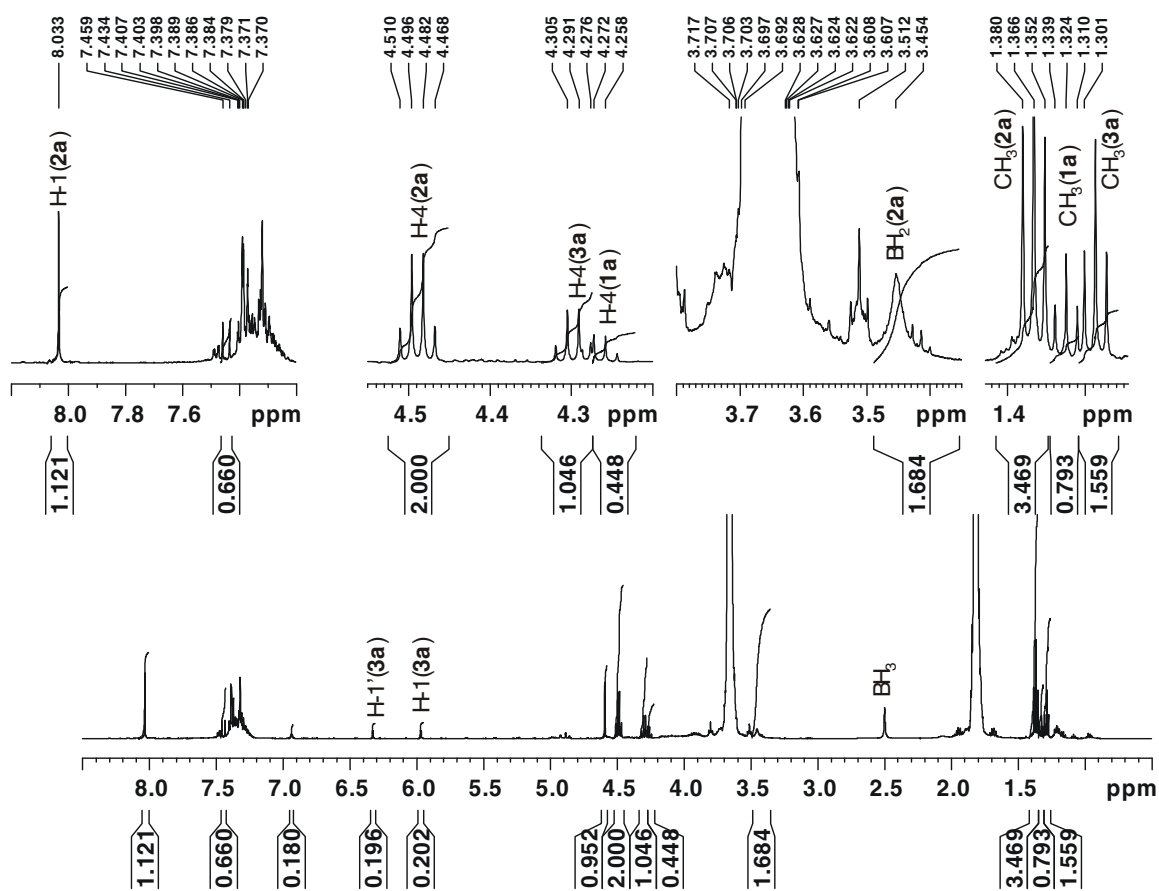


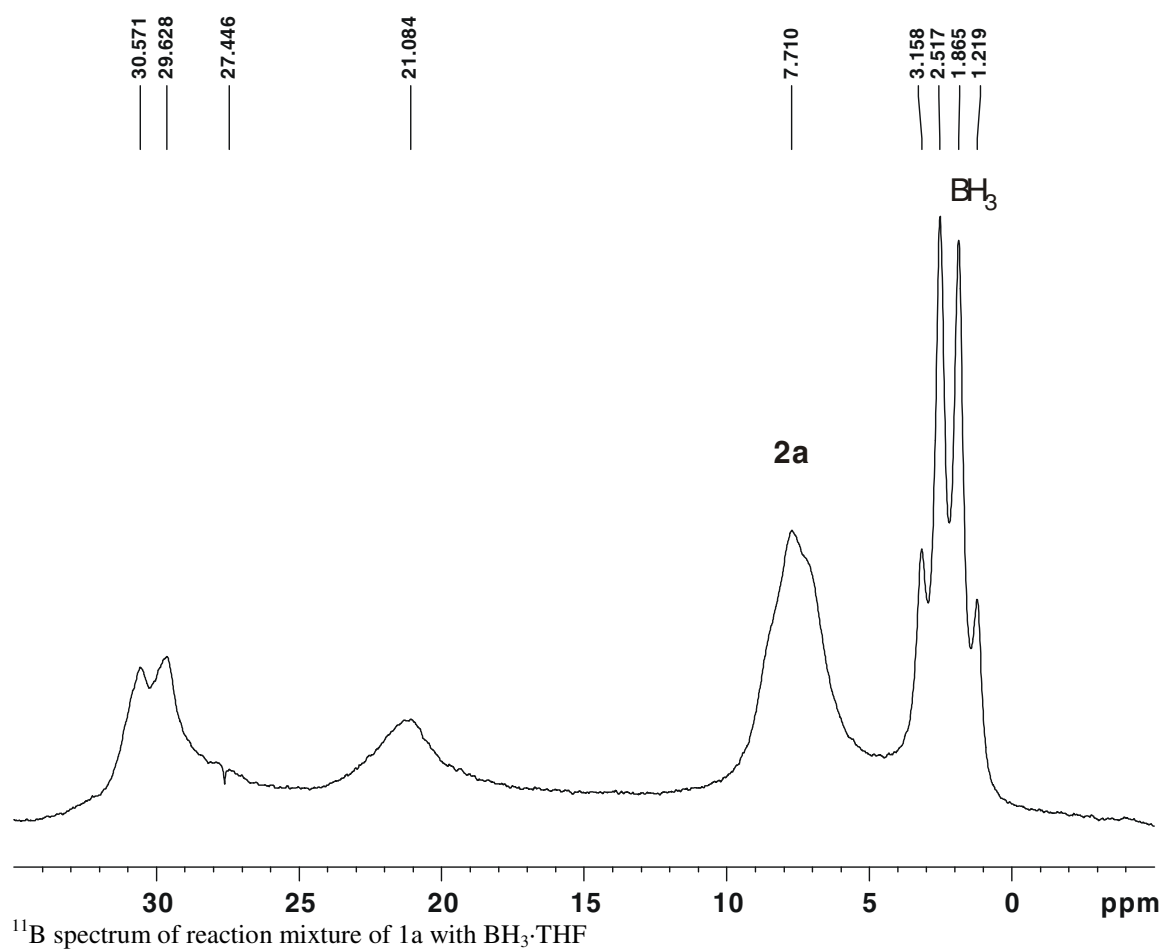
SUPPLEMENTARY MATERIAL

1a + BH_3/THF (1.7eq.) after warmup from -50°C and 1.5 h at -5°C

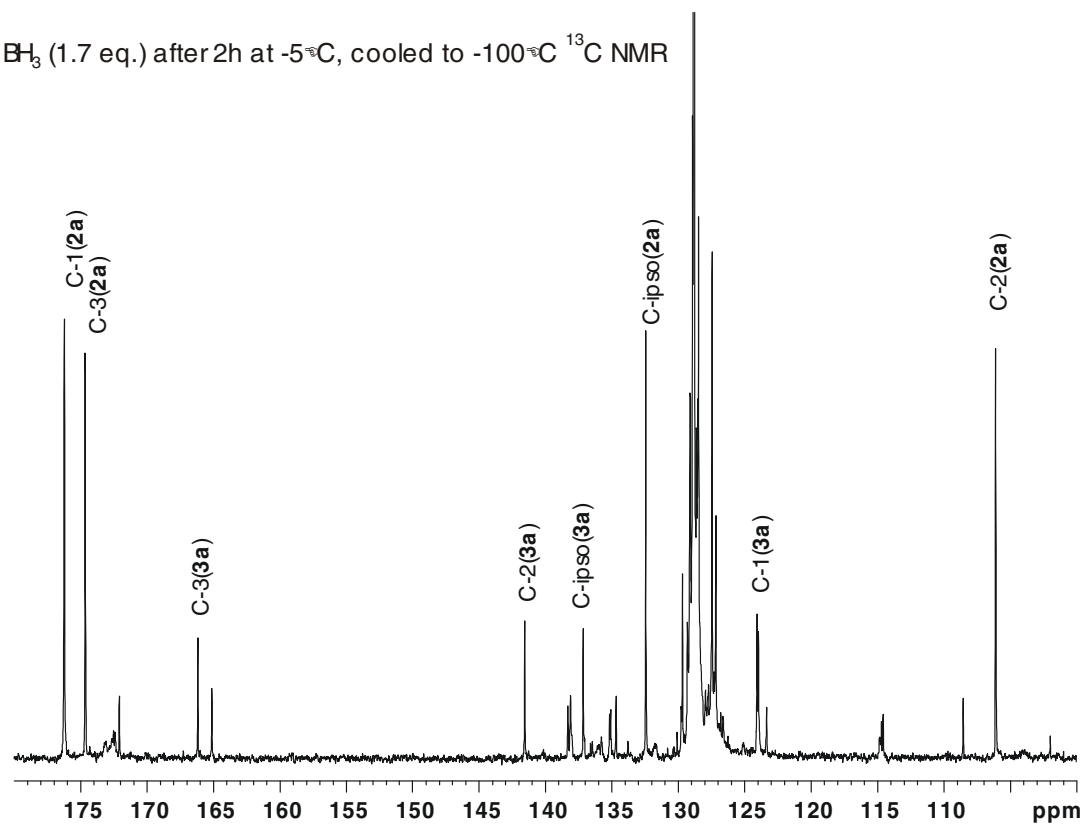


Proton Spectrum of reaction mixture **1a** + BH_3

