Supporting Information

Absolute Control of Helical Handedness in Quinoline Oligoamides

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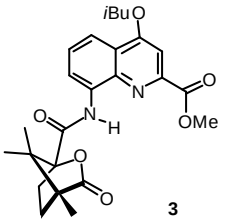
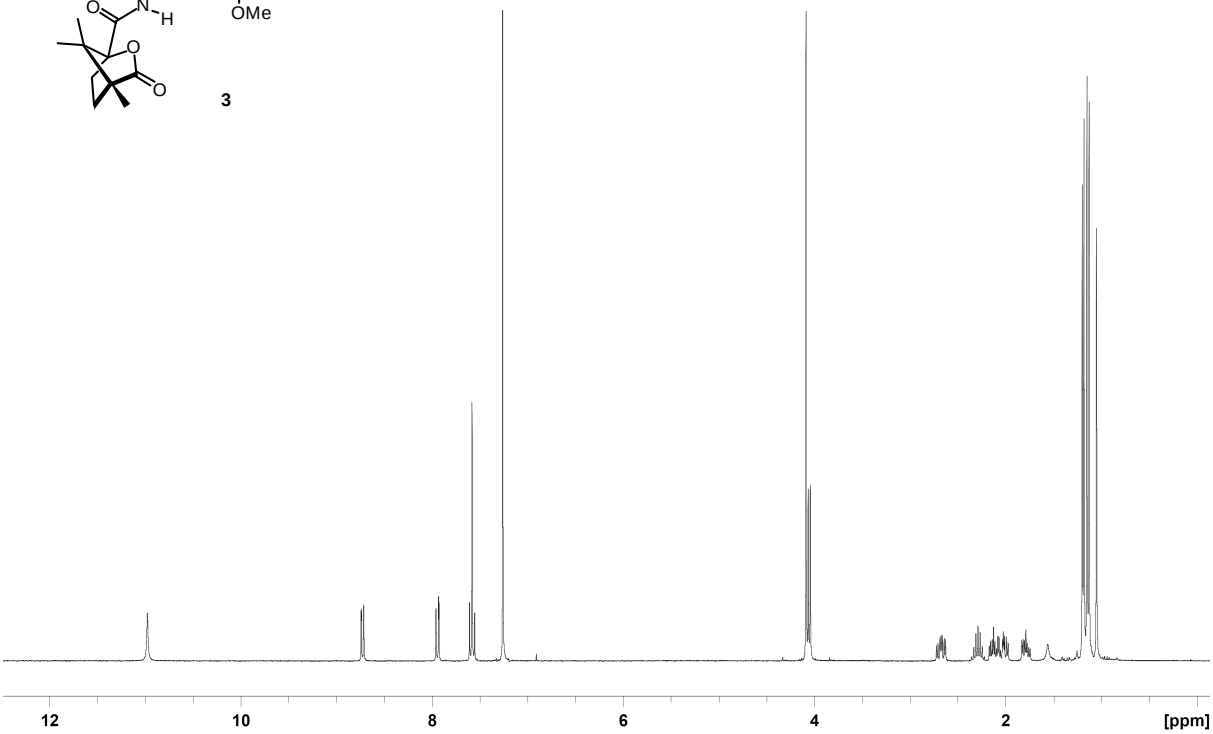
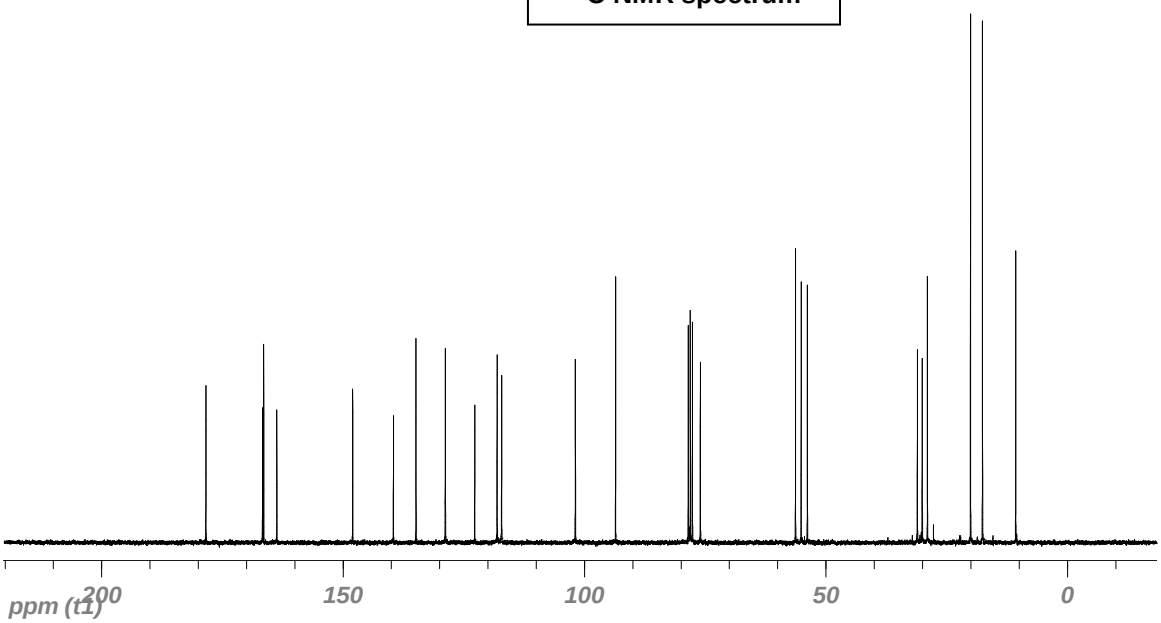
NMR spectra

