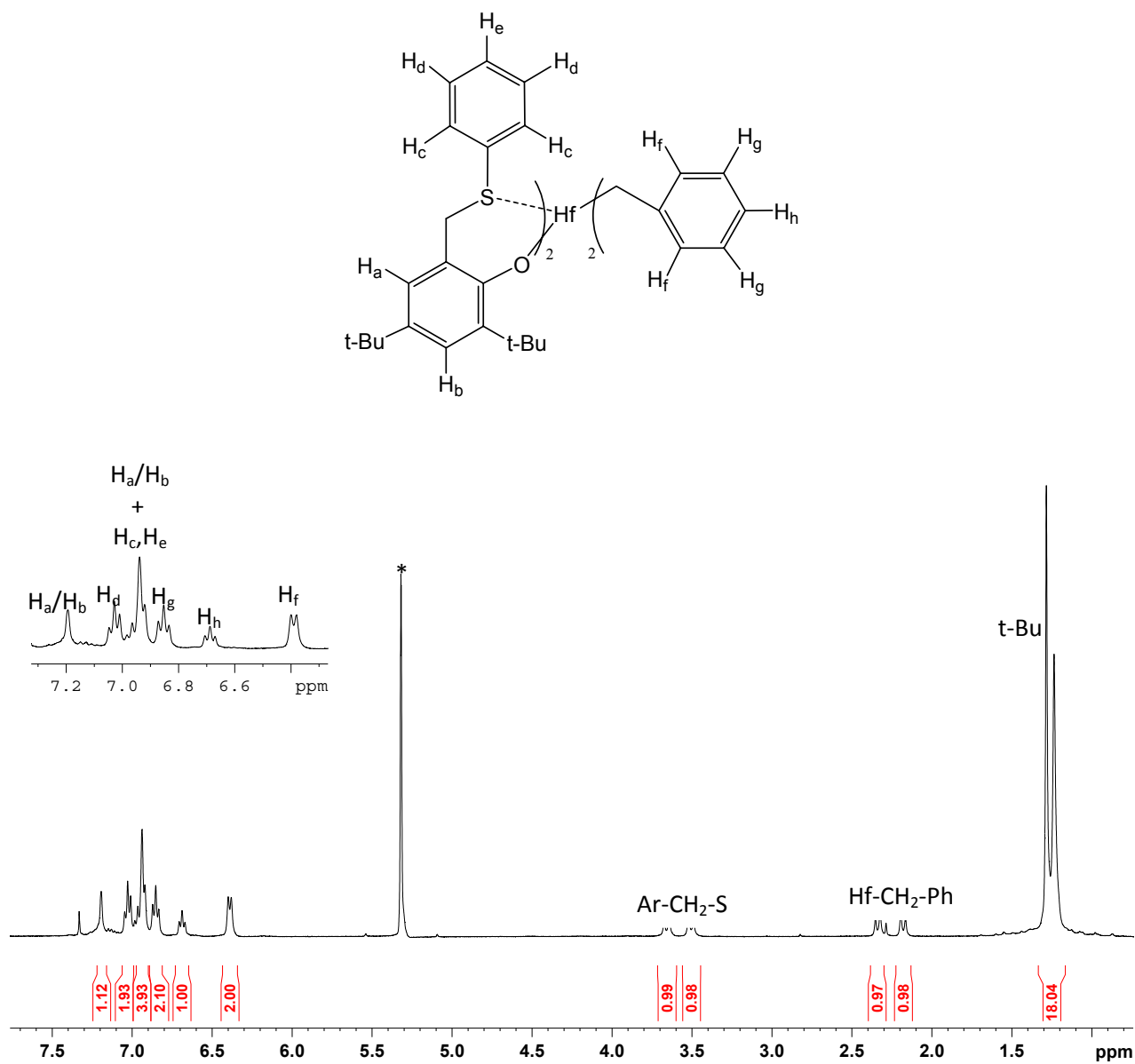


Fig S1. ^1H NMR (400 MHz) spectra of complex **1** in CD_2Cl_2 (*) at $-65\text{ }^\circ\text{C}$.