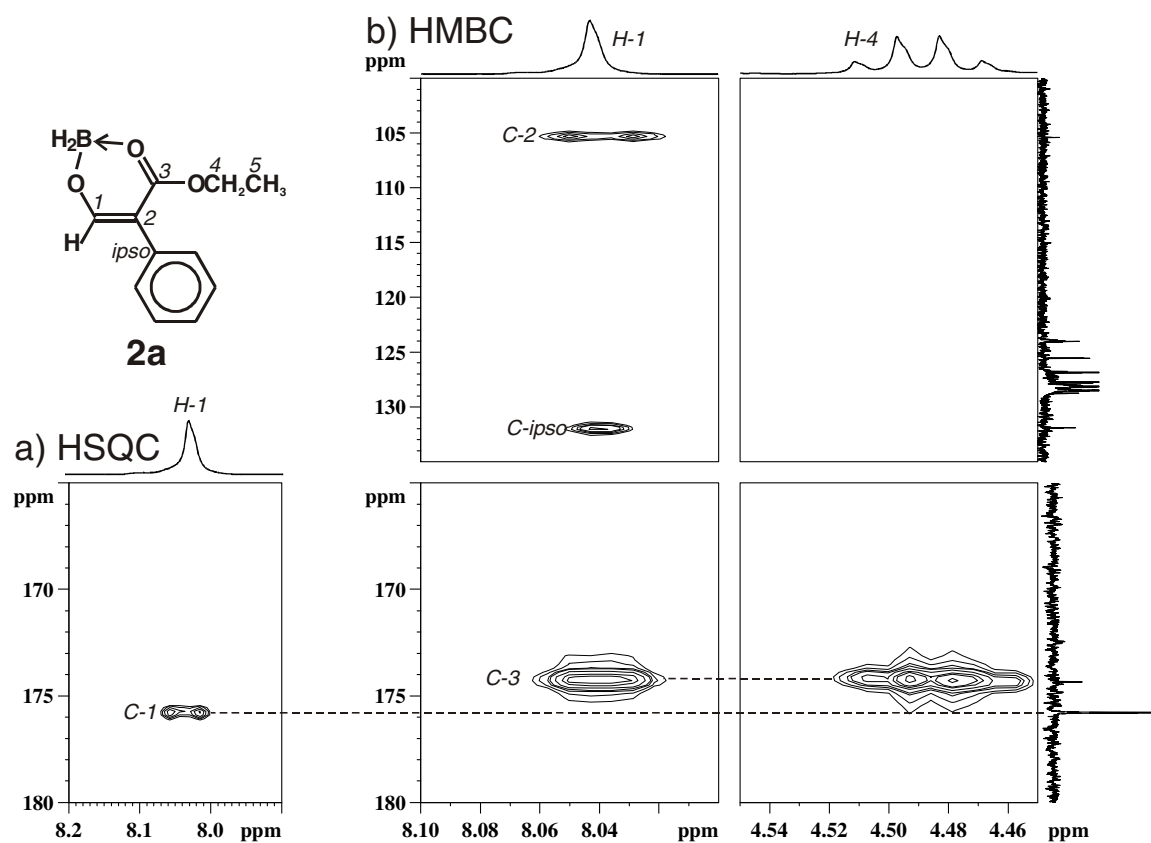
1a + BH_3/THF (1.7 eq) after warmup from -50°C and 1.5h at -5°C ^{11}B NMR



