

Supporting Information

Direct defluorinative amidation–hydrolysis reaction of *gem*-difluoroalkenes with *N,N*-dimethylformamide, primary and secondary amines

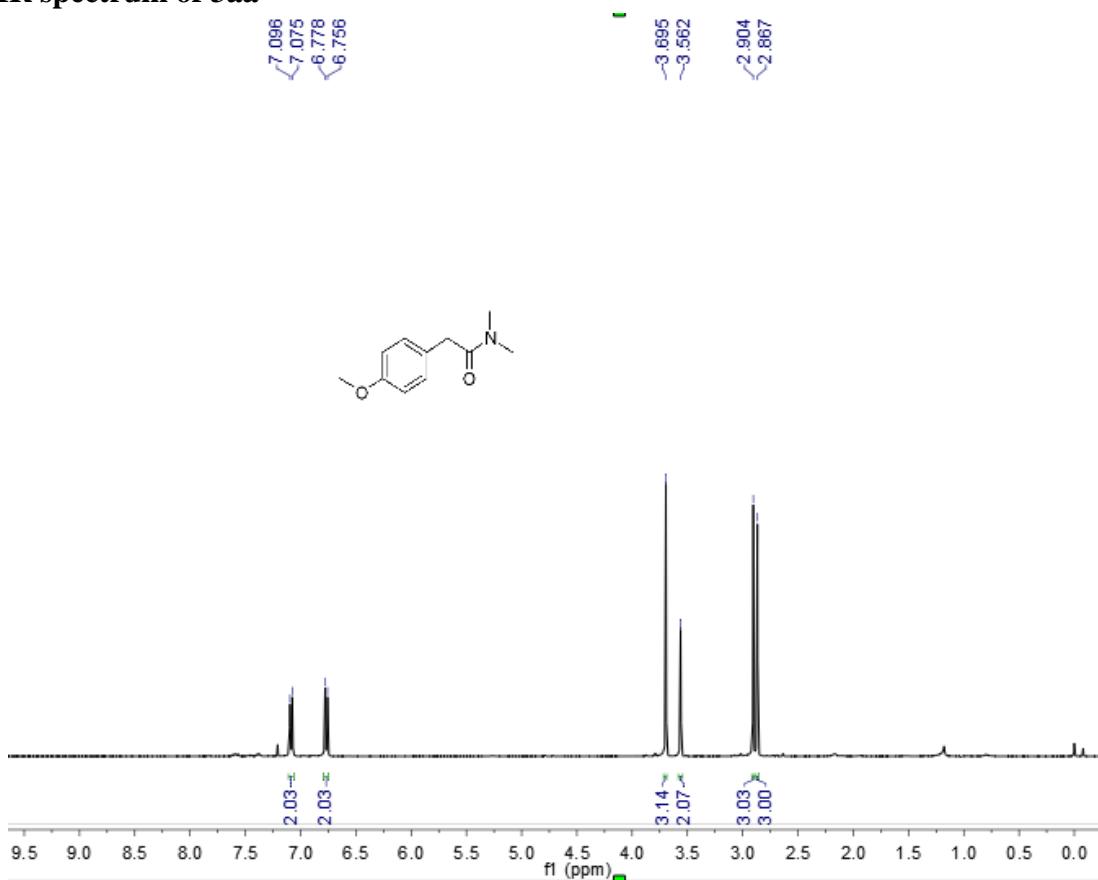
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Shanghai Key Laboratory of Chemical Biology, School of Pharmacy, East China University of Science and
Technology (ECUST), Shanghai 200237, China

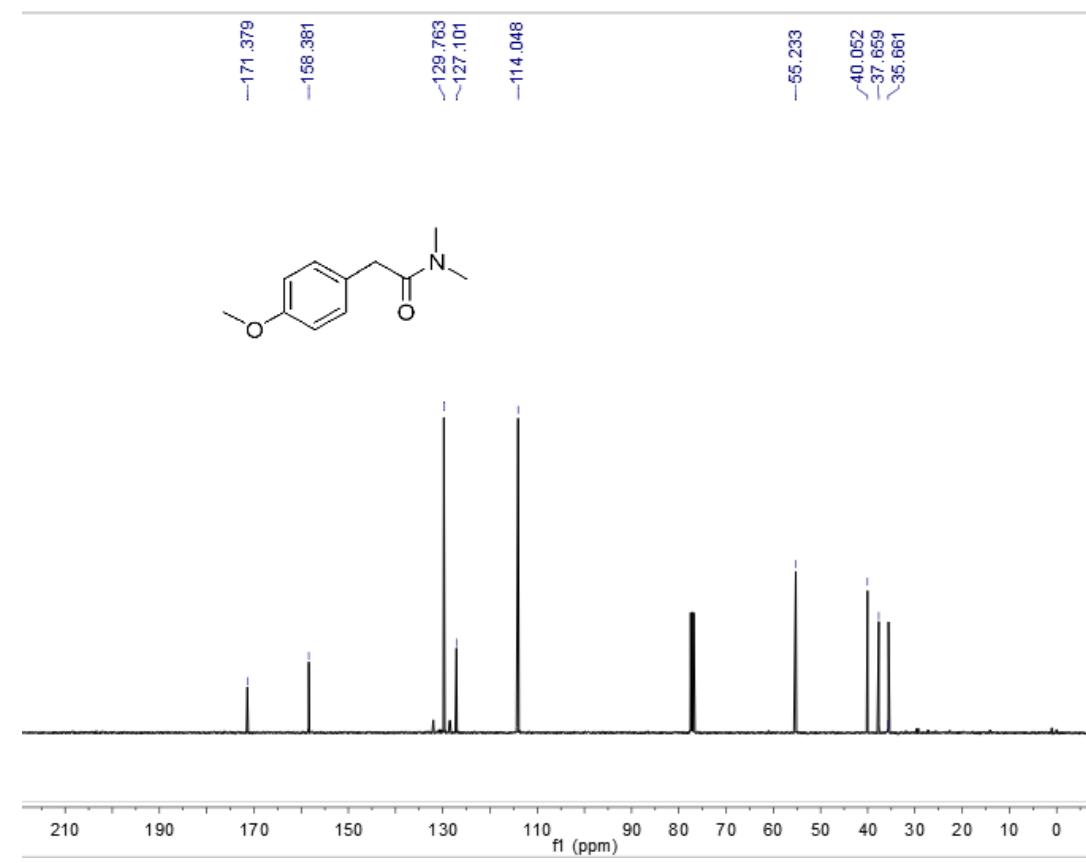
*Corresponding author E-mail address: scao@ecust.edu.cn