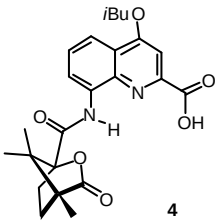


^{1}H NMR spectrum

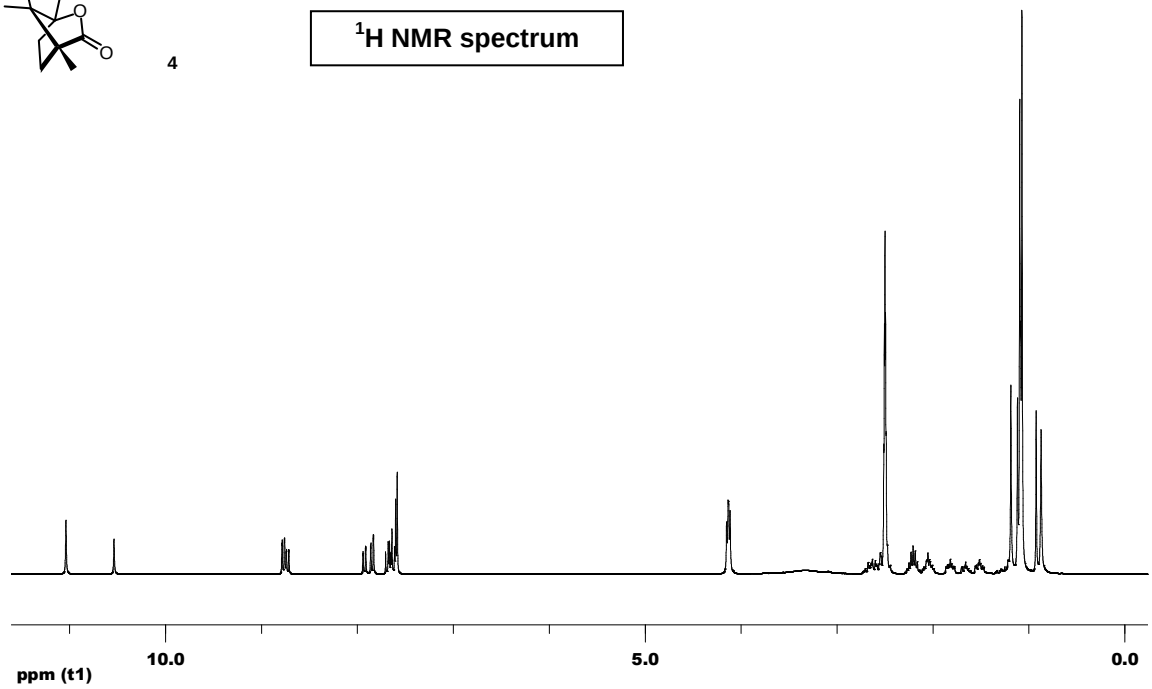


^{13}C NMR spectrum

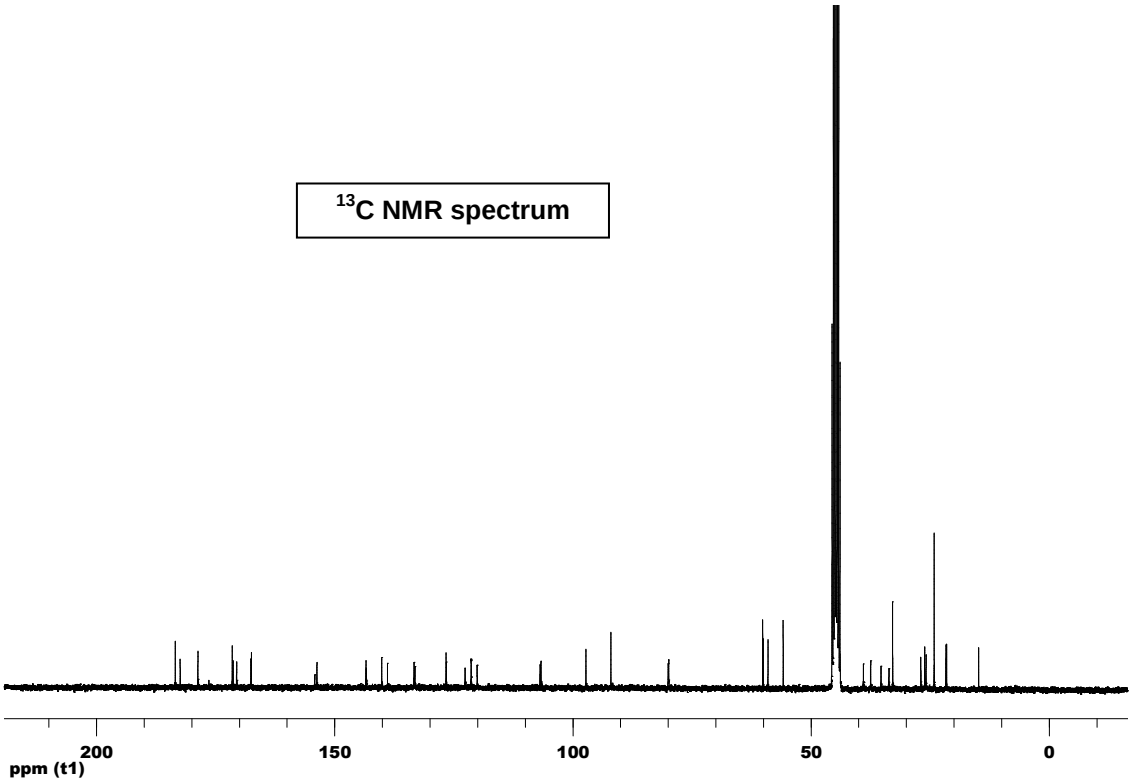


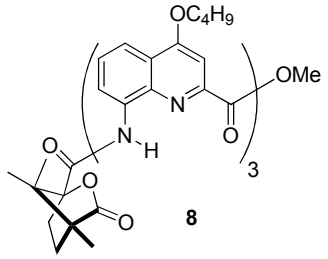


^{1}H NMR spectrum



^{13}C NMR spectrum





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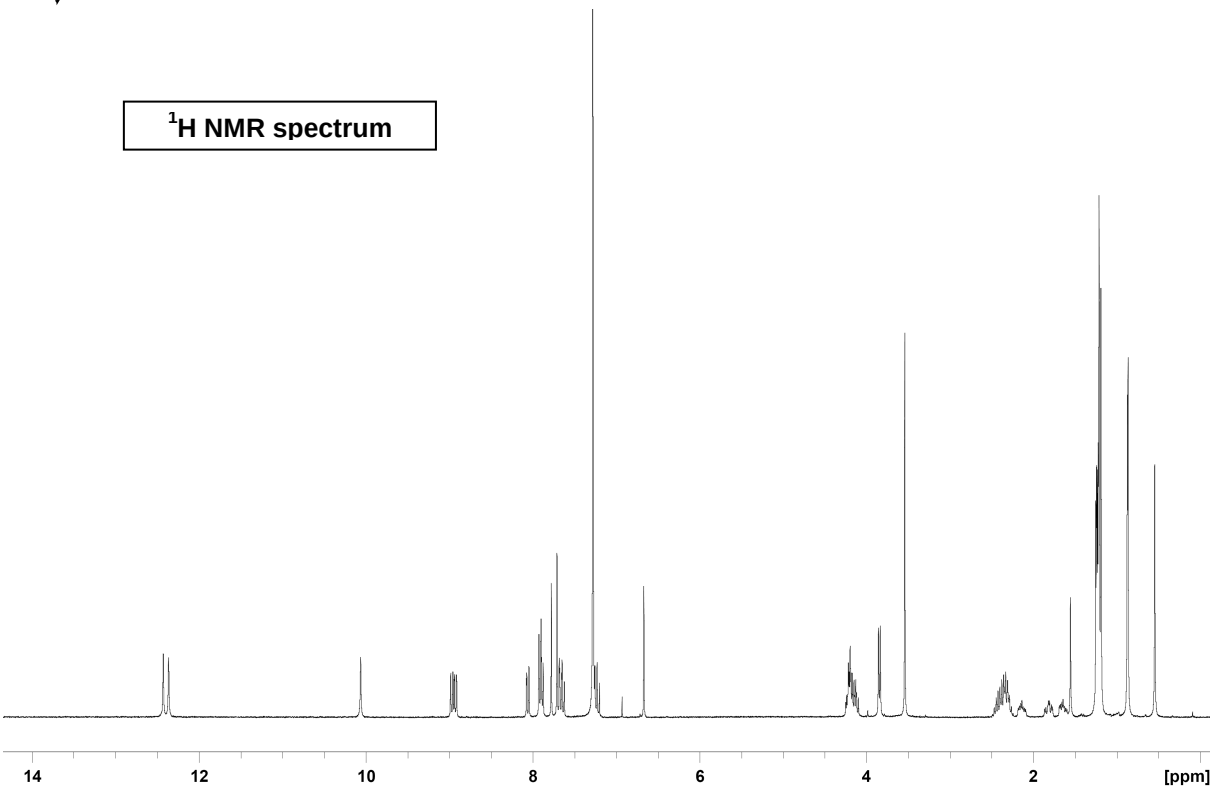
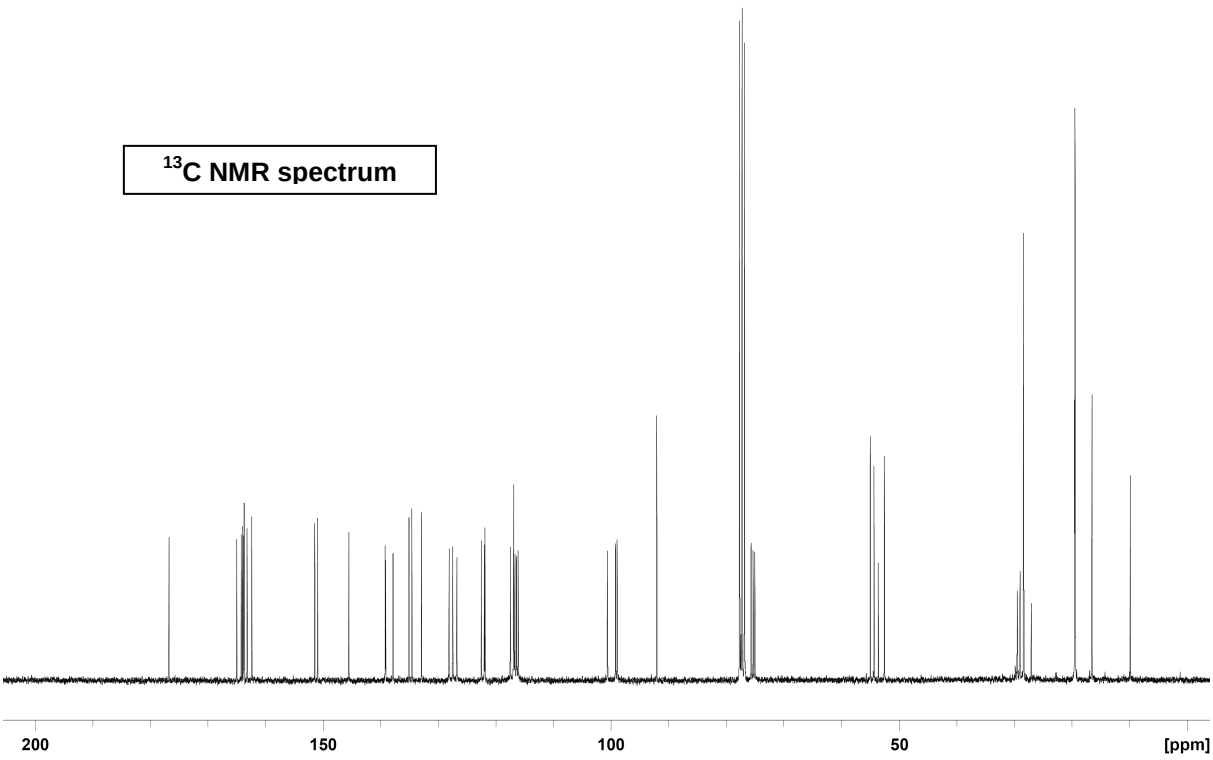
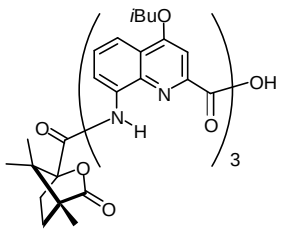
^{1}H NMR spectrum