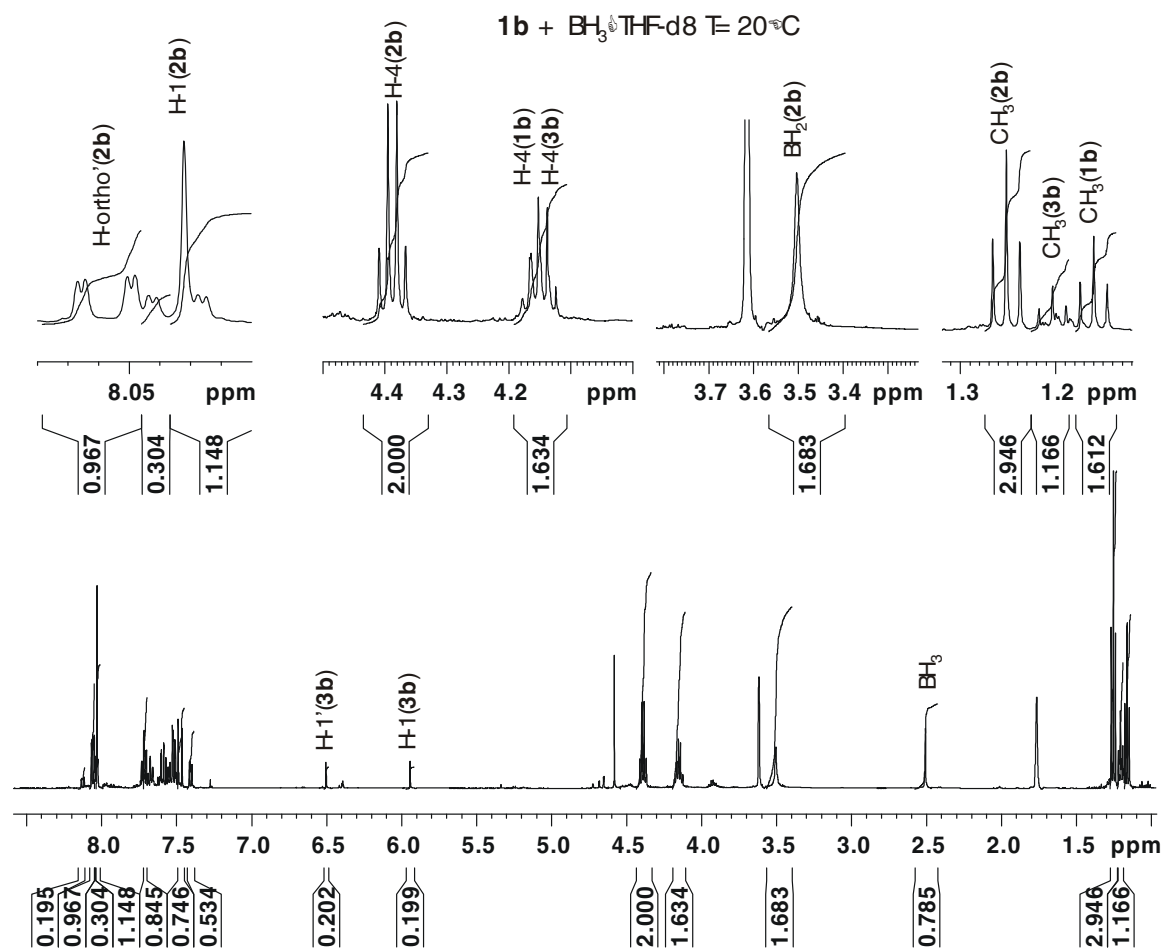
1a + BH_3 (1.7 eq.) after 2h at -5°C , cooled to -100°C ^{13}C NMR



