Bis(Indenyl)Hafnium Chemistry: Ligand-Induced Haptotropic Rearrangement and Fundamental Reactivity Studies at a Reduced Hafnium Center.

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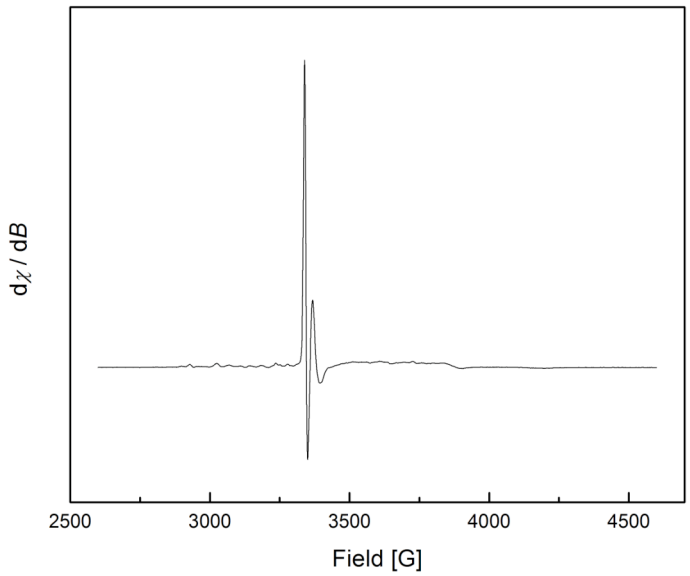
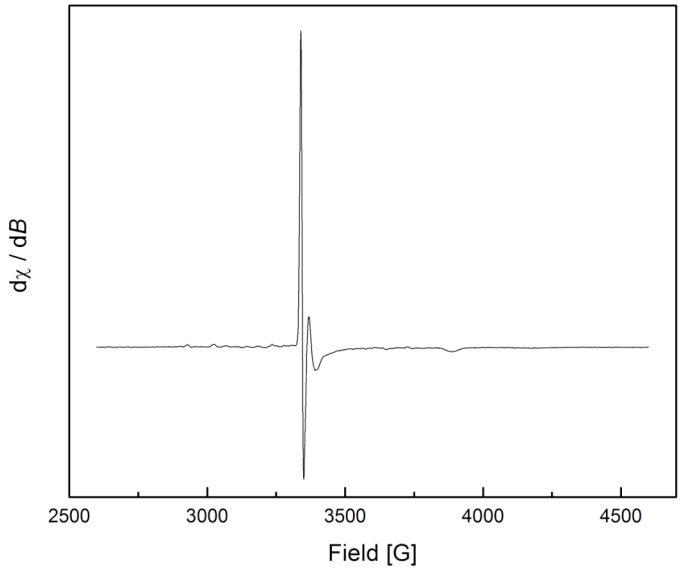
■ *Supporting Information –*