^1H NMR spectrum of complex **2**

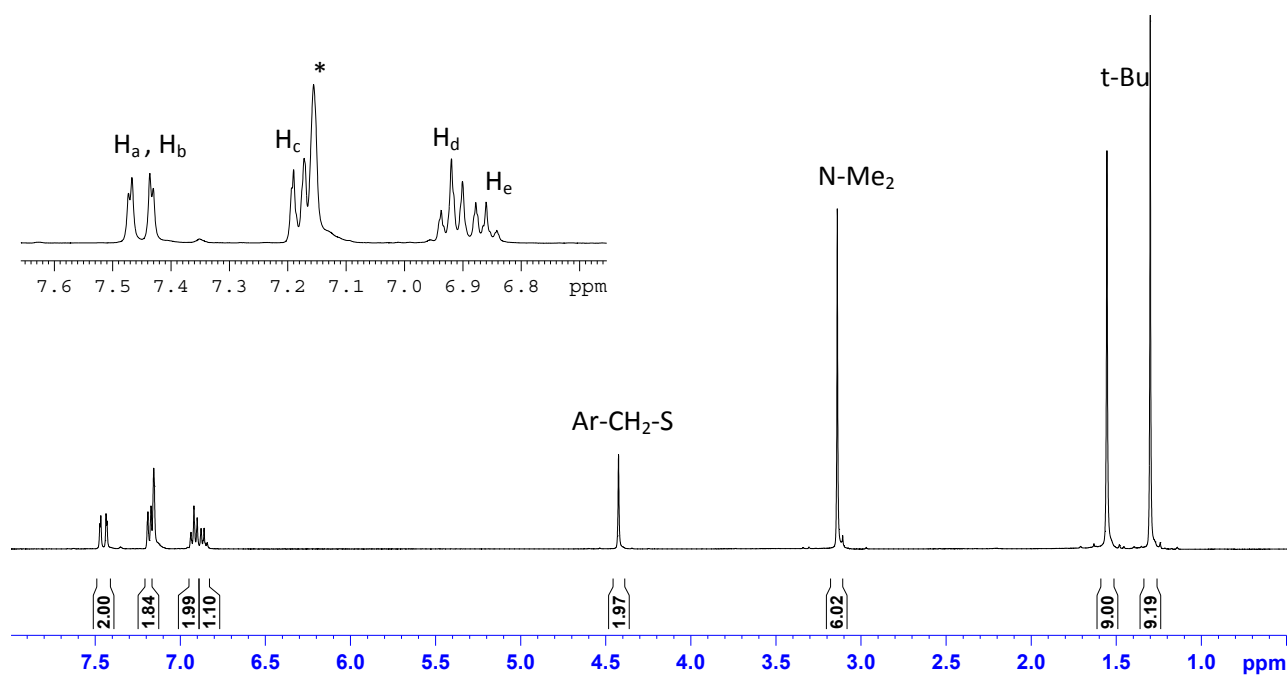
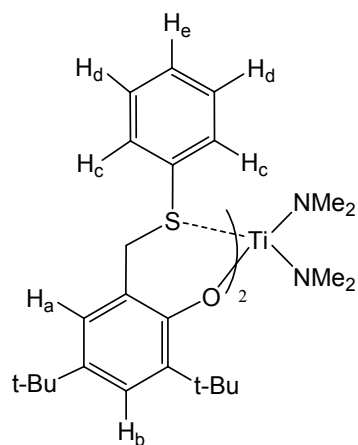


Fig S2. ^1H NMR (400 MHz) spectra of complex **2** in C_6D_6 (*) at 25 °C.