¹H, ¹³C, ¹⁹F NMR and HRMS (EI) spectra of compounds 3 and 4

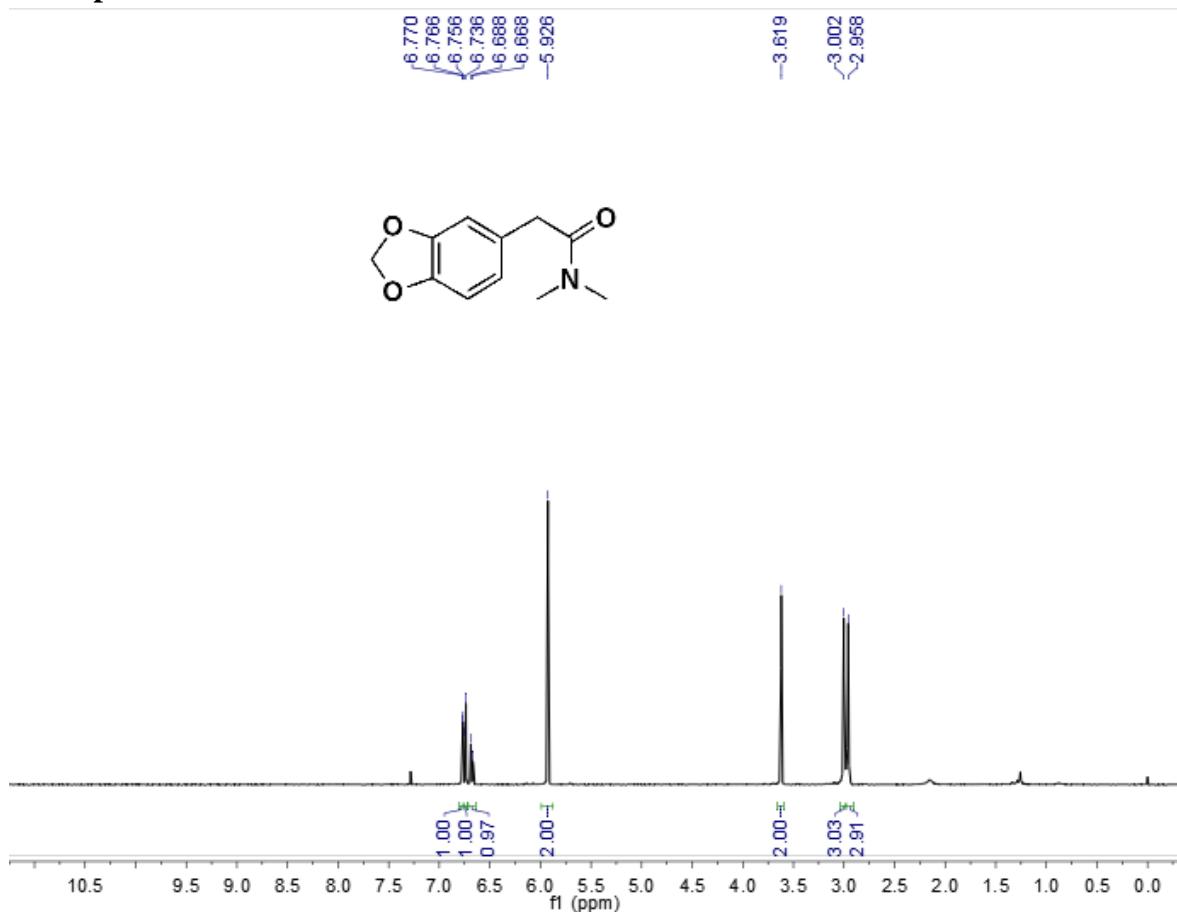
¹H NMR spectrum of 3aa



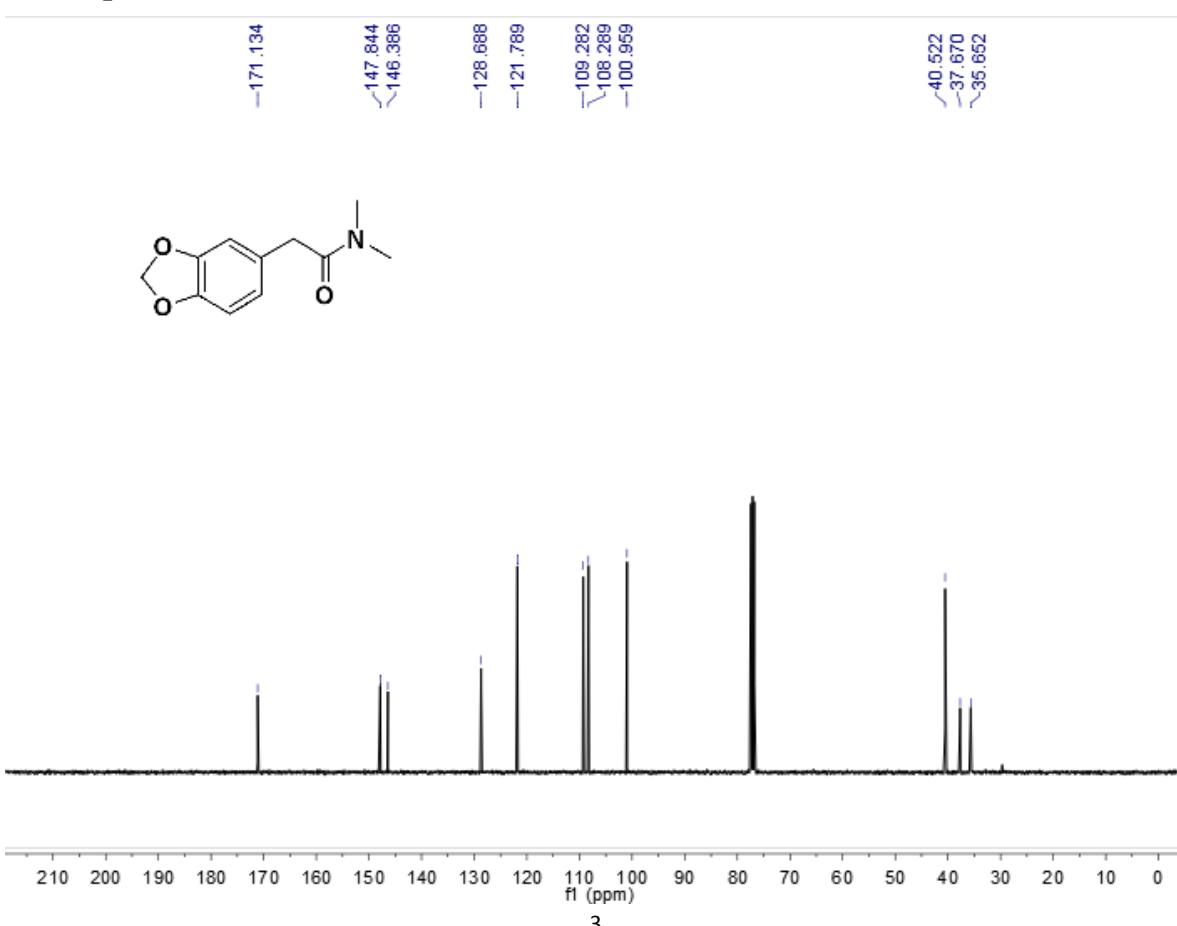
¹³C NMR spectrum of 3aa



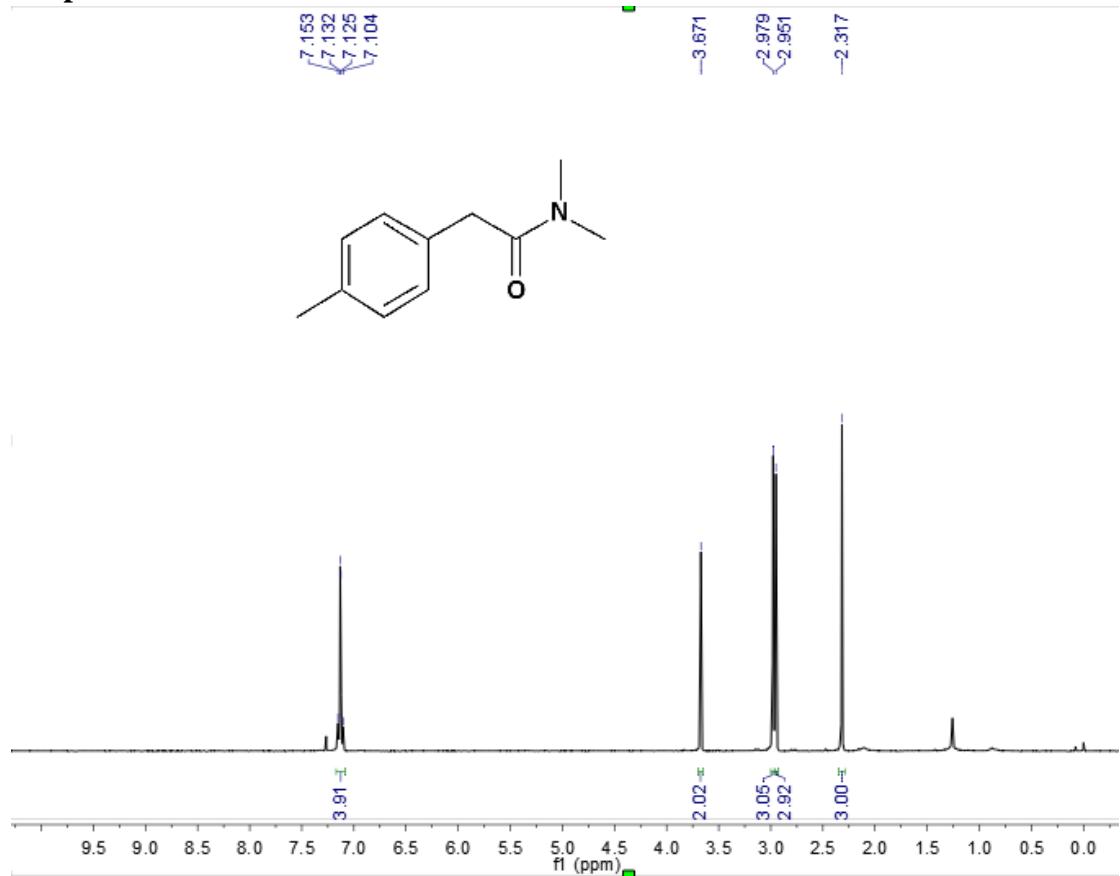
