

Supplementary Information for:

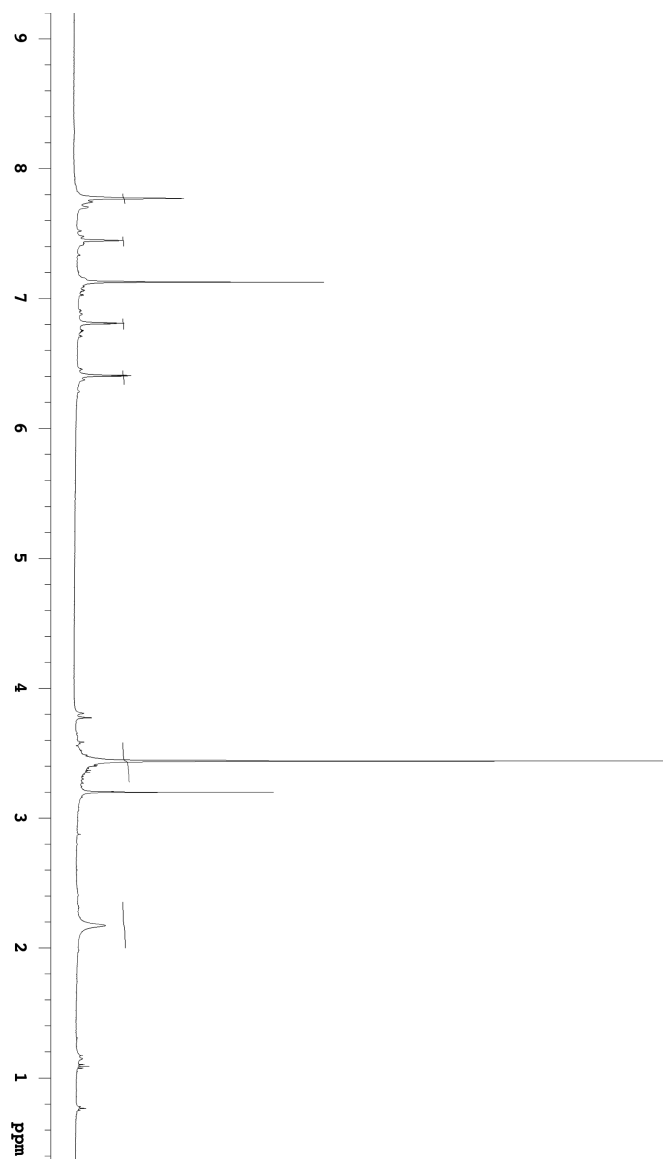
**Synthesis and Hydroamination Catalysis with 3-Aryl
Substituted Pyrrolyl and Dipyrrolylmethane Titanium(IV)
Complexes**

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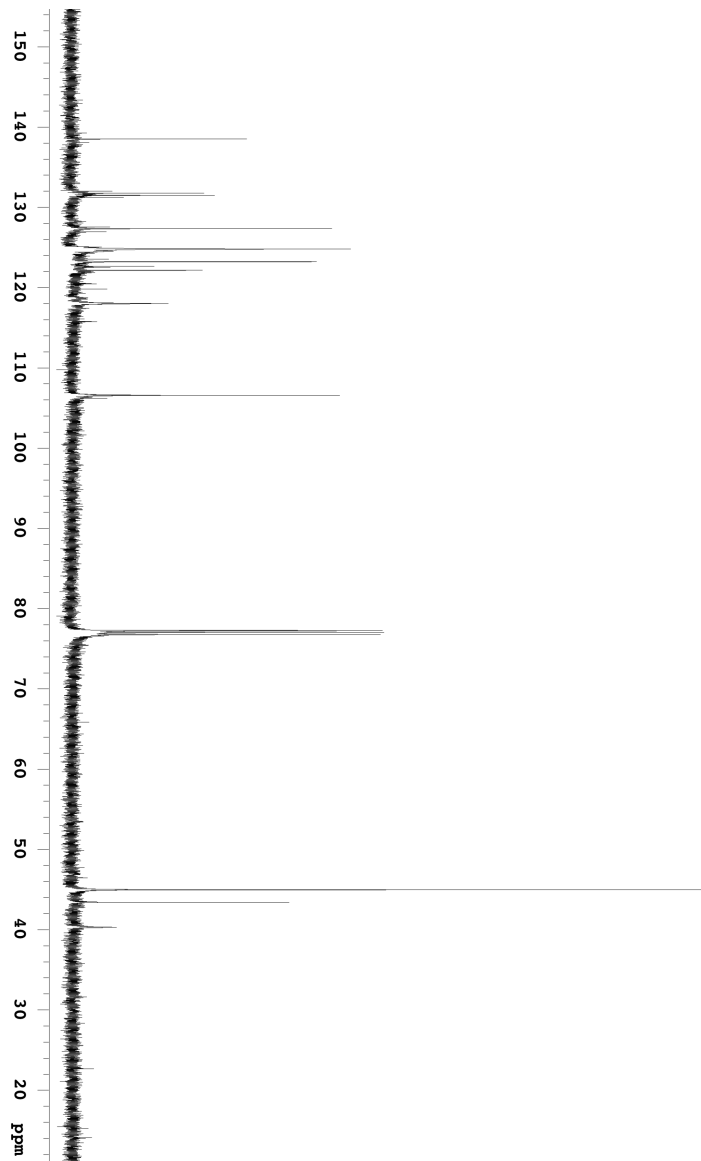
A. NMR Spectra for $\text{Ti}(\text{NMe}_2)_2(\text{NHMe}_2)(\text{pyr}^{3,5\text{-CF}_3})_2$ (1)	2
B. Representative Plots for kinetics	4