EPR Spectra of 1-Cl

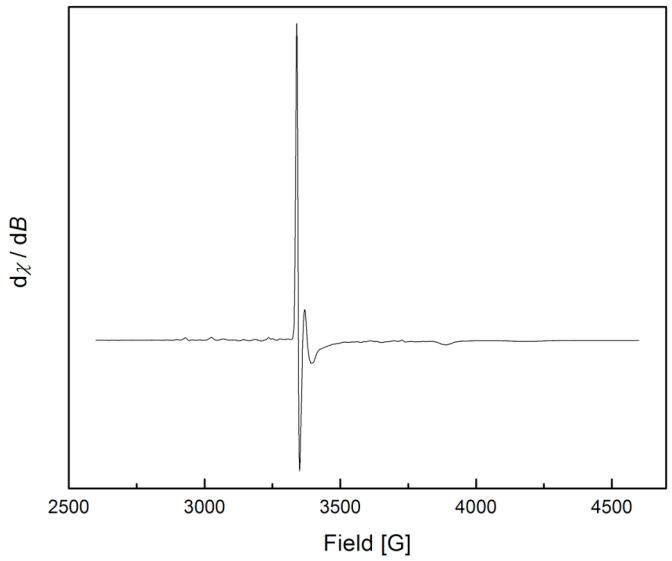
5 K



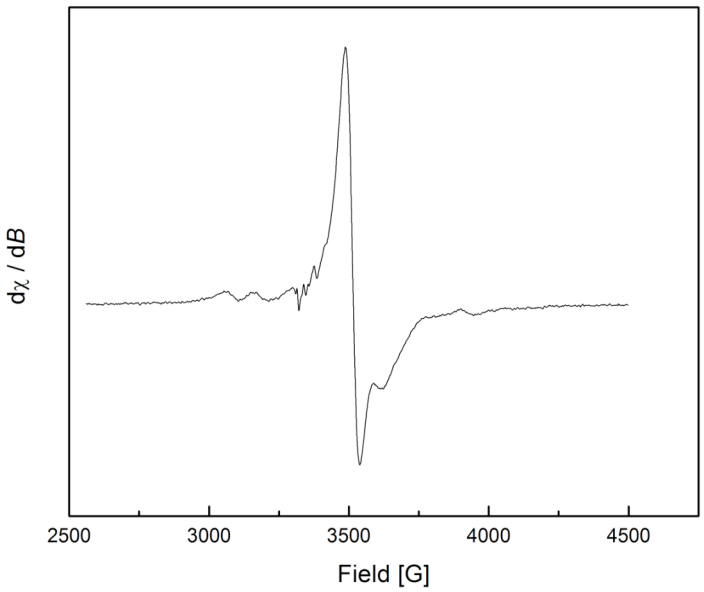
26 K



50 K


dχ / dB
2500
3000
3500
4000
4500
Field [G]

293 K


dχ / dB
2500
3000
3500
4000
4500
Field [G]

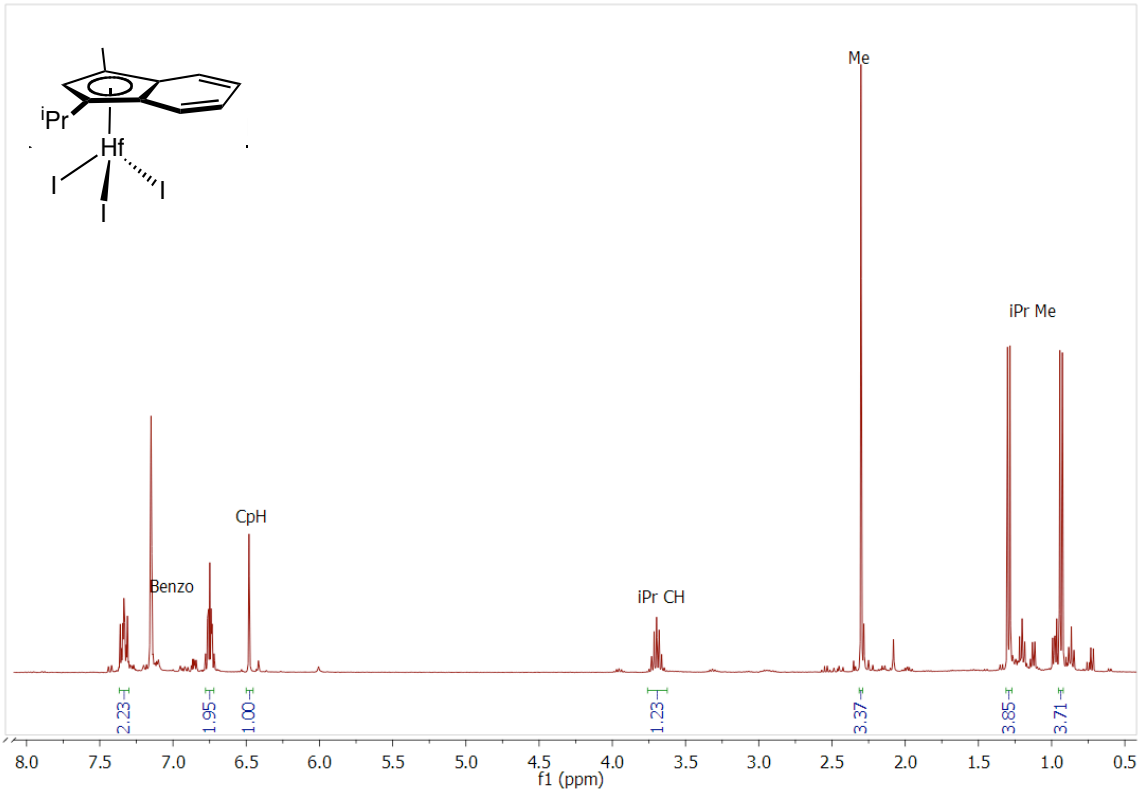


Figure S1: ^{1}H NMR spectrum of **4-I$_3$** in benzene-d_6.