^{13}C NMR spectrum of reaction mixture **1a** + $\text{BH}_3\cdot\text{THF}$



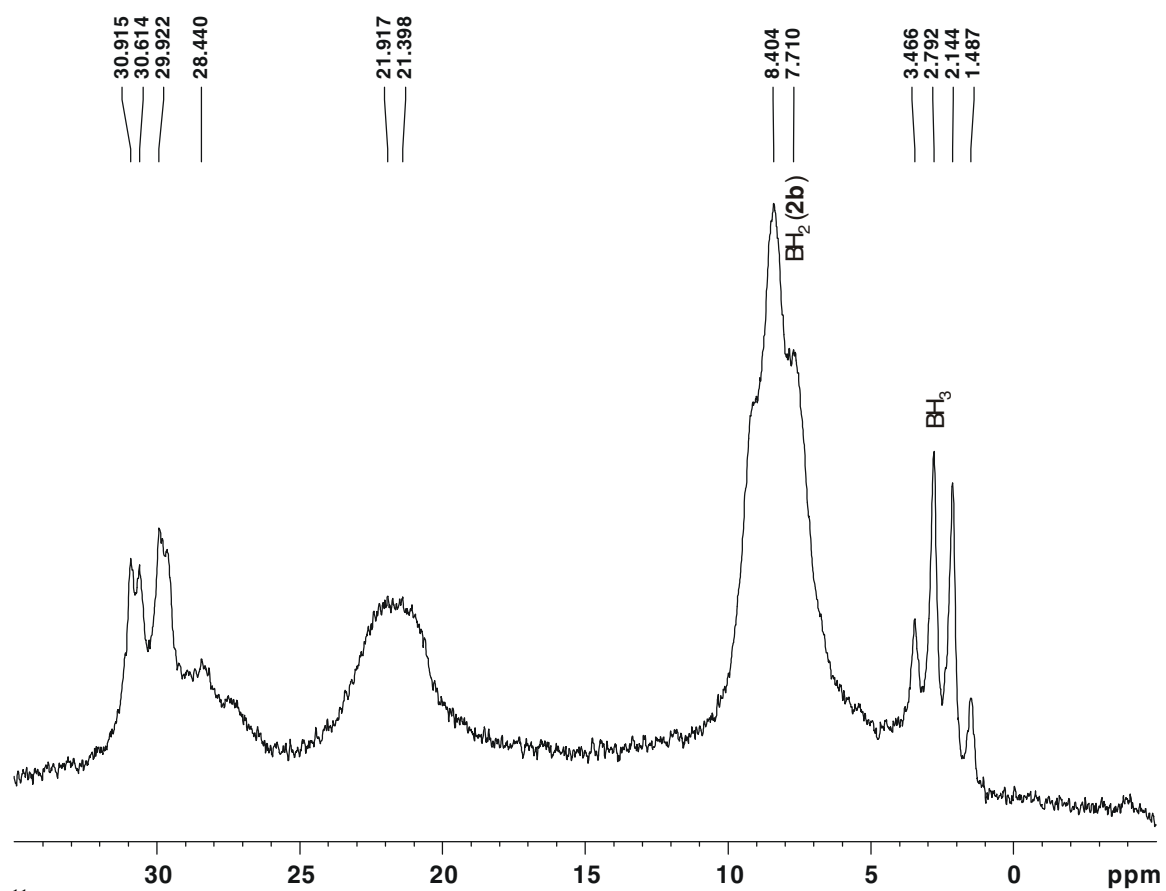
Selected regions of the $^1\text{H}\{^{13}\text{C}\}$ HSQC and $^{-}\text{HMBC}$ spectra of **2a**.