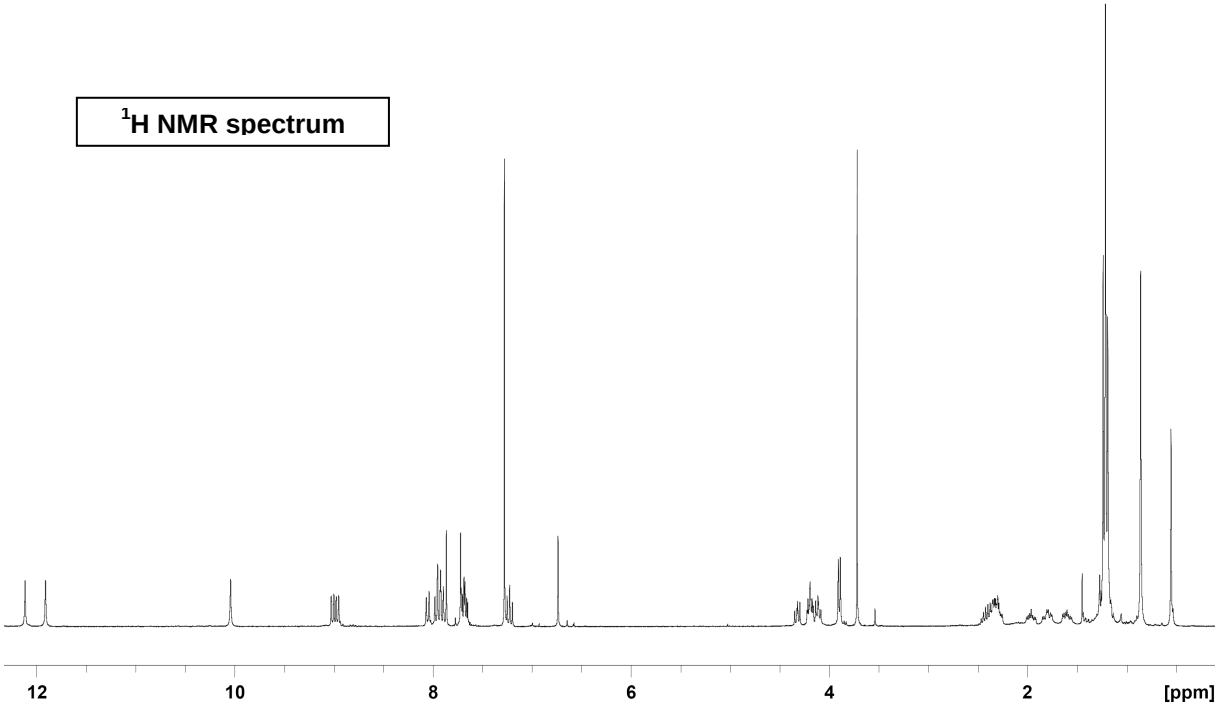
^{13}C NMR spectrum



intermediate

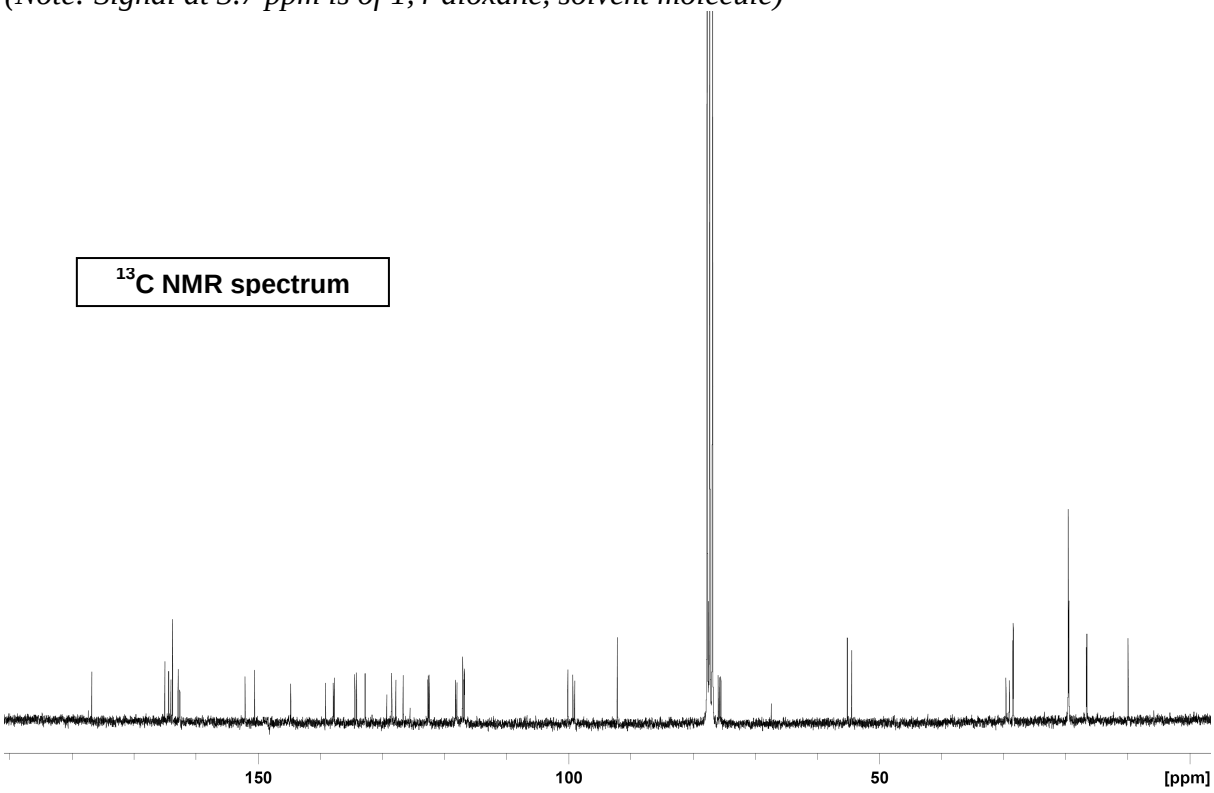


^{1}H NMR spectrum



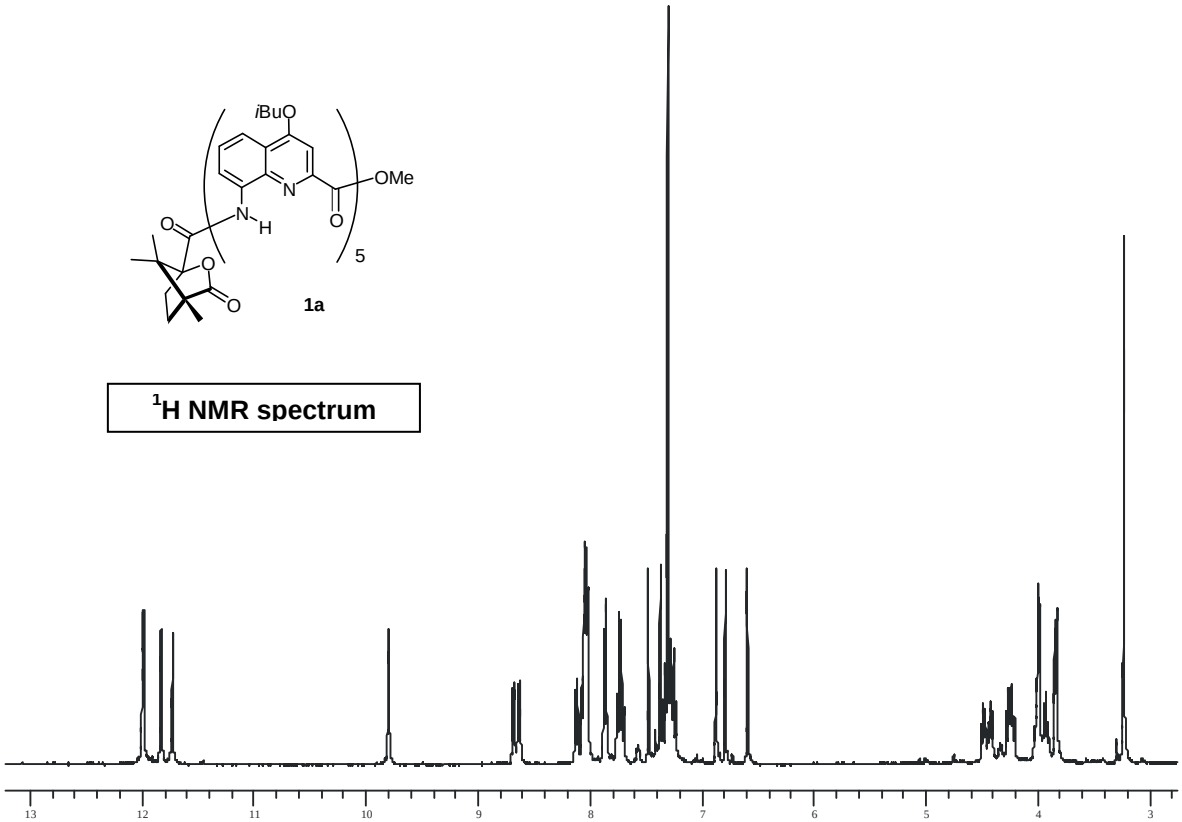
(Note: Signal at 3.7 ppm is of 1,4-dioxane, solvent molecule)