¹H NMR spectrum of 3ba



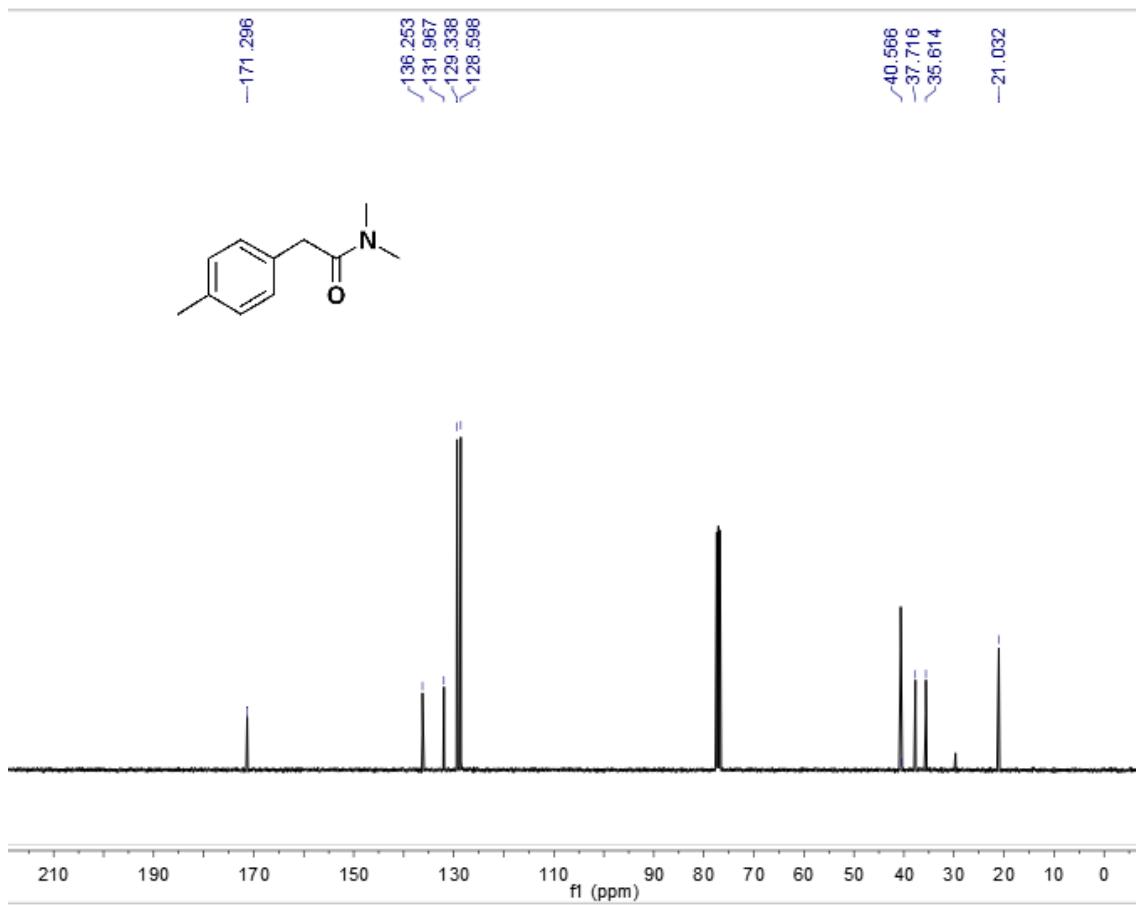
¹³C NMR spectrum of 3ba



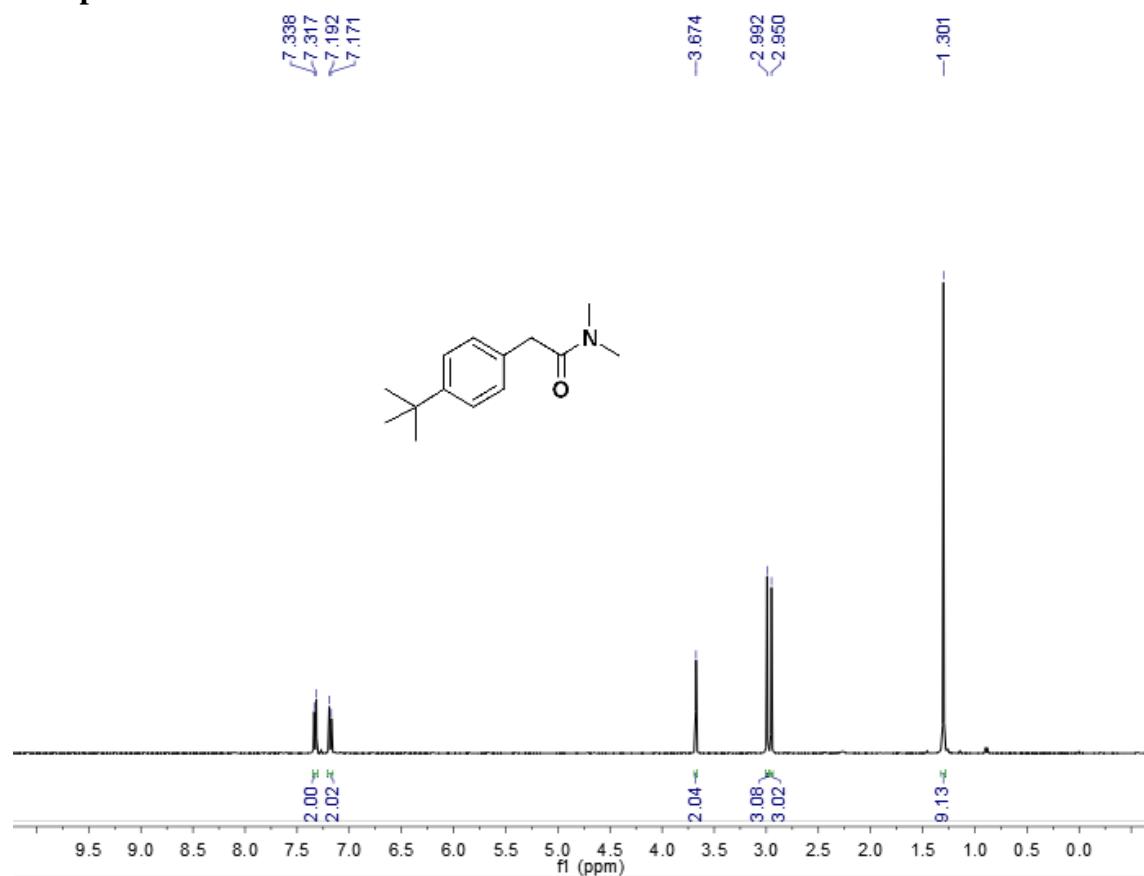
¹H NMR spectrum of 3ca



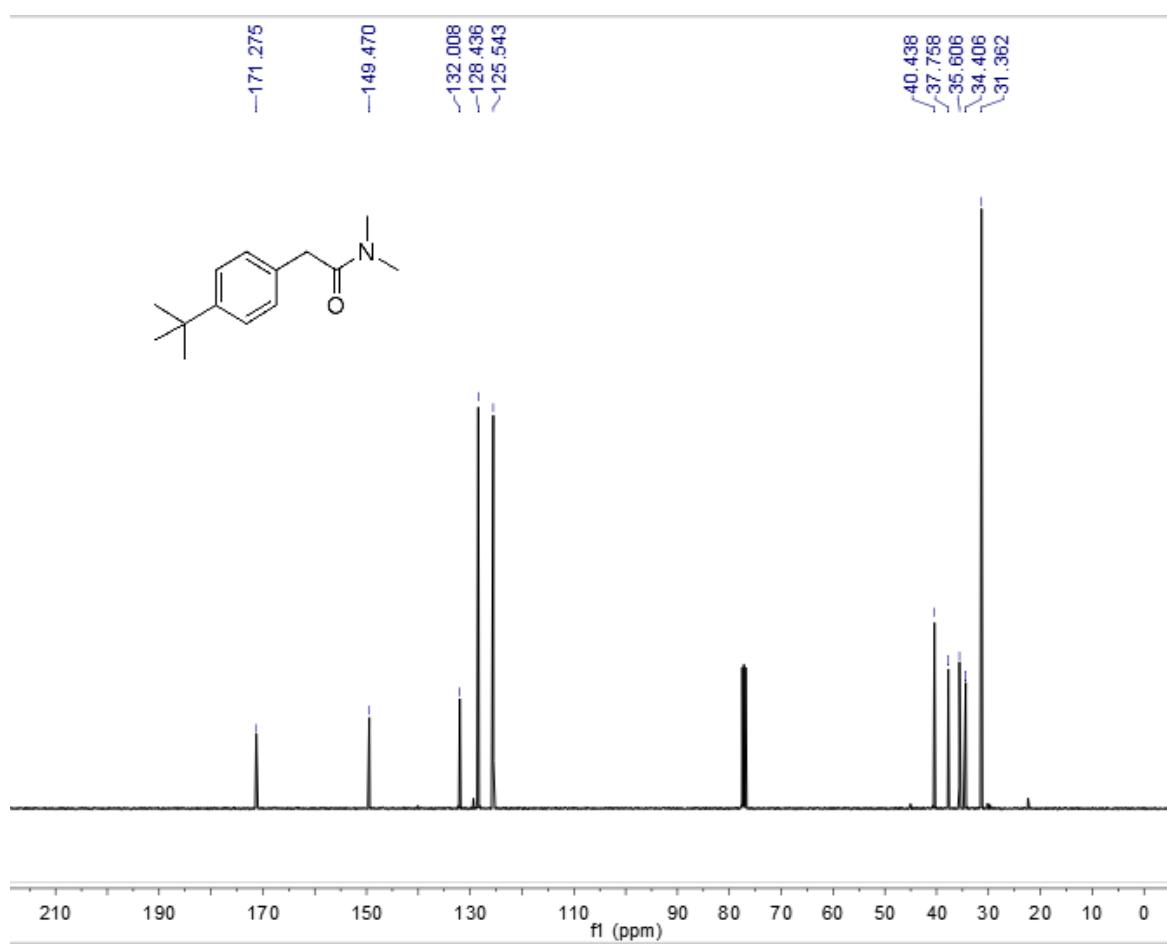
¹³C NMR spectrum of 3ca