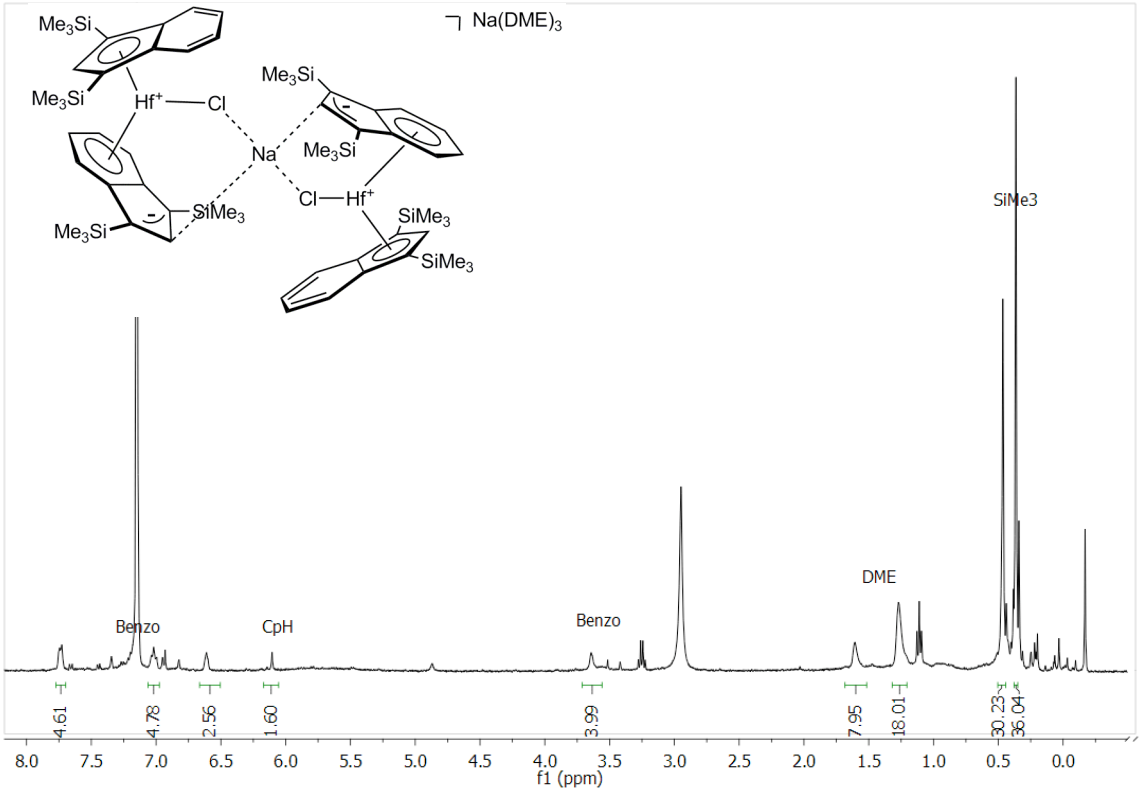


Figure S2: ^{1}H NMR spectrum of **[1-Cl]$_2$Na$_2$(DME)$_3$** in benzene-d_6.