^1H NMR spectrum of complex **3**

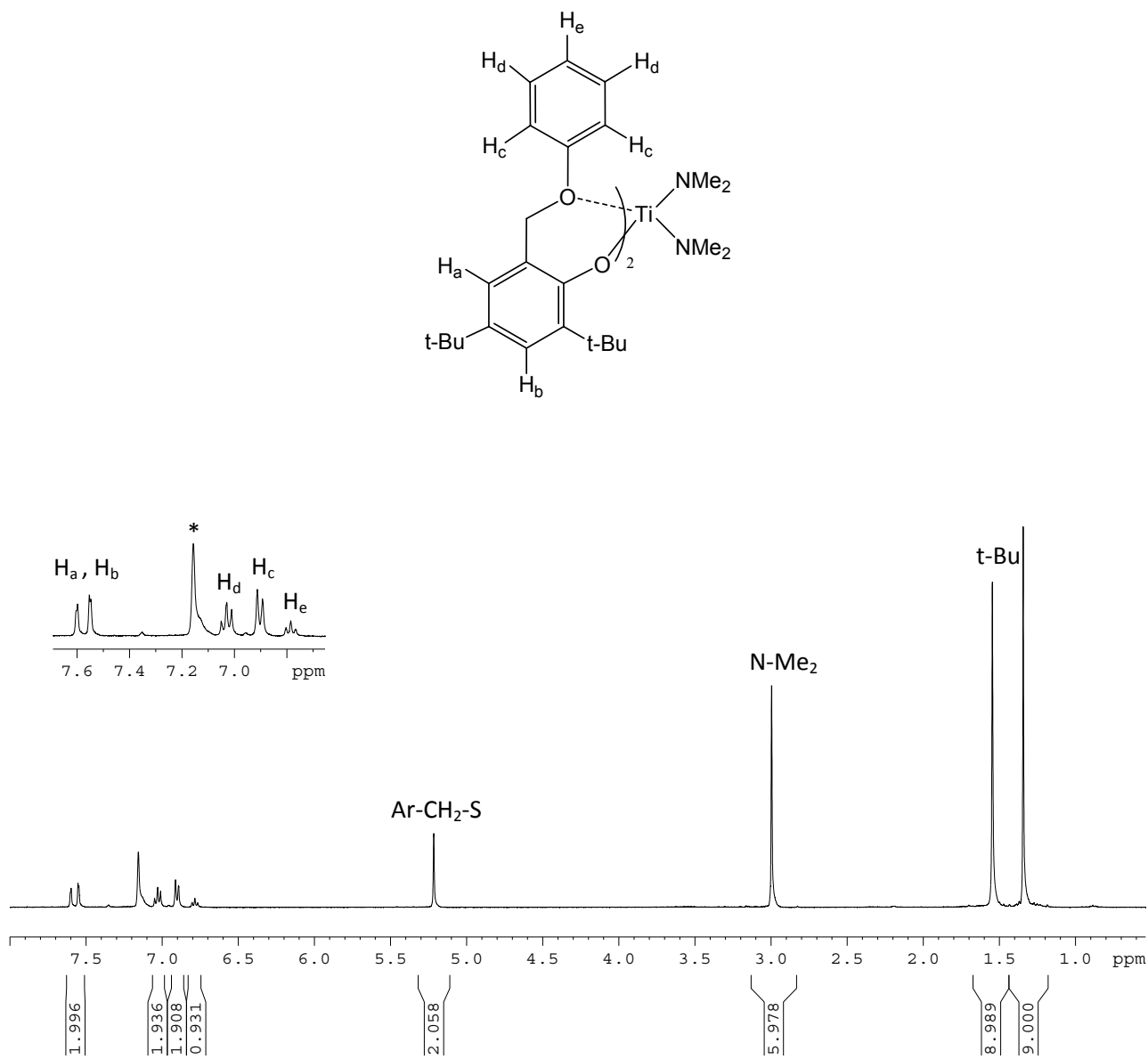


Fig S3. ^1H NMR (400 MHz) spectra of complex **3** in C_6D_6 (*) at 25 °C.