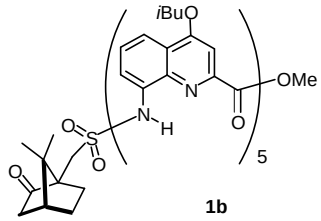
^{13}C NMR spectrum



1a

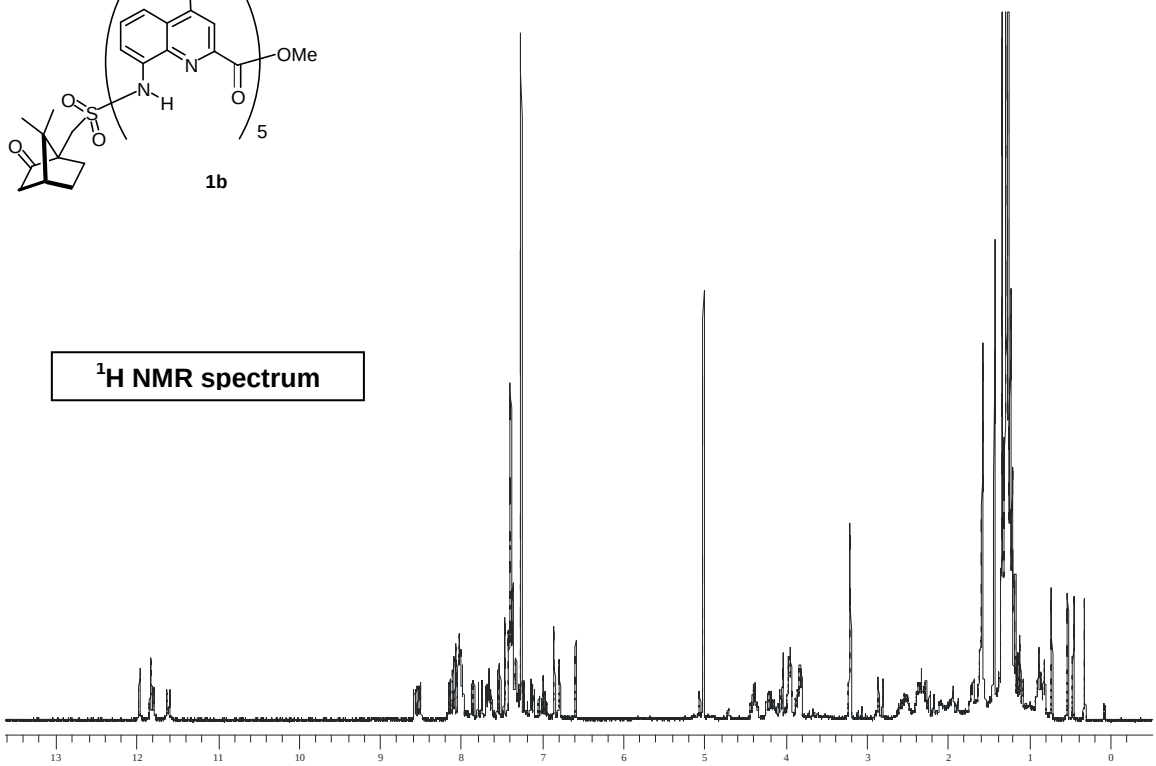
^{1}H NMR spectrum

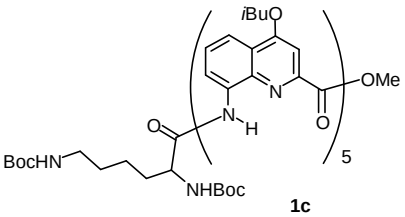




1b

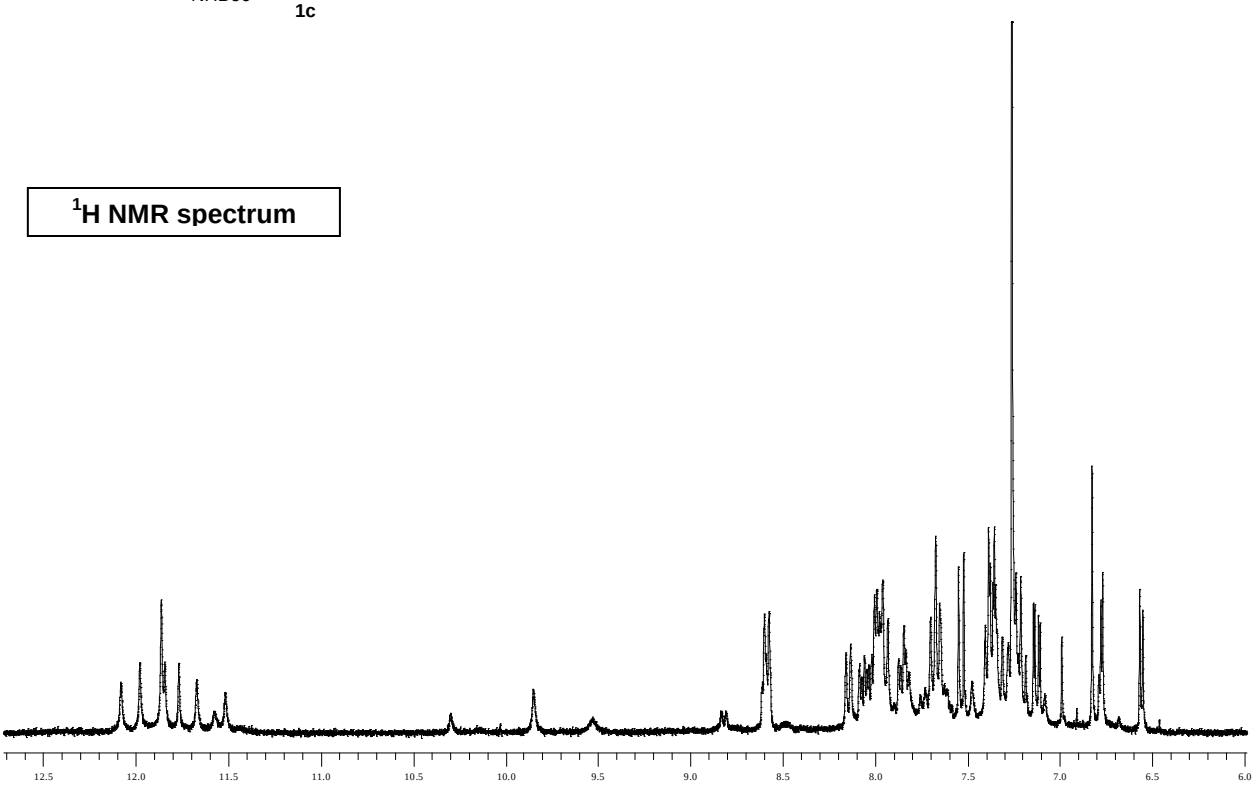
^{1}H NMR spectrum