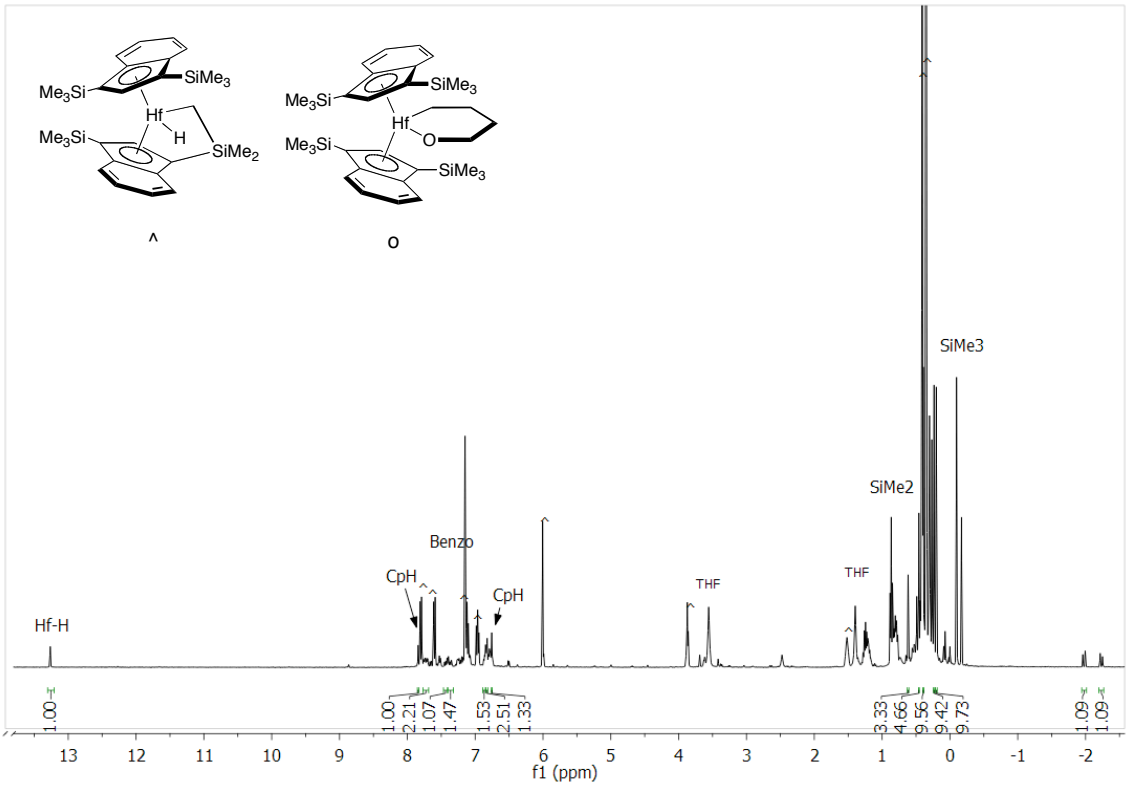


Figure S3: [1]H NMR spectrum of **1-*cyclo*-O(CH$_2$)$_3$CH$_2$** (o) and **1-CMH** (^) in benzene-d_6.

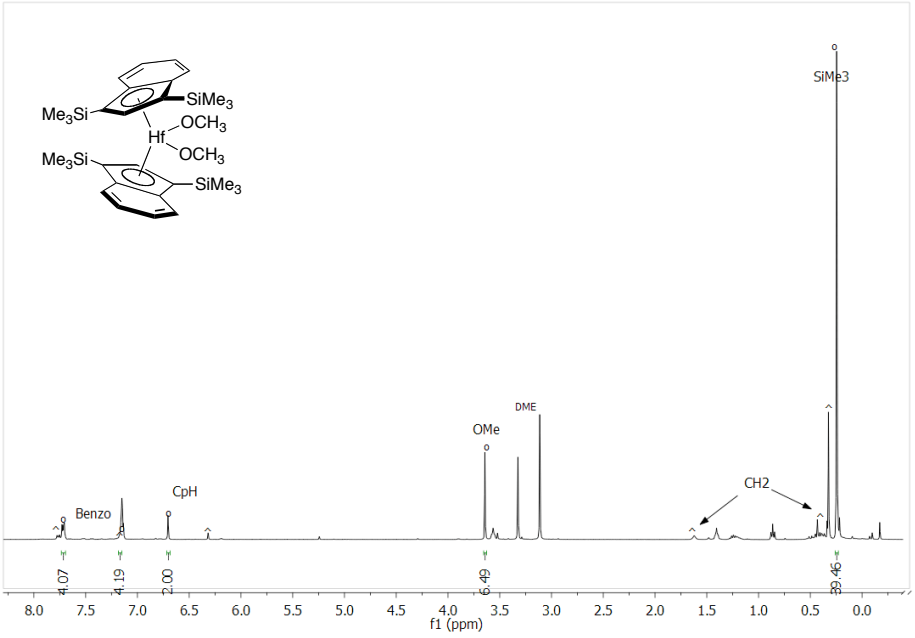


Figure S4s: [1]H NMR spectrum of dimethoxyethane cleavage from **1-DME** in benzene-d_6. The labeled peaks are for **1-(OMe)$_2$**. ^ denotes resonances attributed to **1-C$_4$H$_8$**.