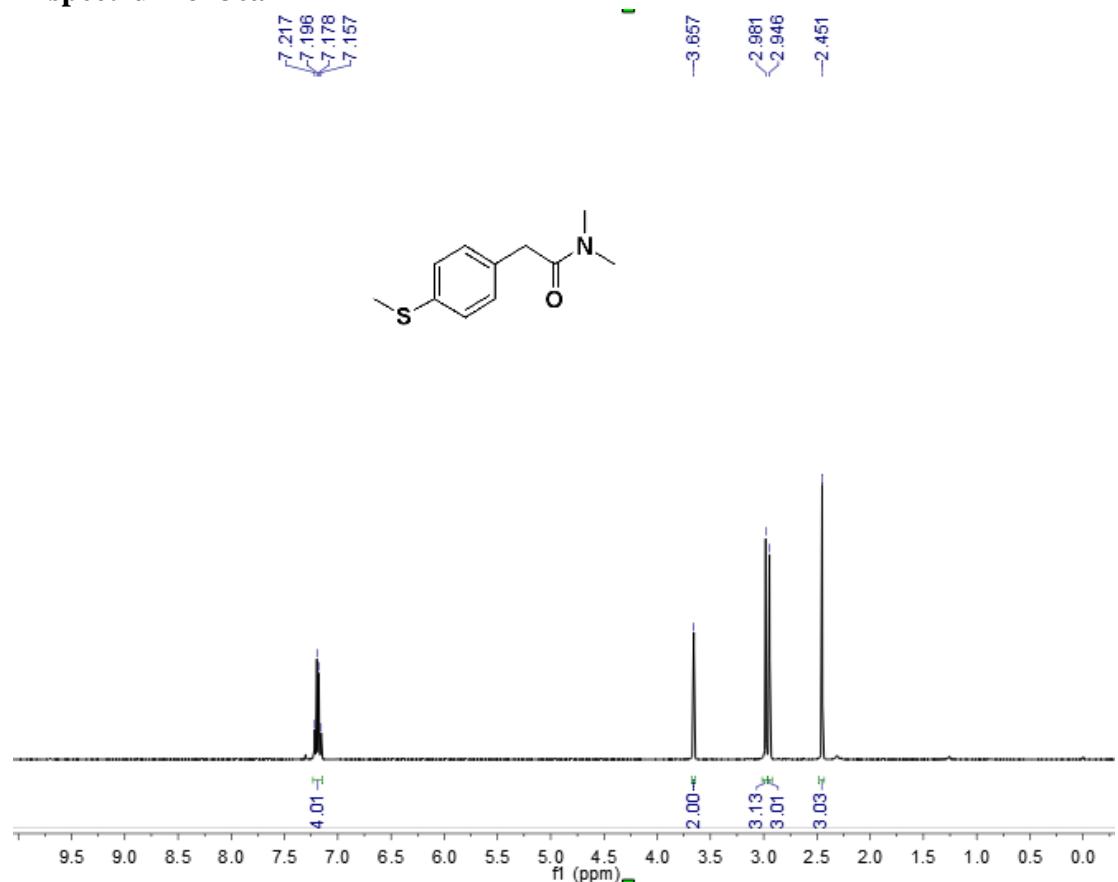
¹H NMR spectrum of 3da



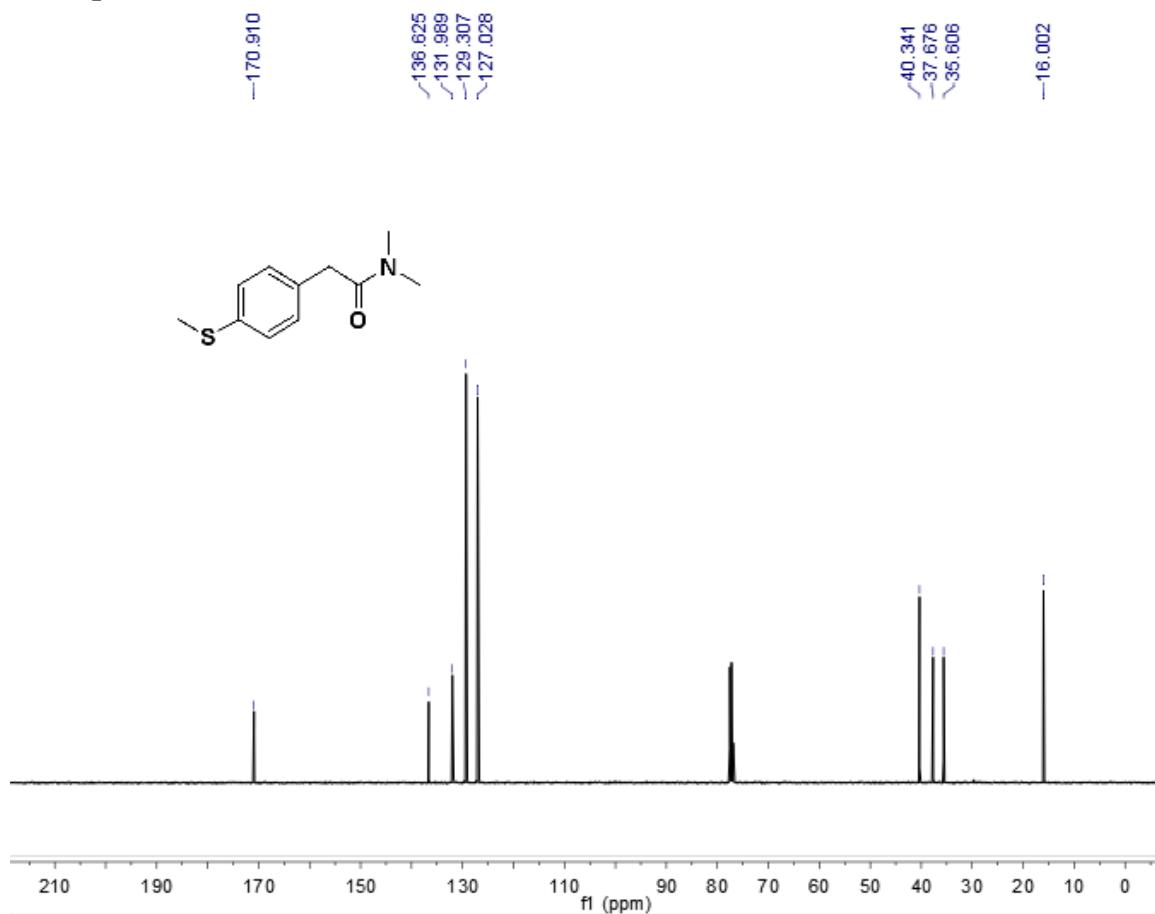
¹³C NMR spectrum of 3da



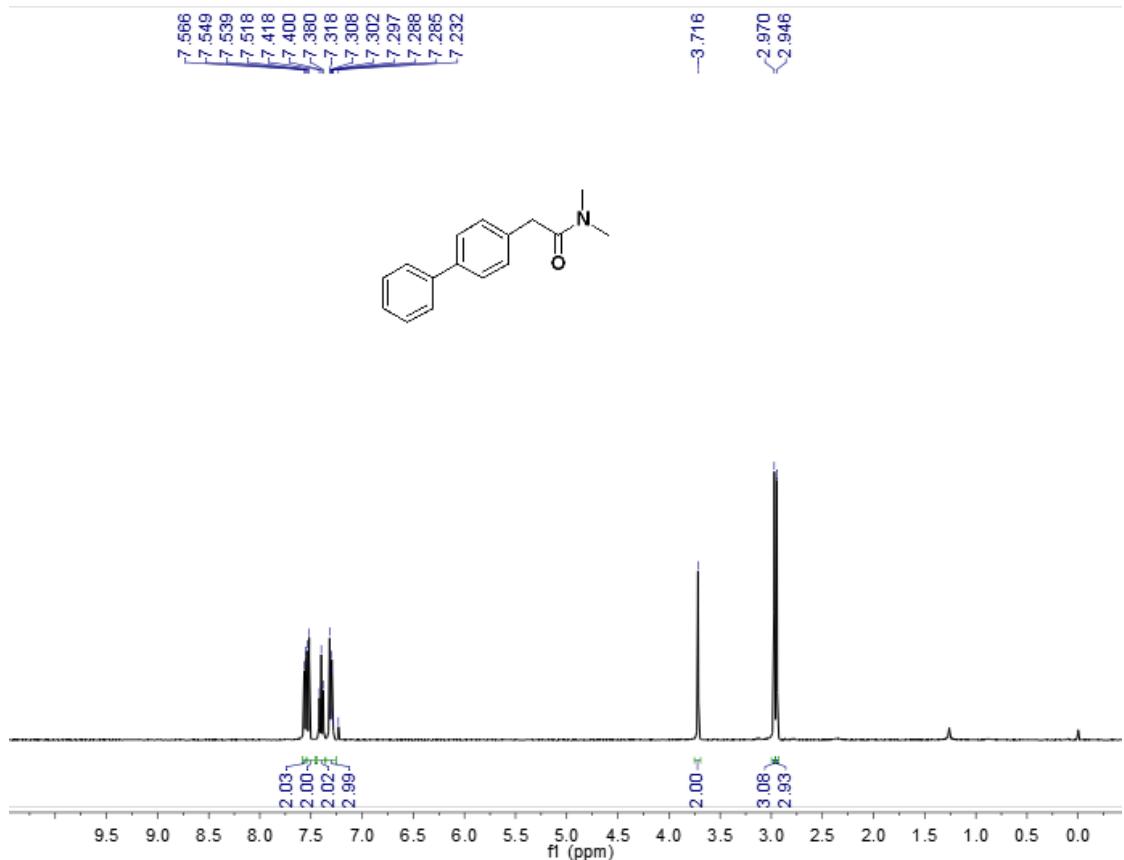
¹H NMR spectrum of 3ea



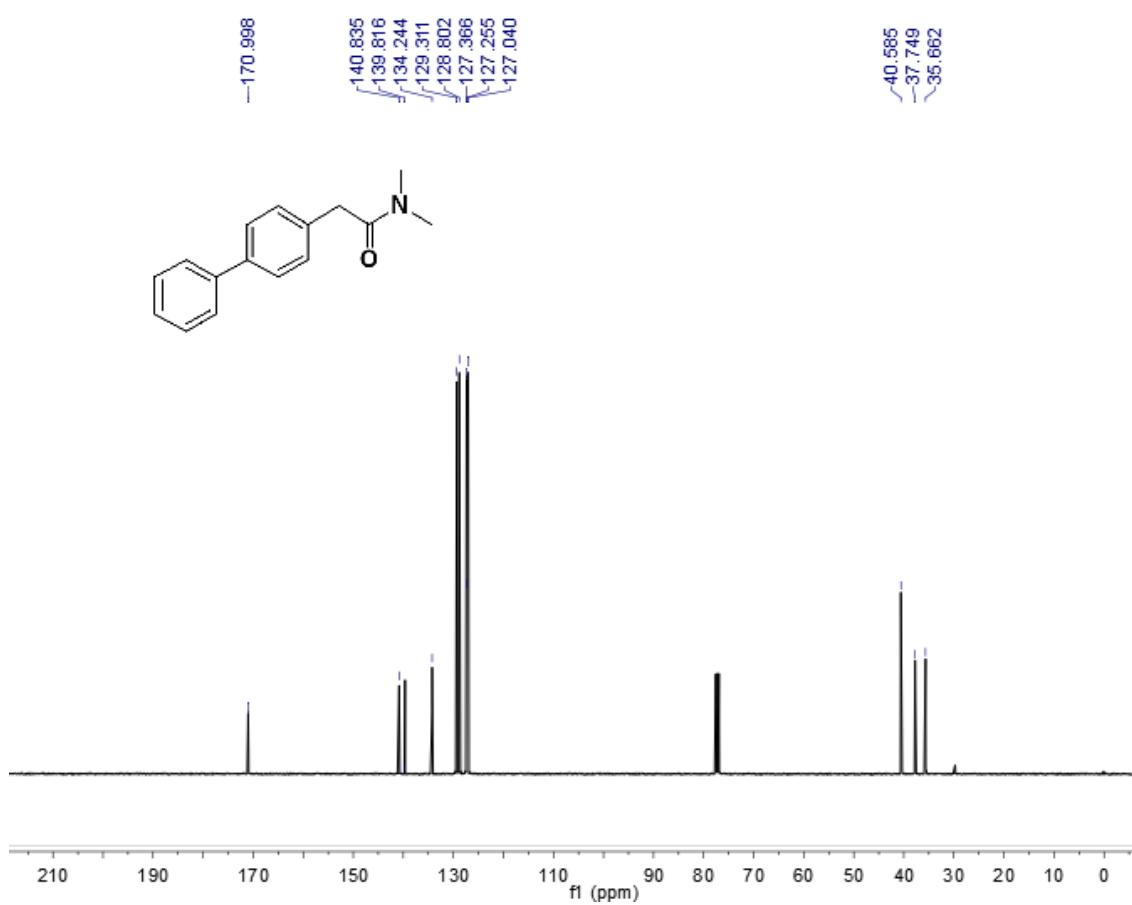