^1H NMR spectrum of complex **4**

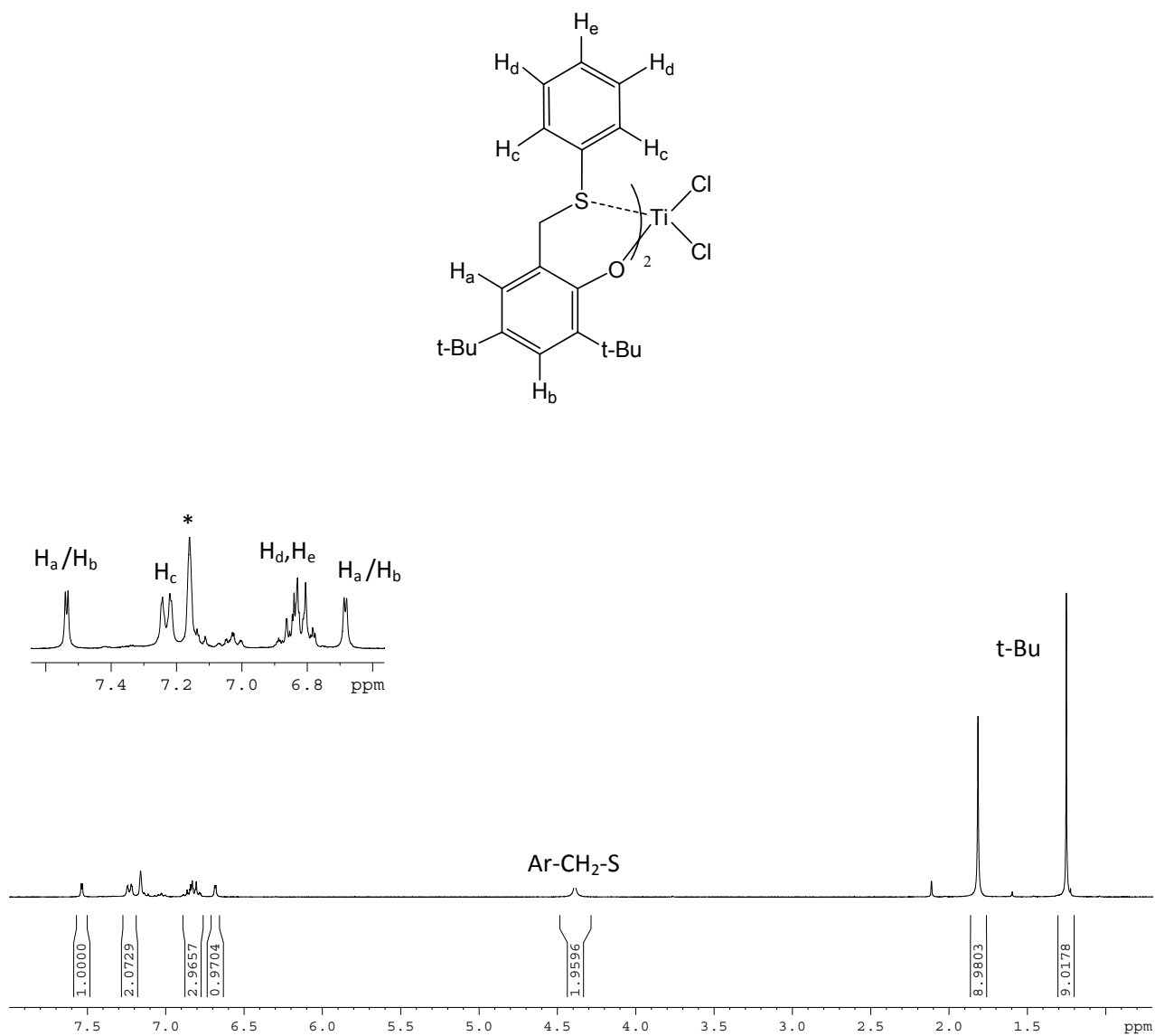


Fig S4. ^1H NMR (400 MHz) spectra of complex **4** in C_6D_6 (*) at 25 °C.

Eyring plot for complex **1** in CD₂Cl₂.

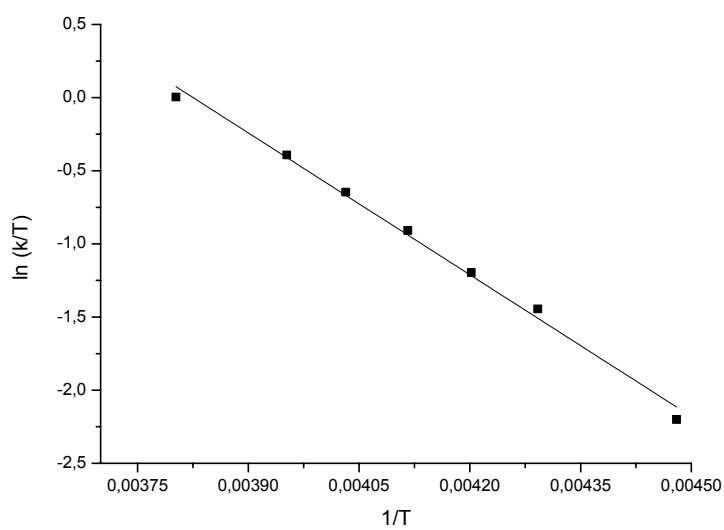


Fig S5. Eyring plot for complex **1** in CD₂Cl₂.

$$y = a x + b$$

Parameter	Value	Error
a	11.938	0.212
b	-3121.088	51.58

$$R = 0.99891$$