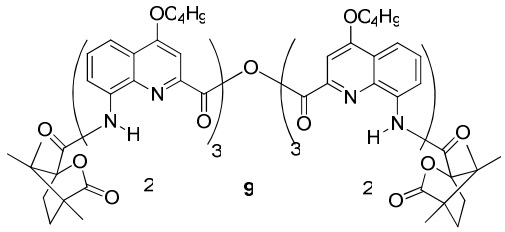




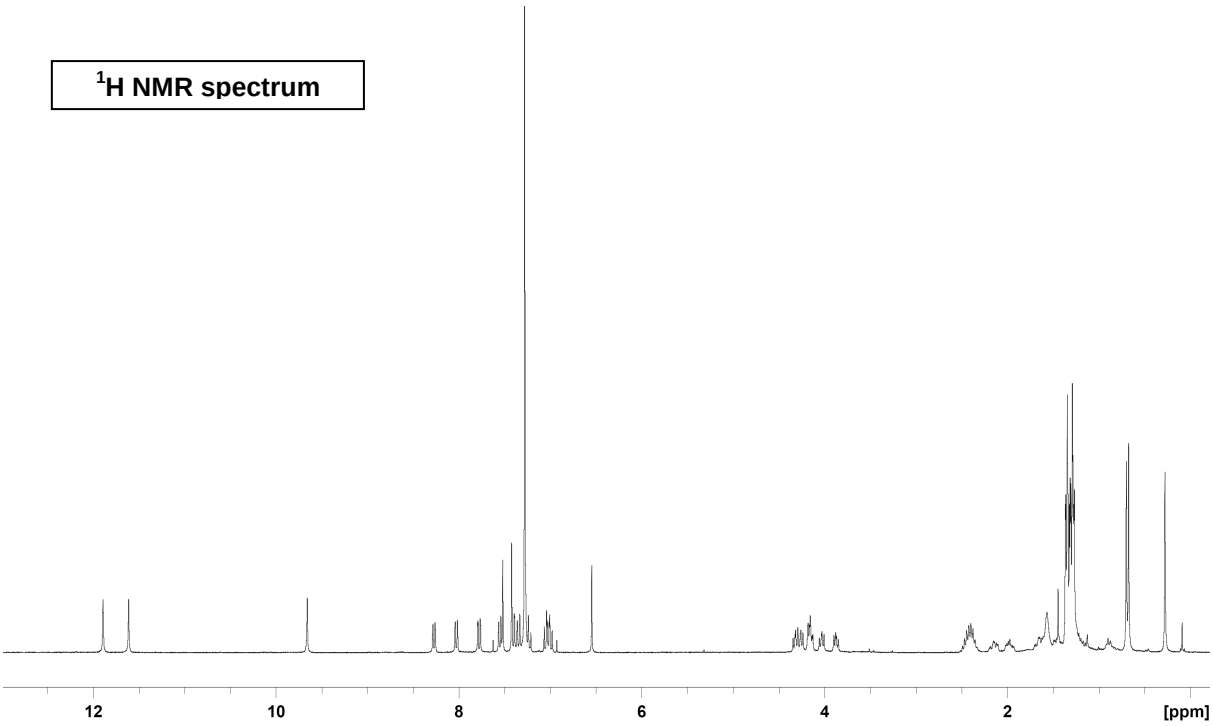
1c

^{1}H NMR spectrum

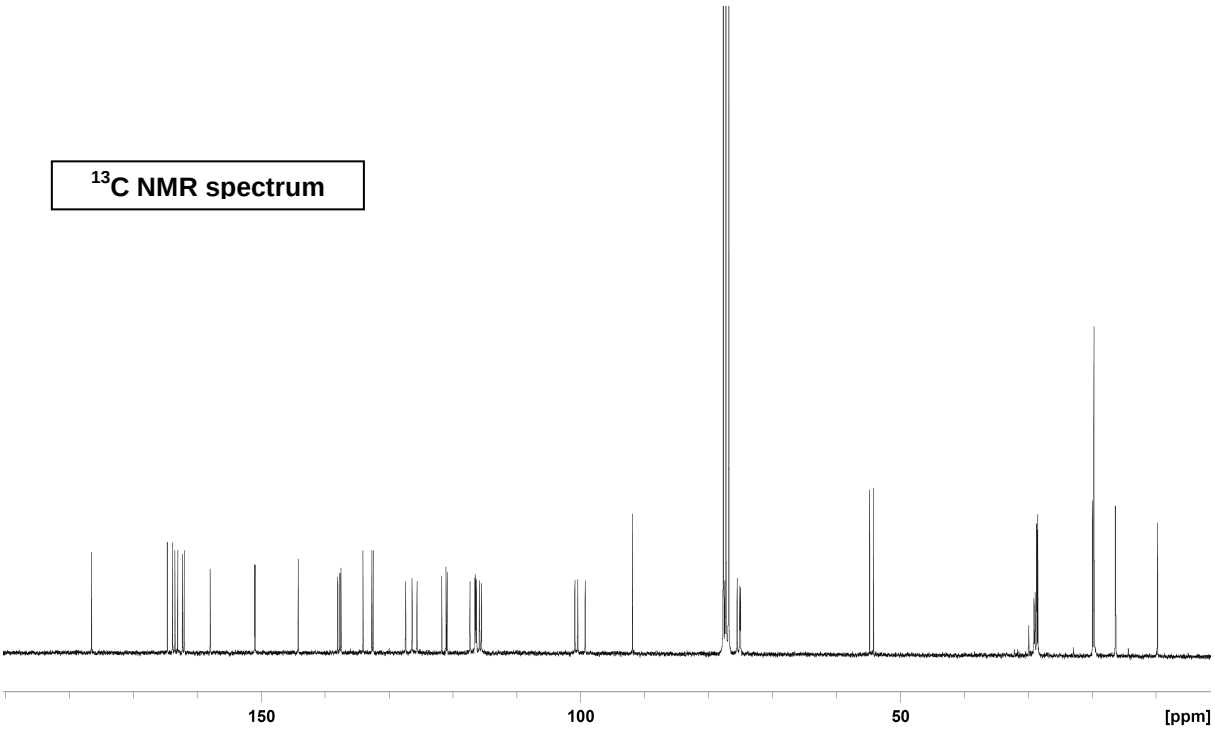




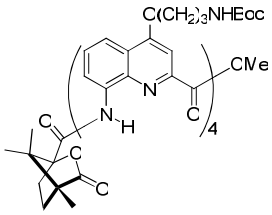
^{1}H NMR spectrum



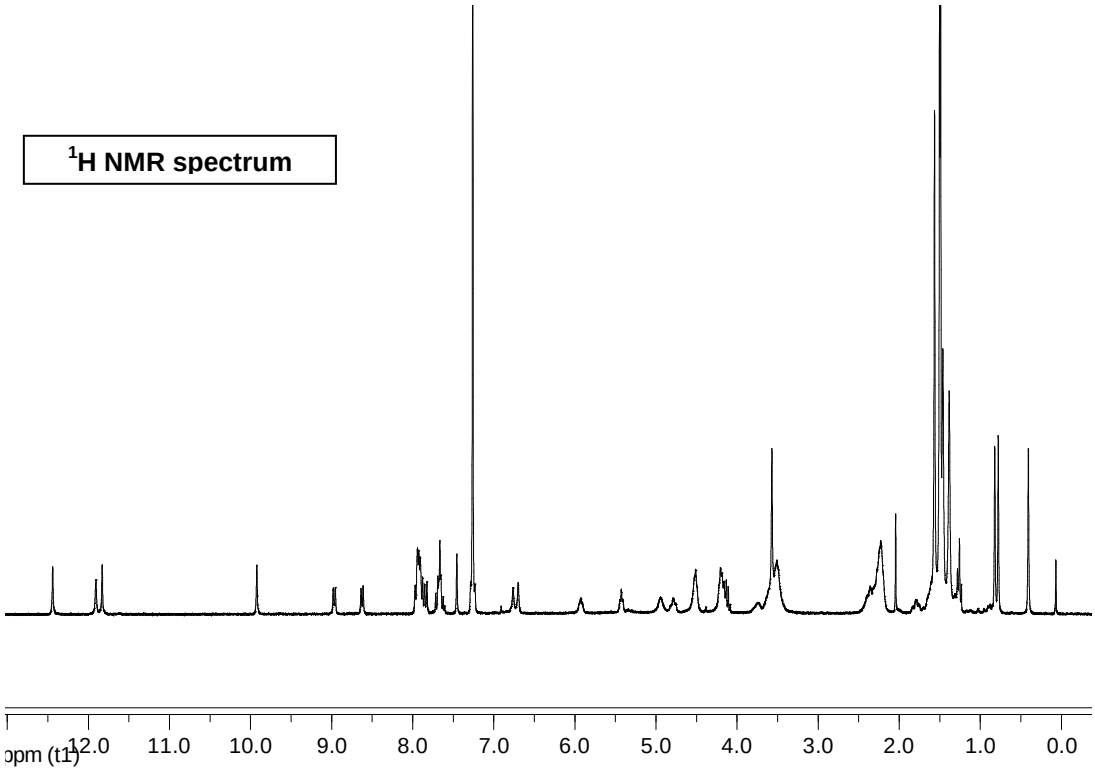