¹³C NMR spectrum of 3ea



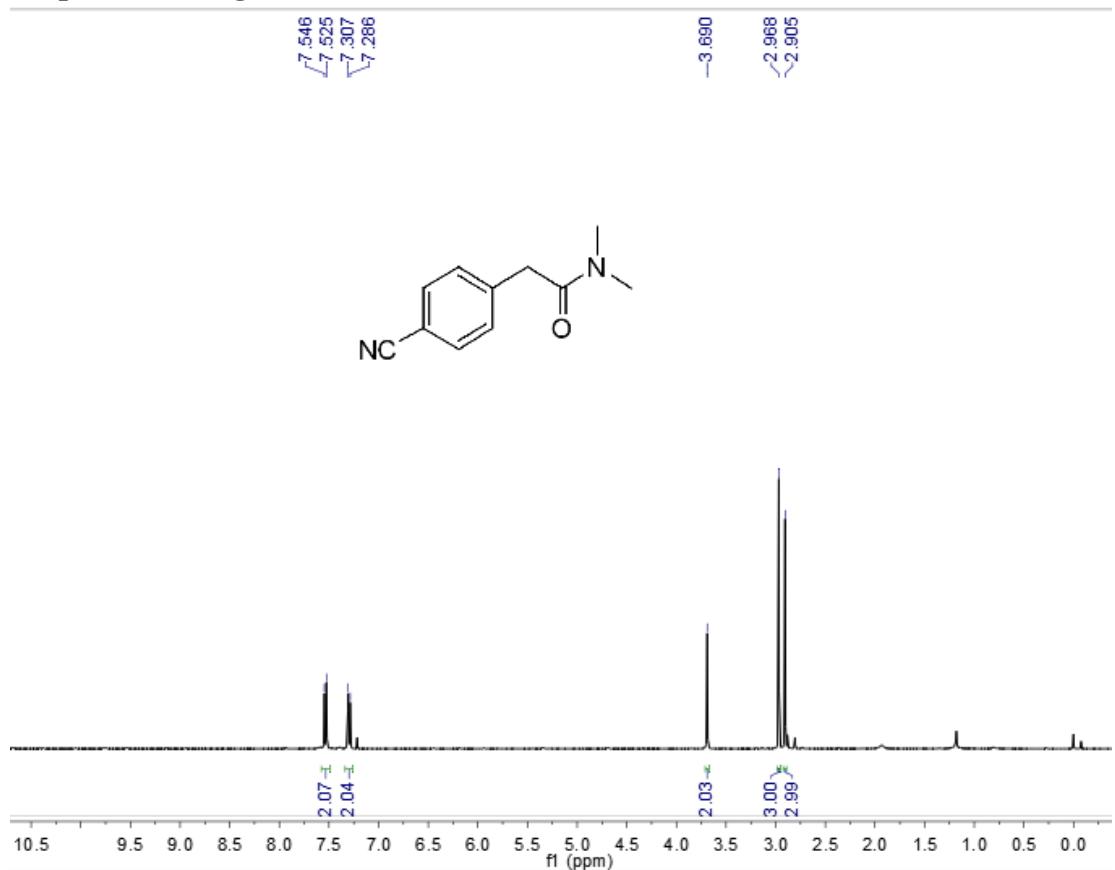
¹H NMR spectrum of 3fa



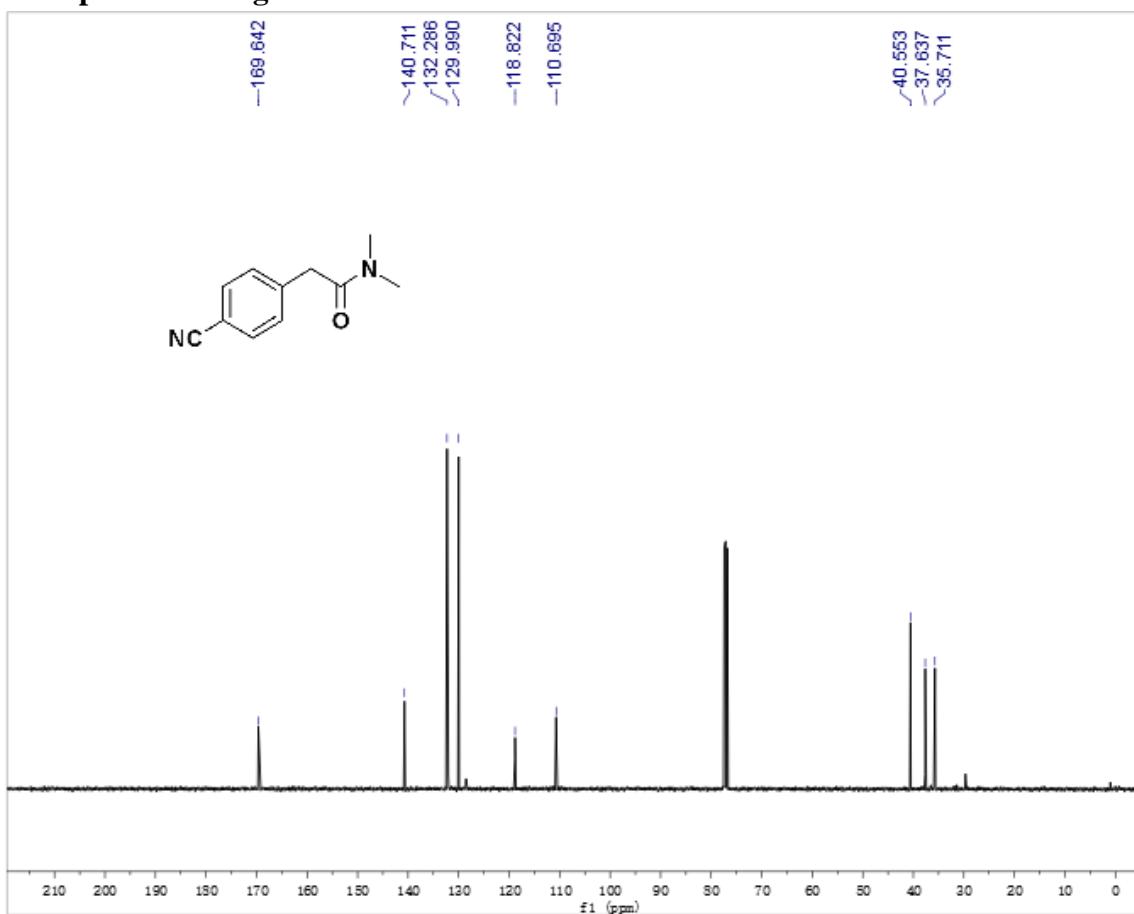
¹³C NMR spectrum of 3fa



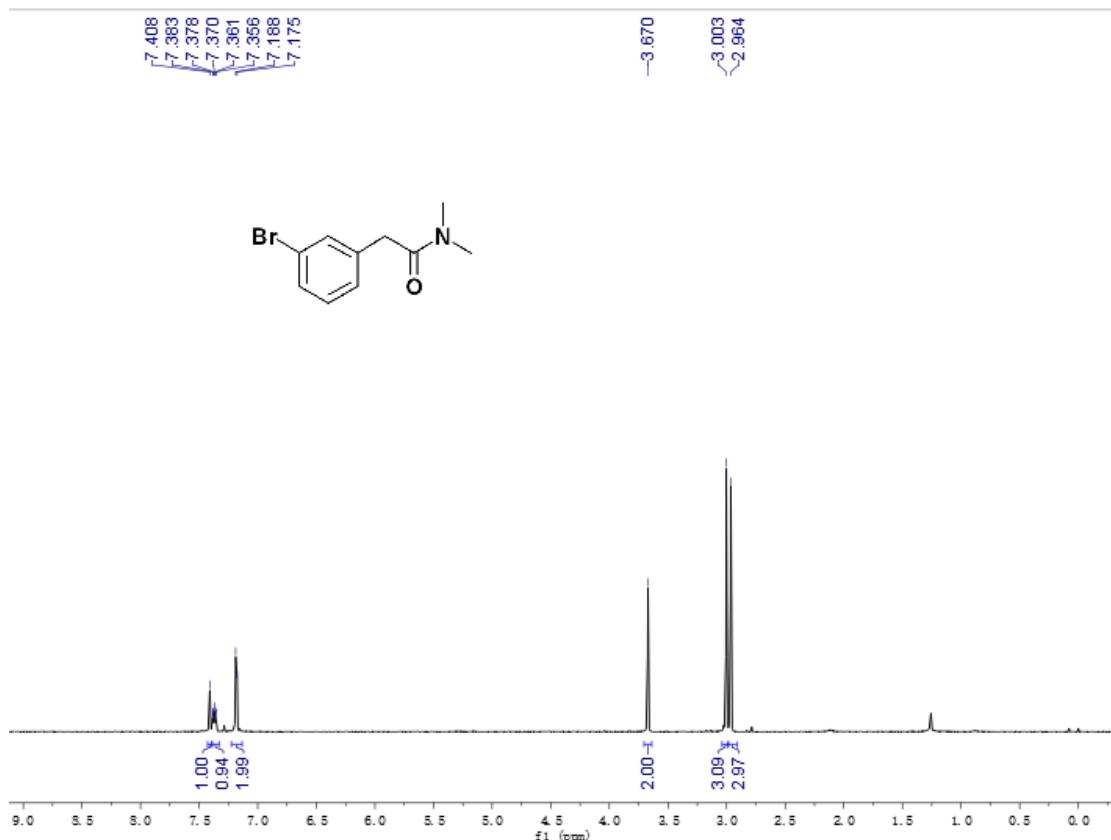