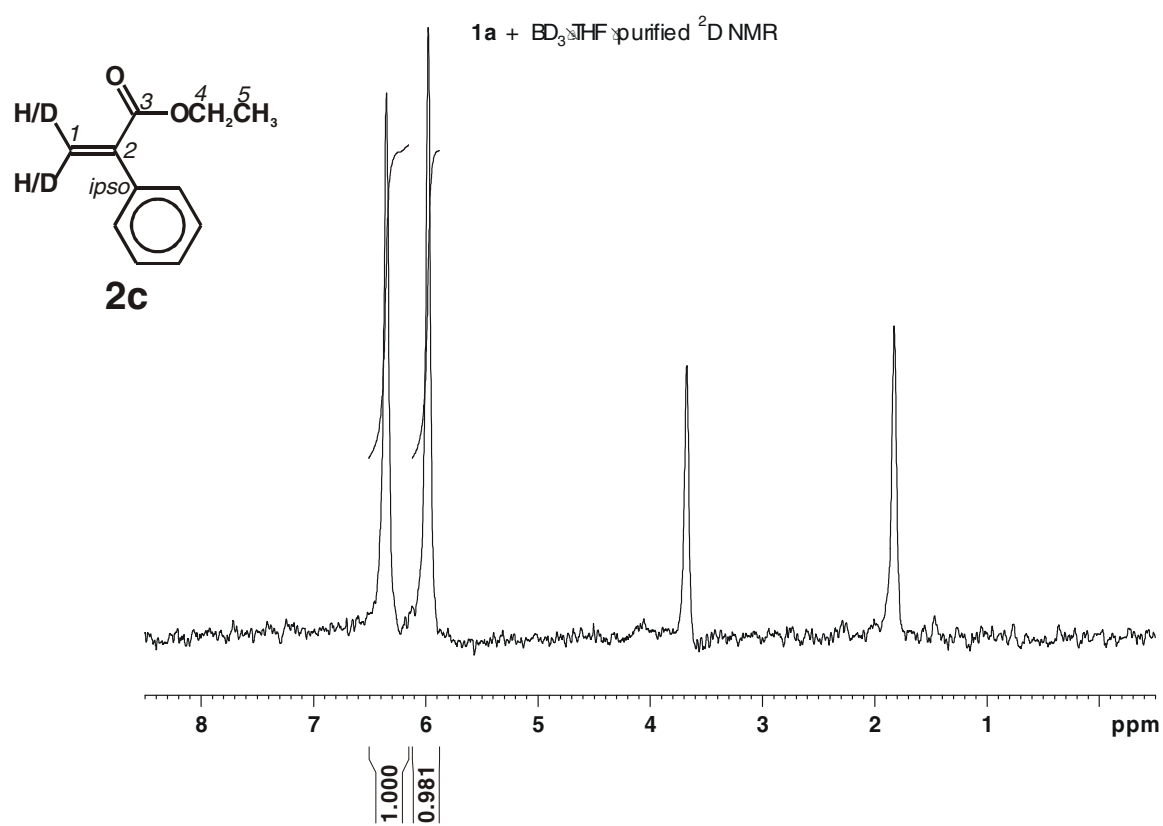
¹H NMR of reaction mixture of **1b** with BH₃·THF