^{13}C NMR spectrum

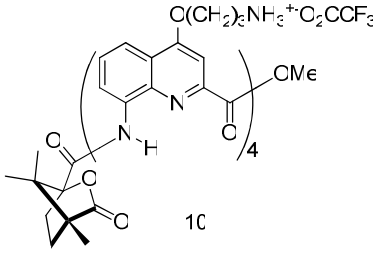


Intermediate

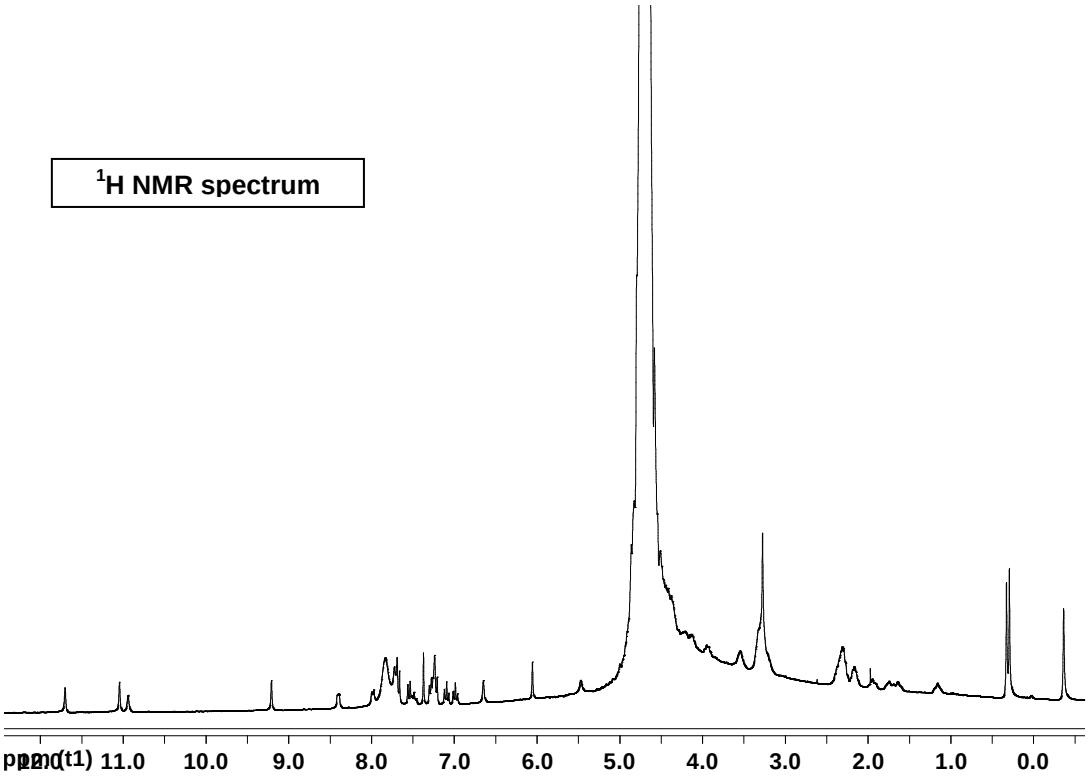


^{1}H NMR spectrum

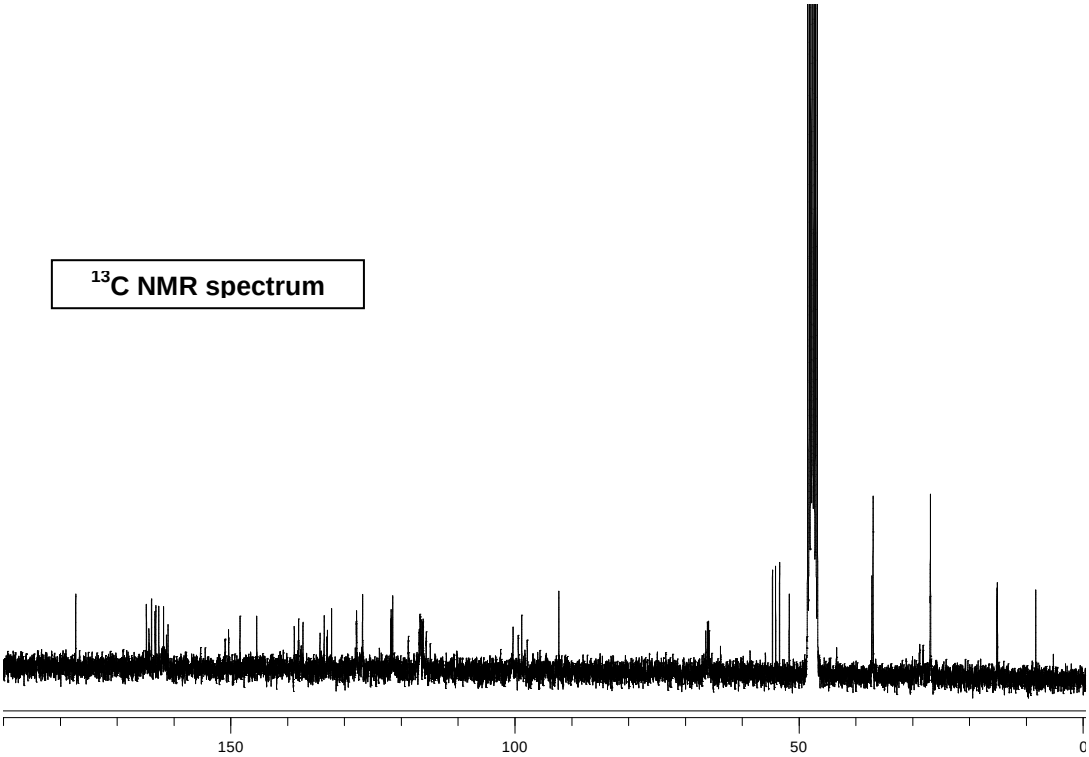


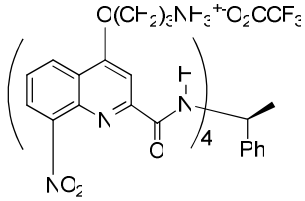


^{1}H NMR spectrum