¹H NMR spectrum of 3ga



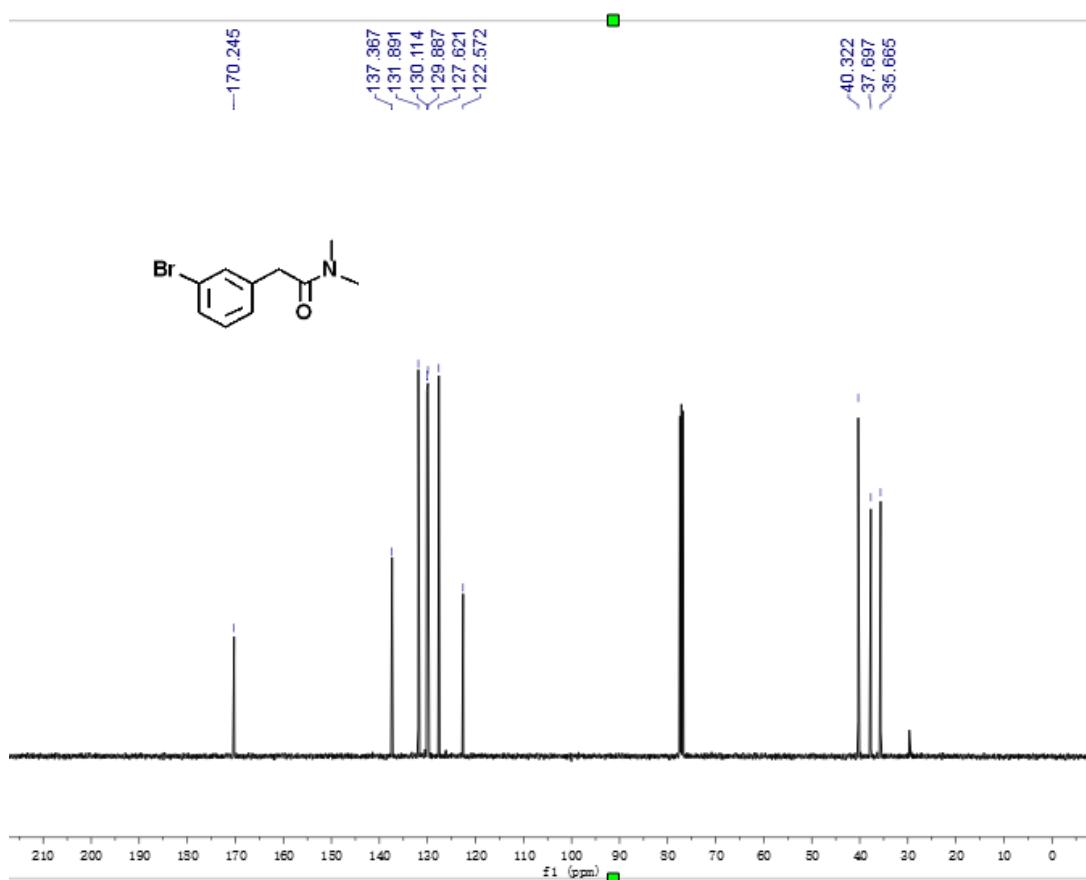
¹³C NMR spectrum of 3ga



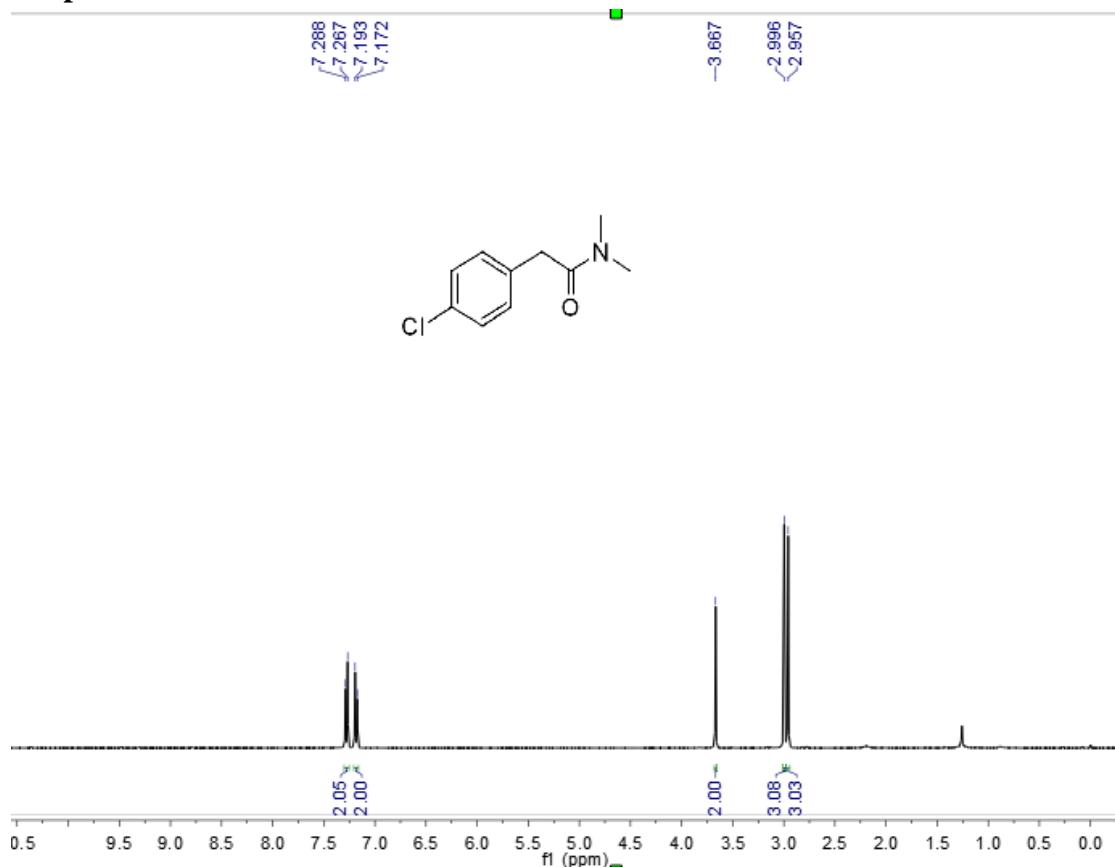
¹H NMR spectrum of 3ha



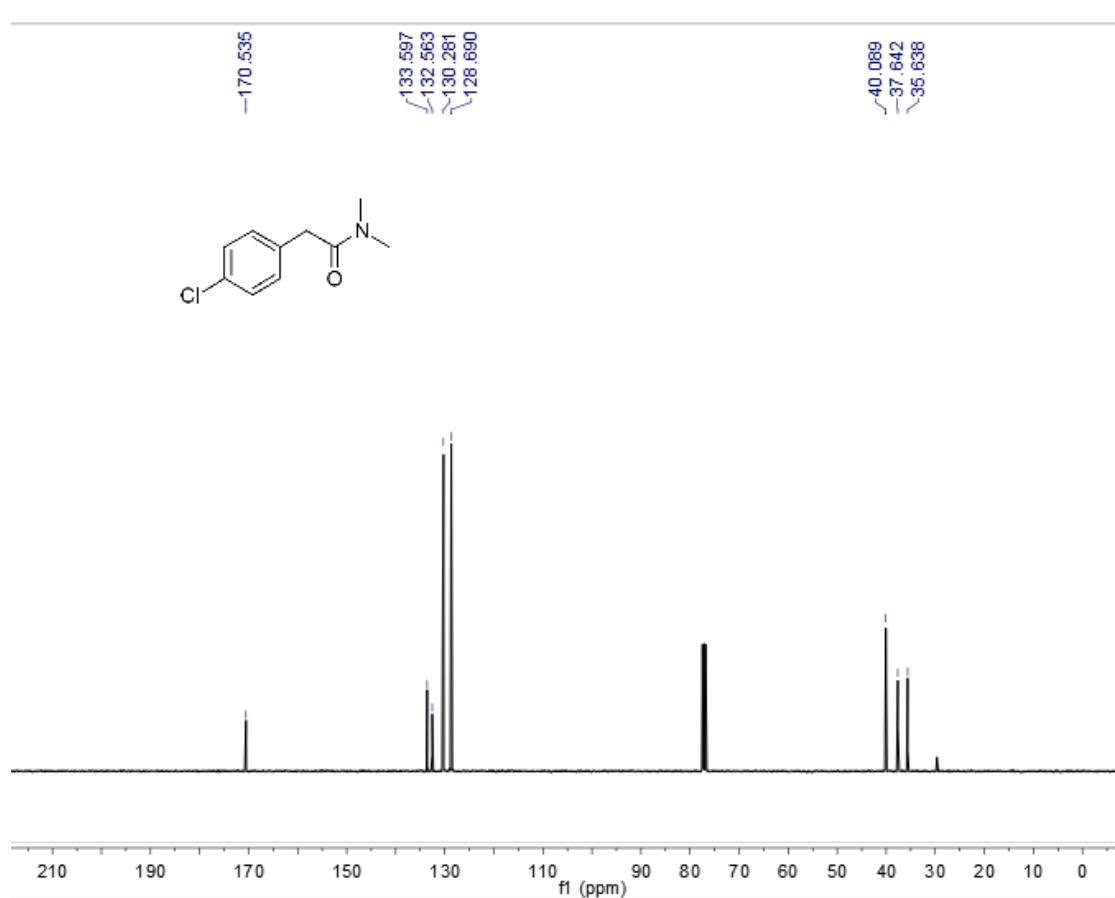
¹³C NMR spectrum of 3ha