1b + BH₃·THF-d₈ after 2h at 0°C and slow warmup to 20°C

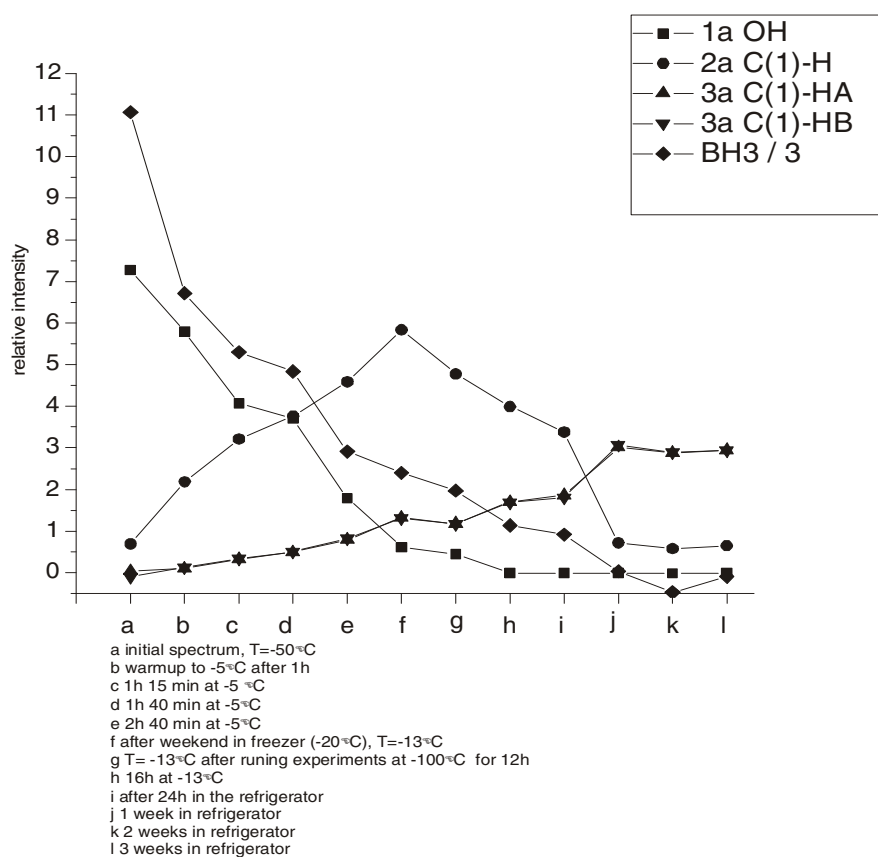
¹¹B NMR



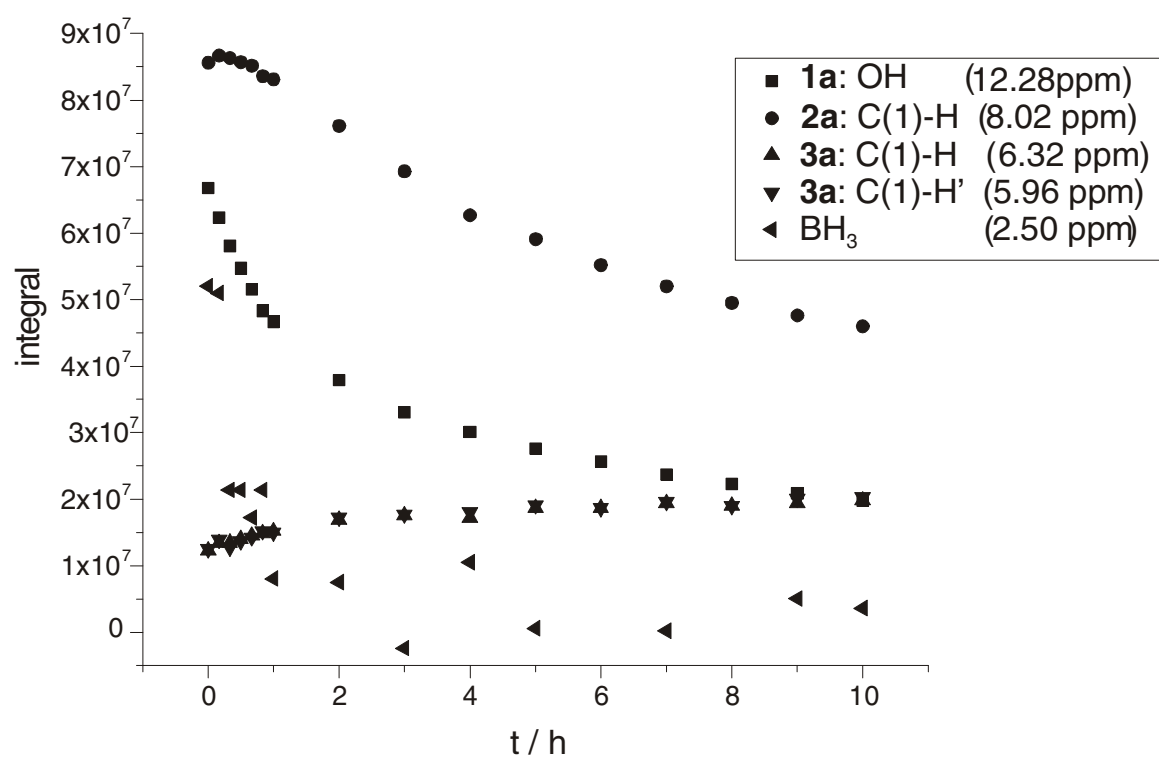
¹¹B NMR spectrum of reaction mixture of **1b** with BH₃·THF



²D NMR spectrum of **3a-d** prepared by reaction of **1b** with BD₃·THF (purified)



Progress of the reaction of **1a** with 1.7 equivalents of BH₃·THF



Reaction of **1a** with 0.5 equivalents $\text{BH}_3 \cdot \text{THF}$ after warming to 273K