^{13}C NMR spectrum





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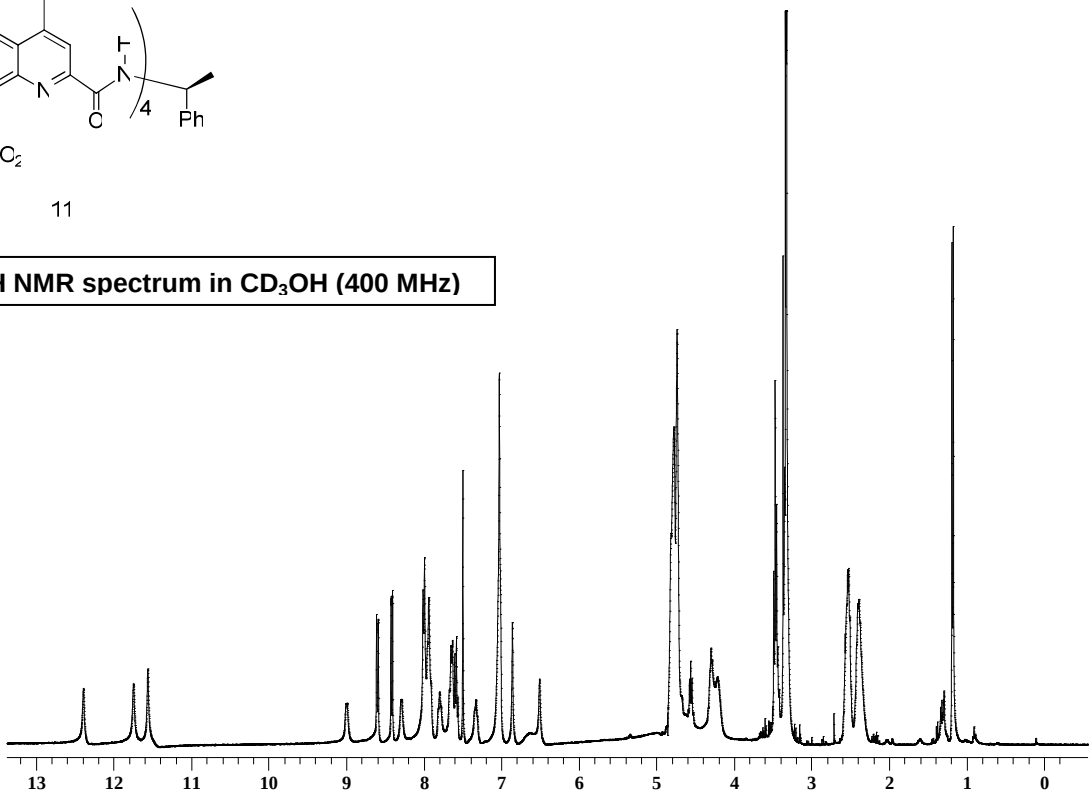
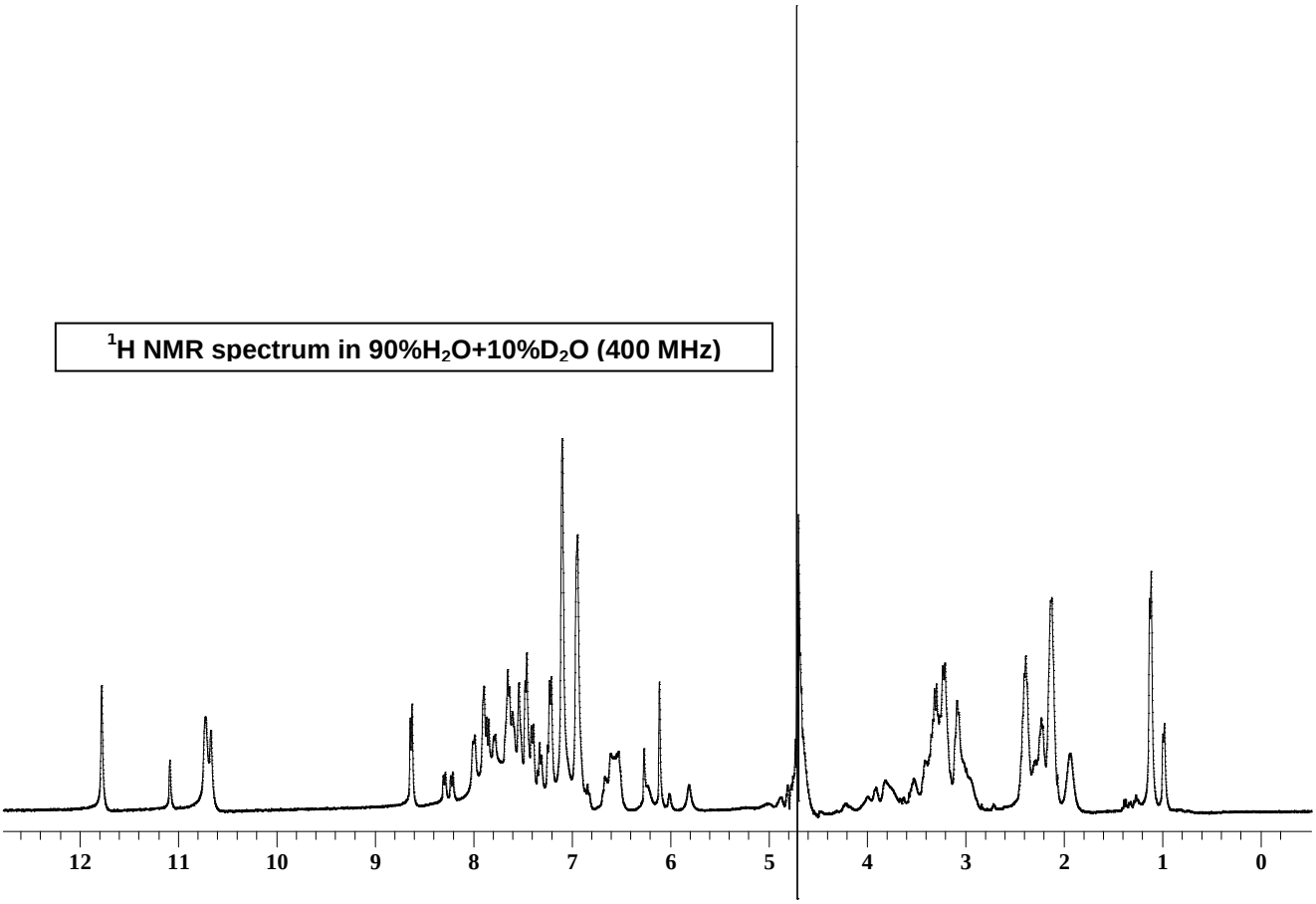
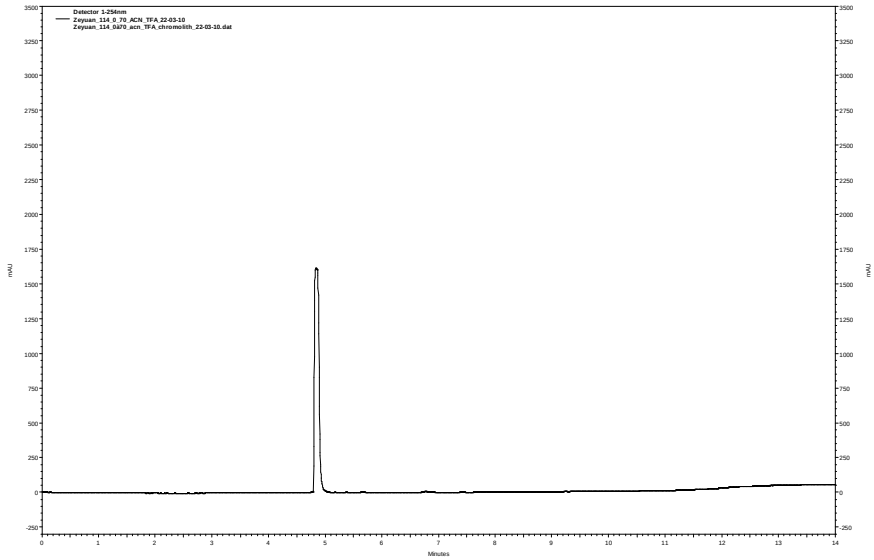
^{1}H NMR spectrum in CD_3OH (400 MHz)