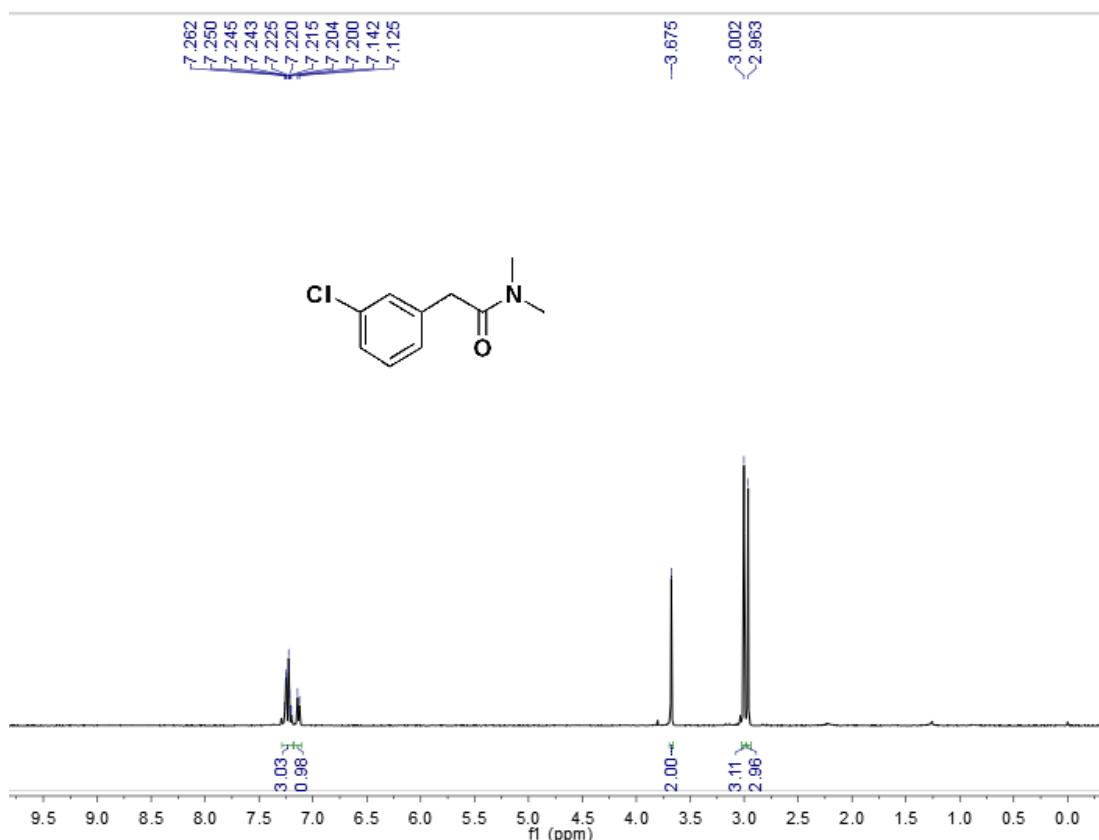
¹H NMR spectrum of 3ia



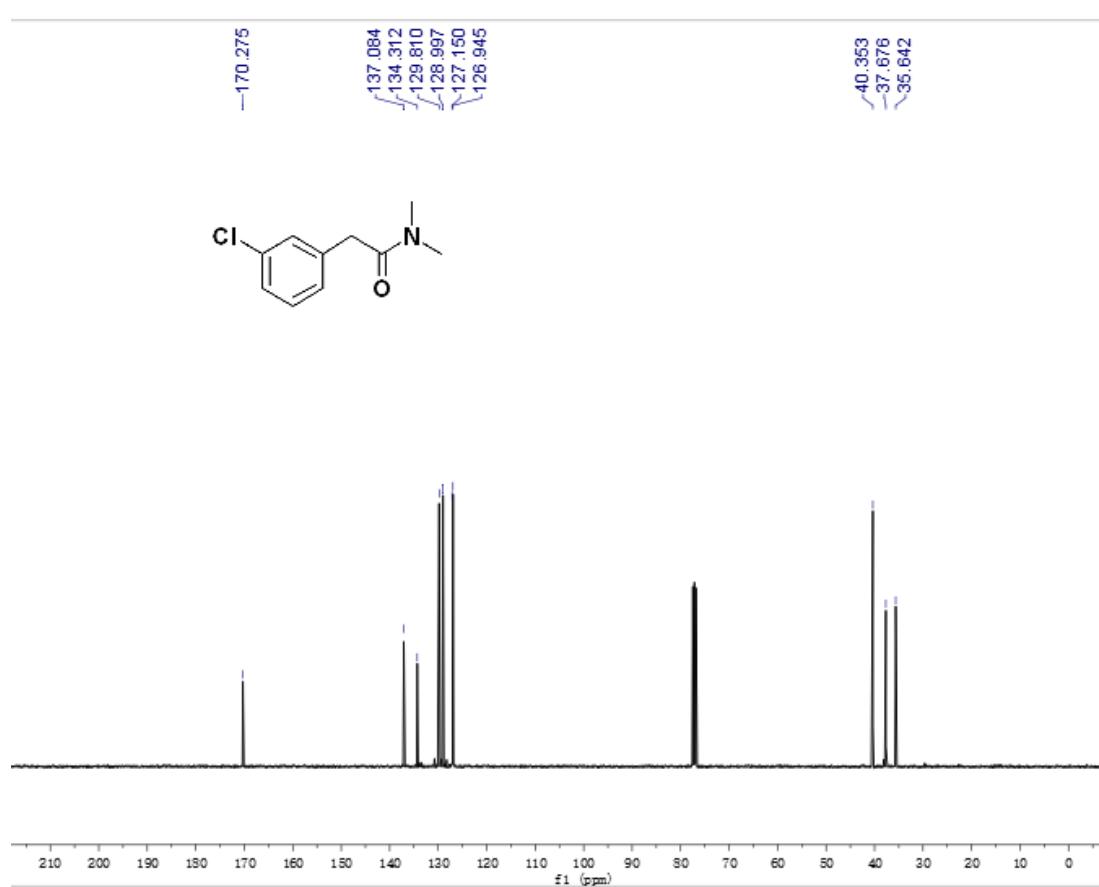
¹³C NMR spectrum of 3ia



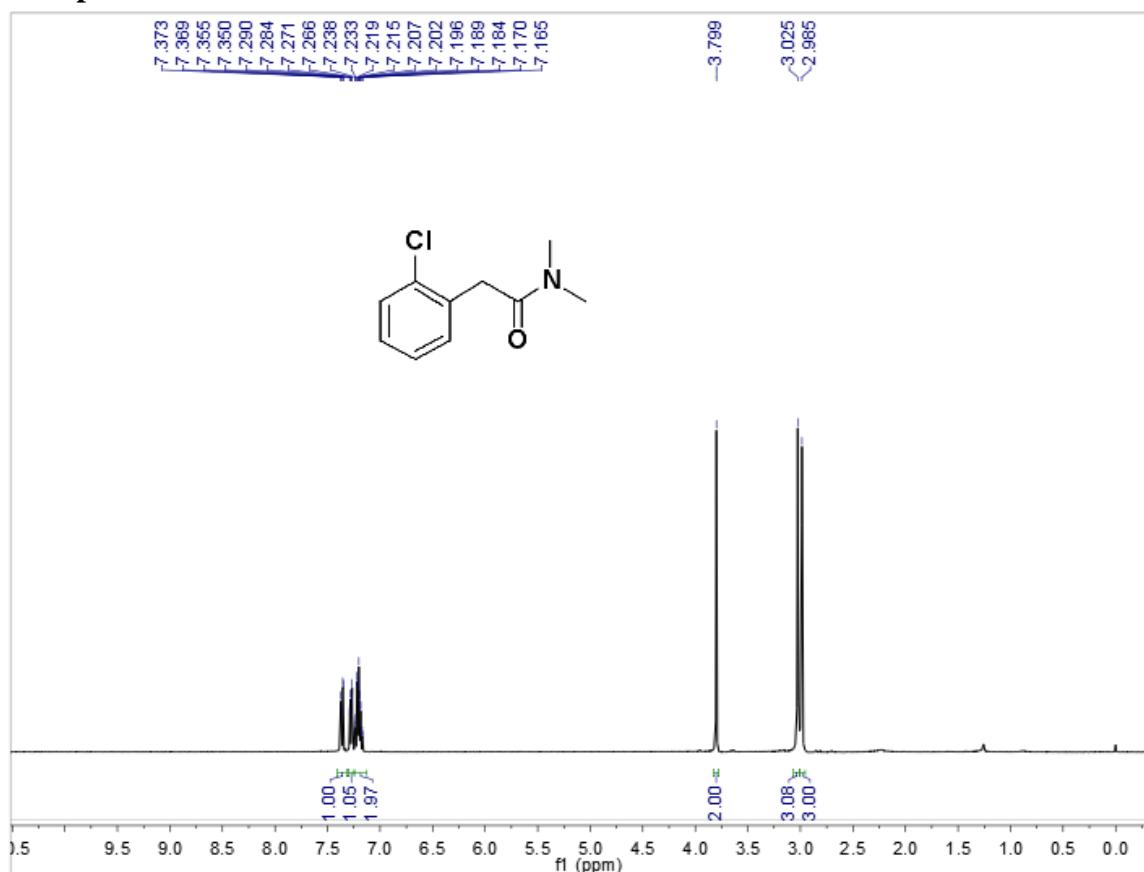
¹H NMR spectrum of 3ja



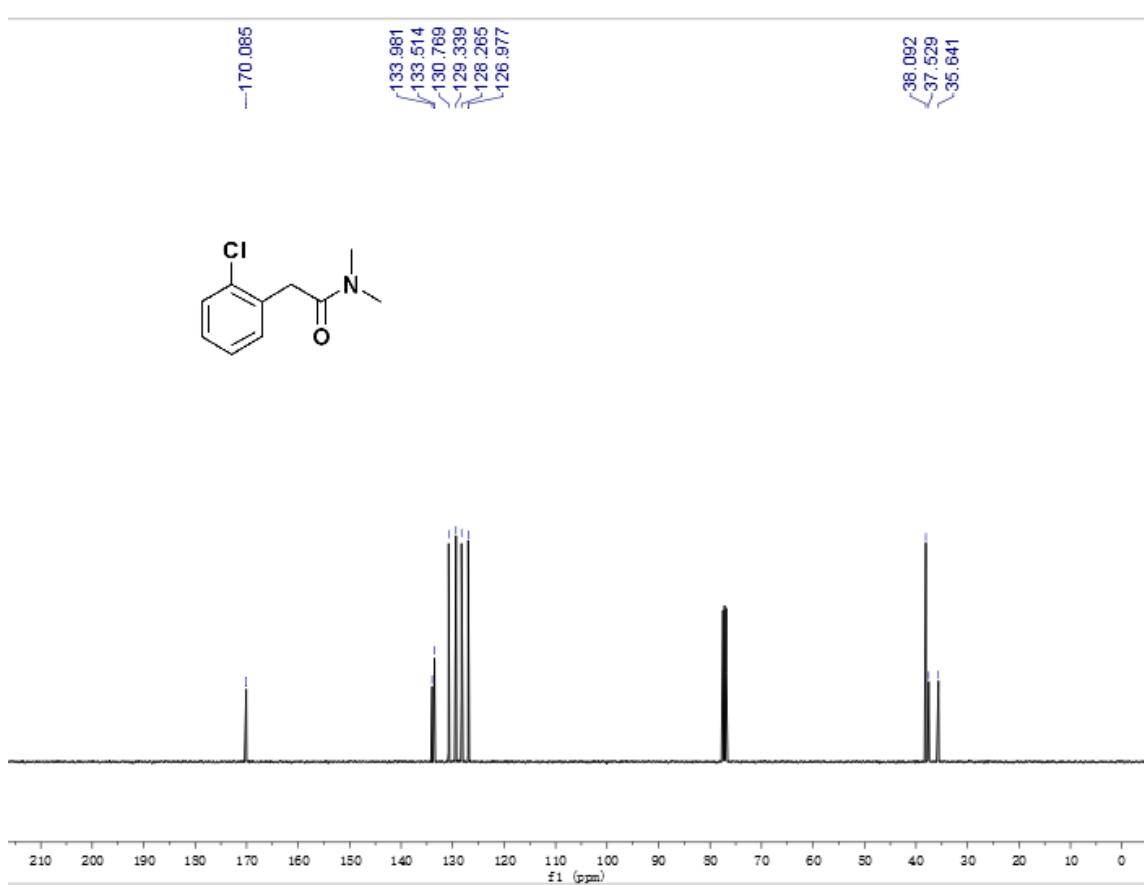