A. NMR Spectra for $\text{Ti}(\text{NMe}_2)_2(\text{NHMe}_2)(\text{pyr}^{3,5-\text{CF}_3})_2$ (1**)**

^1H spectrum for $\text{Ti}(\text{NMe}_2)_2(\text{NHMe}_2)(\text{pyr}^{3,5-\text{CF}_3})_2$ (**1**) in CDCl_3 .

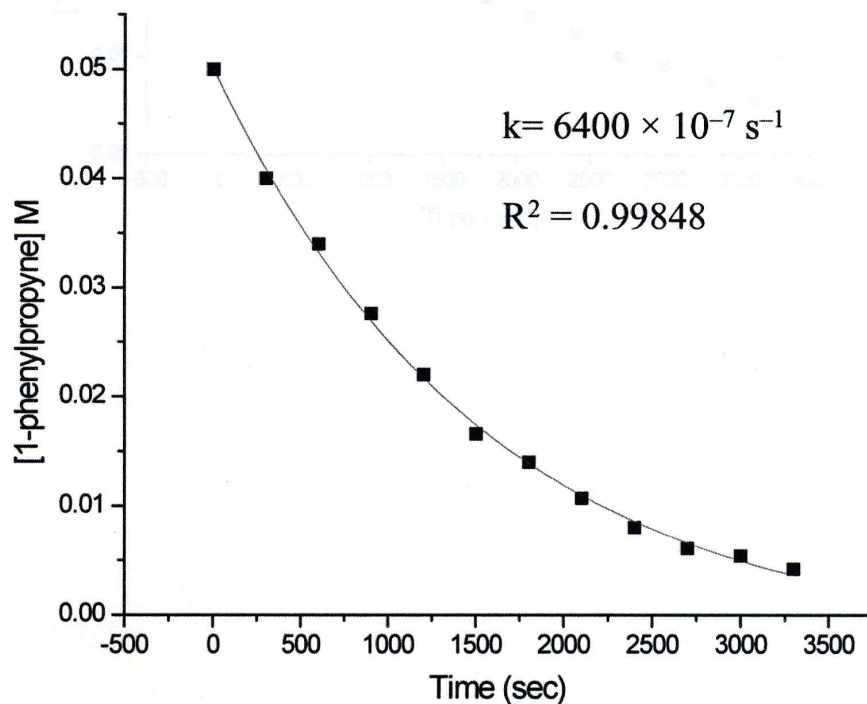


^{13}C spectrum for $\text{Ti}(\text{NMe}_2)_2(\text{NHMe}_2)(\text{pyrr}^{3,5-\text{CF}_3})_2$ (**1**) in CDCl_3 .



B. Representative Plots for kinetics

Plot of [1-phenylpropyne] vs time with 10 mol% **3** at 75 °C



Plot of [1-phenylpropyne] vs time with 10 mol% **4** at 75 °C