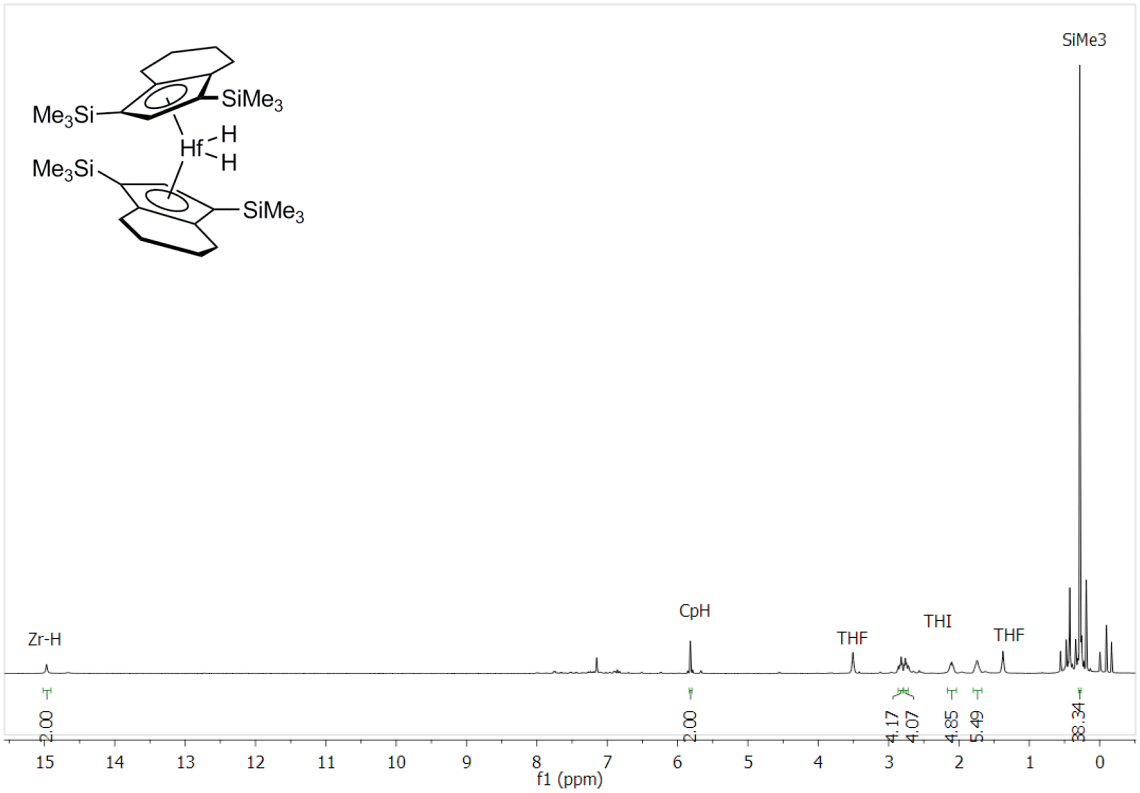


Figure S5: ^{1}H NMR spectrum of **1-THI** in benzene-d_6.