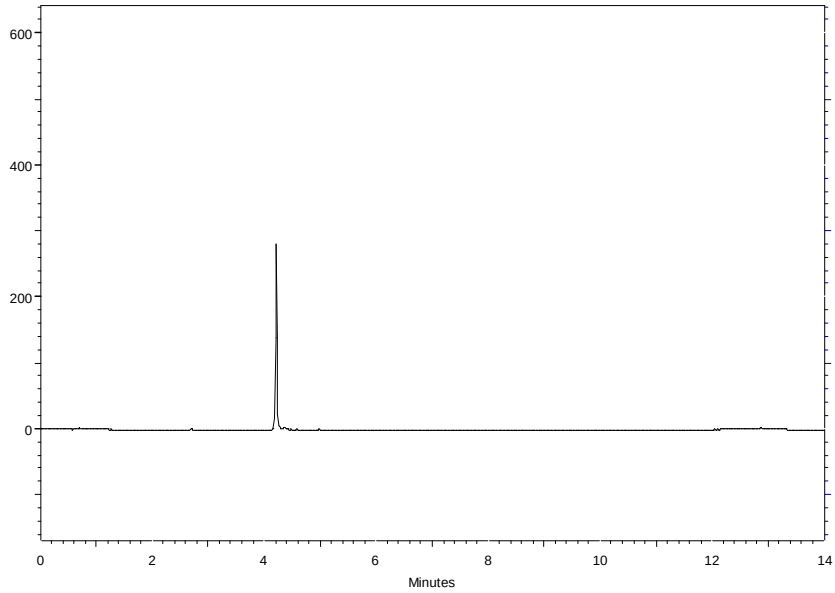
^{1}H NMR spectrum in 90%H_2O+10%D_2O (400 MHz)



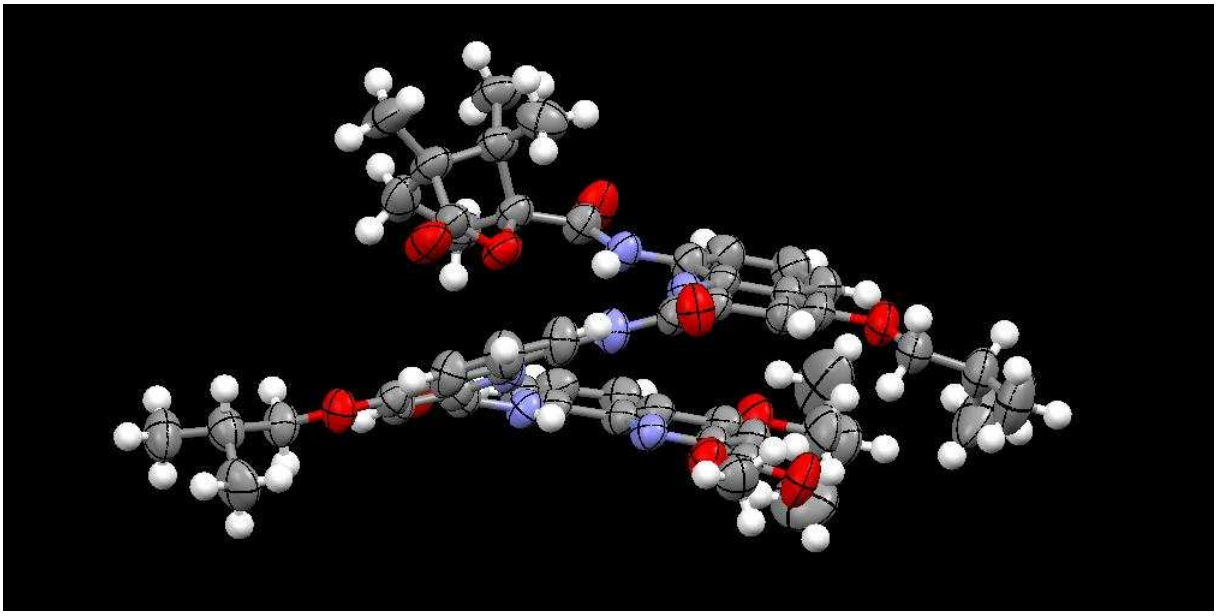
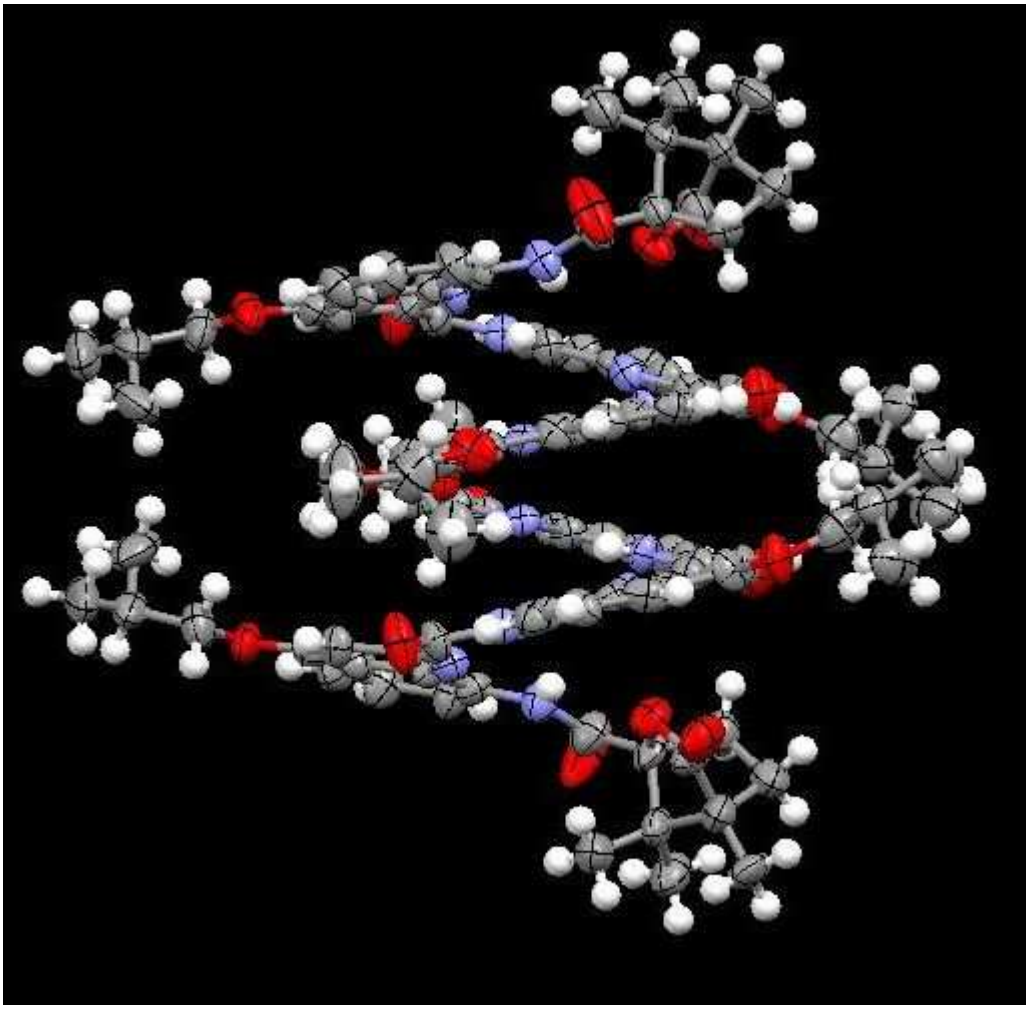
Analytical HPLC profile of compound **4** (conditions: chromolith C18 column, 100% H_2O 0.1% TFA, 15 min).



Analytical HPLC profile of compound **5** (conditions: chromolith C18 column, 100% H_2O 0.1% TFA, 15 min).



Crystal structure of **2** shown as 50% probability ellipsoids



Crystal structure of **3** shown as 50% probability ellipsoids