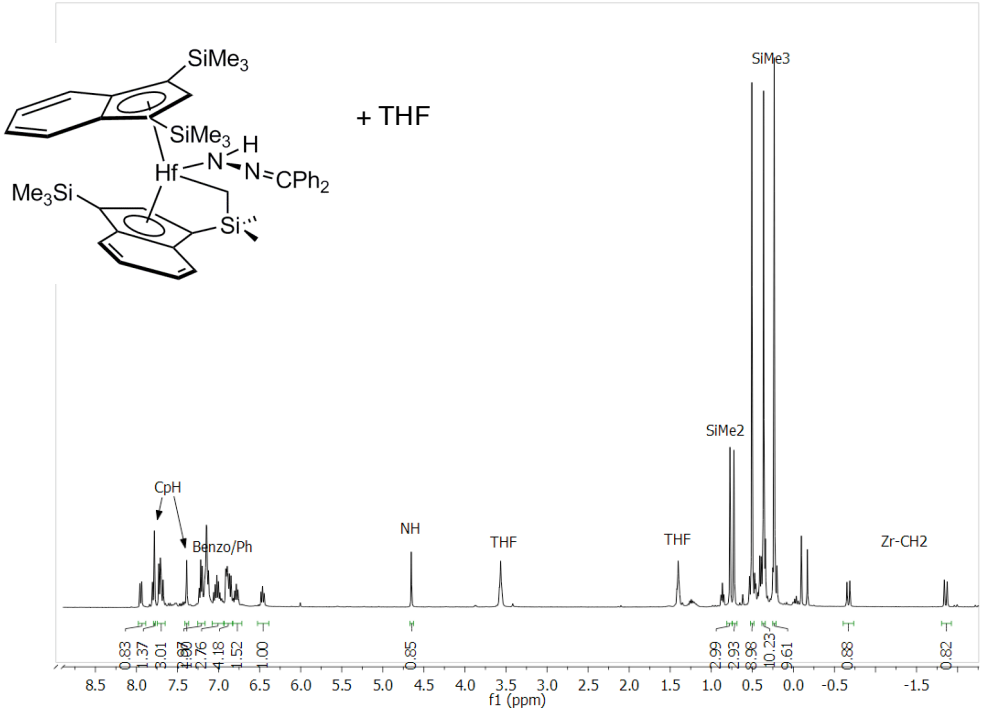


Figure S6: ^{1}H NMR spectrum of **1-CM(NHN=CPh$_2$)** in benzene-d_6.

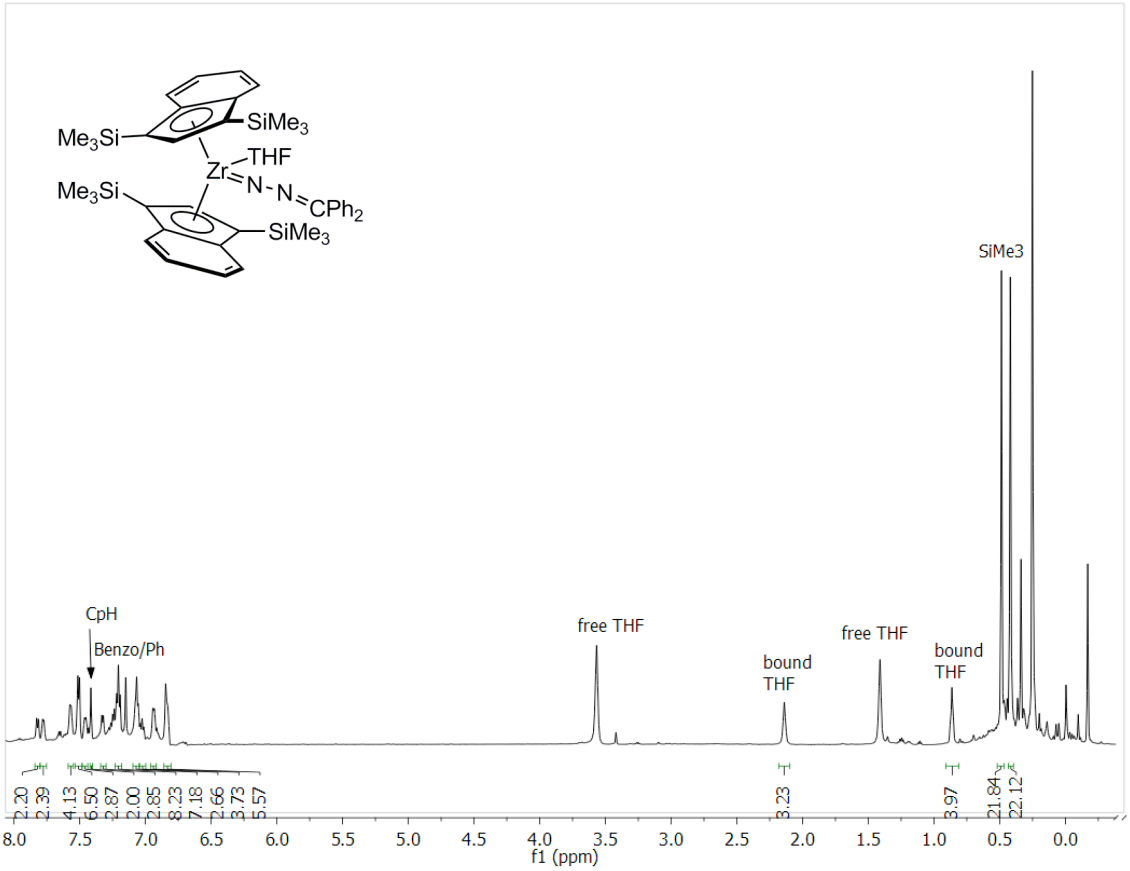


Figure S7: ^{1}H NMR spectrum of **5-N_2CPh_2(THF)** in benzene-d_6.