¹³C NMR spectrum of 3ja



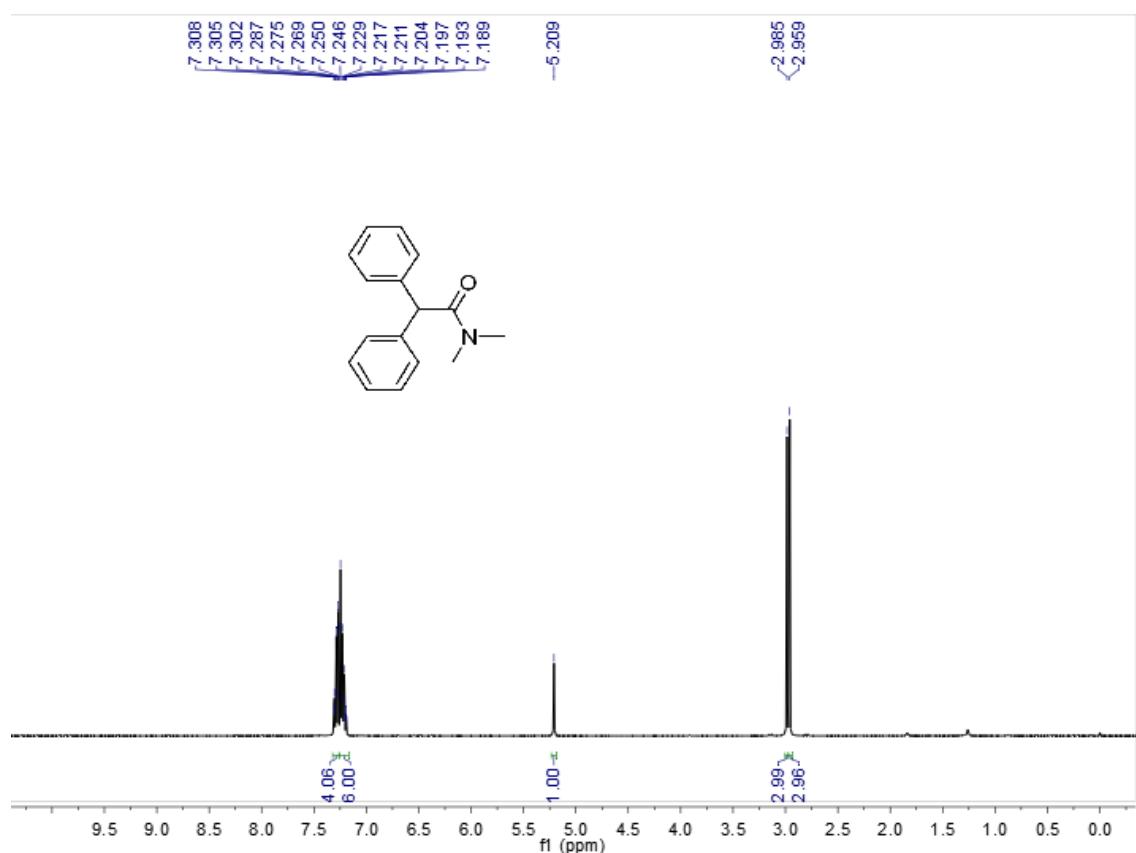
¹H NMR spectrum of 3ka



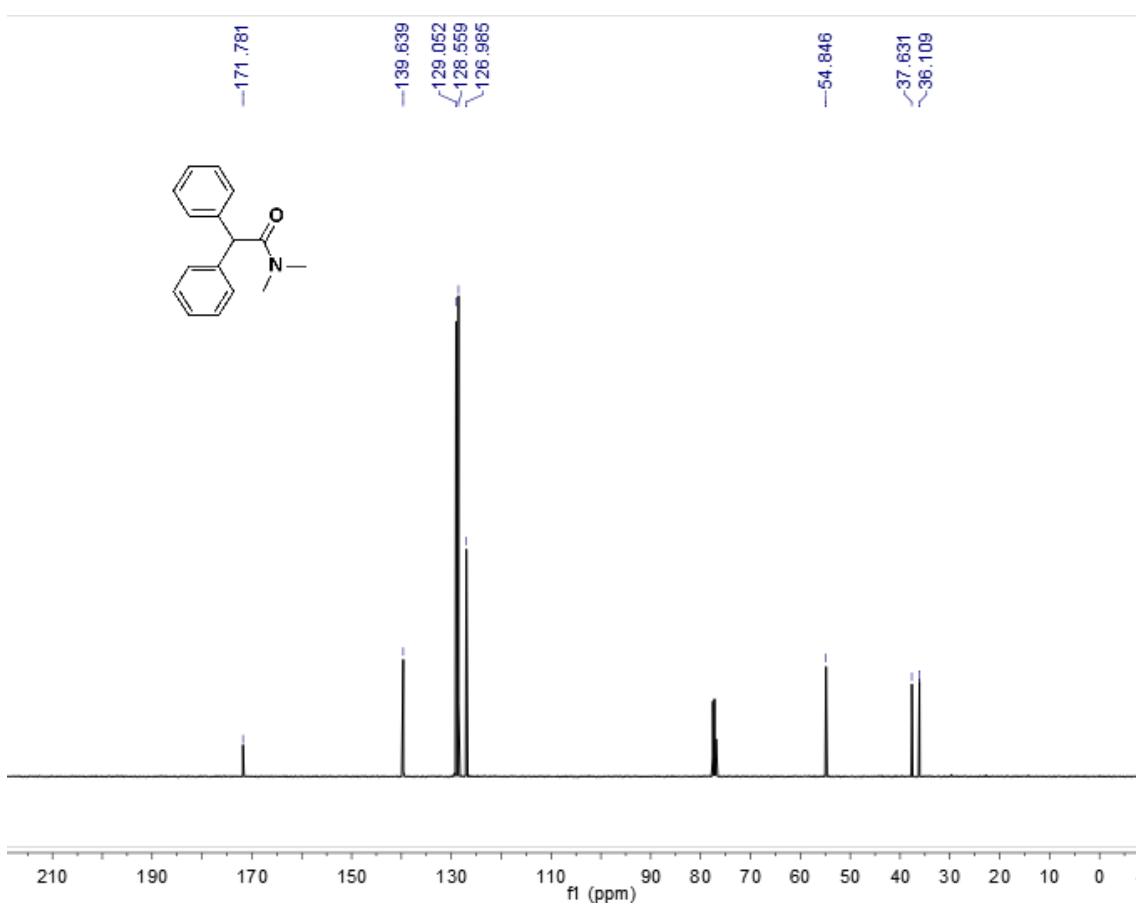
¹³C NMR spectrum of 3ka



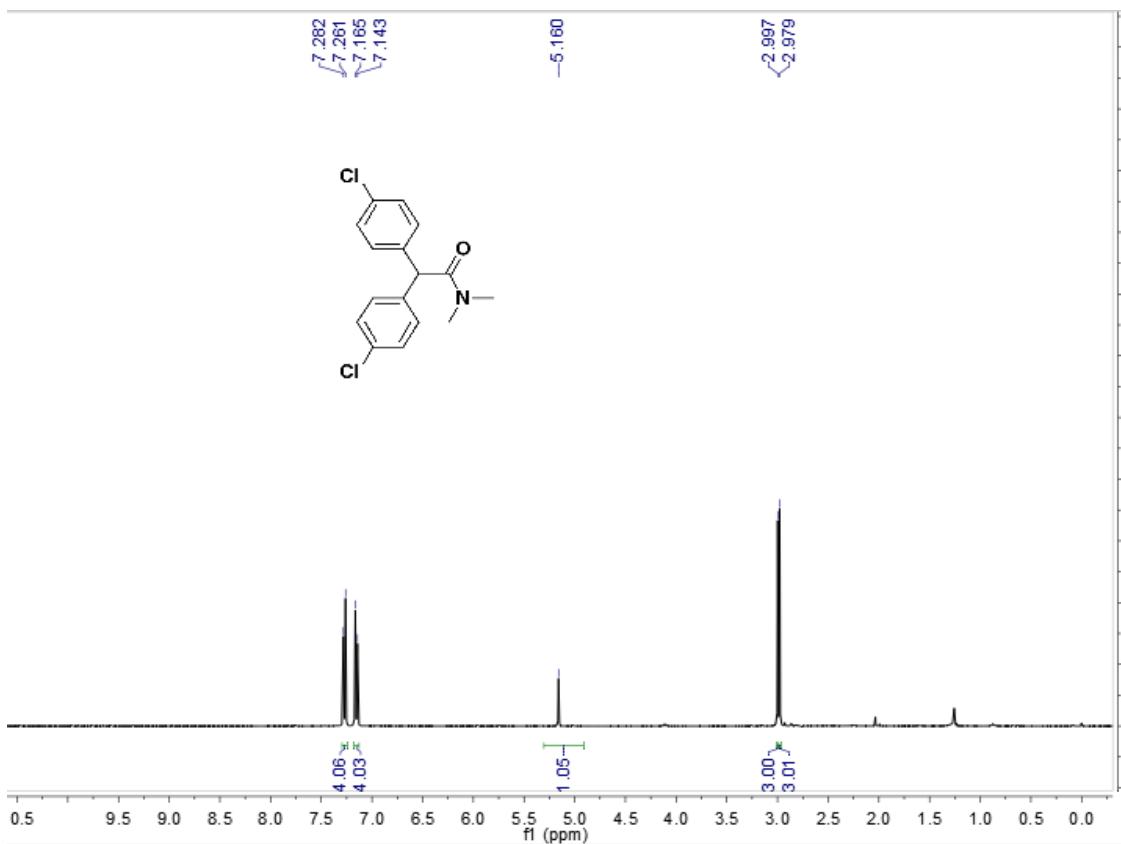
¹H NMR spectrum of 3la



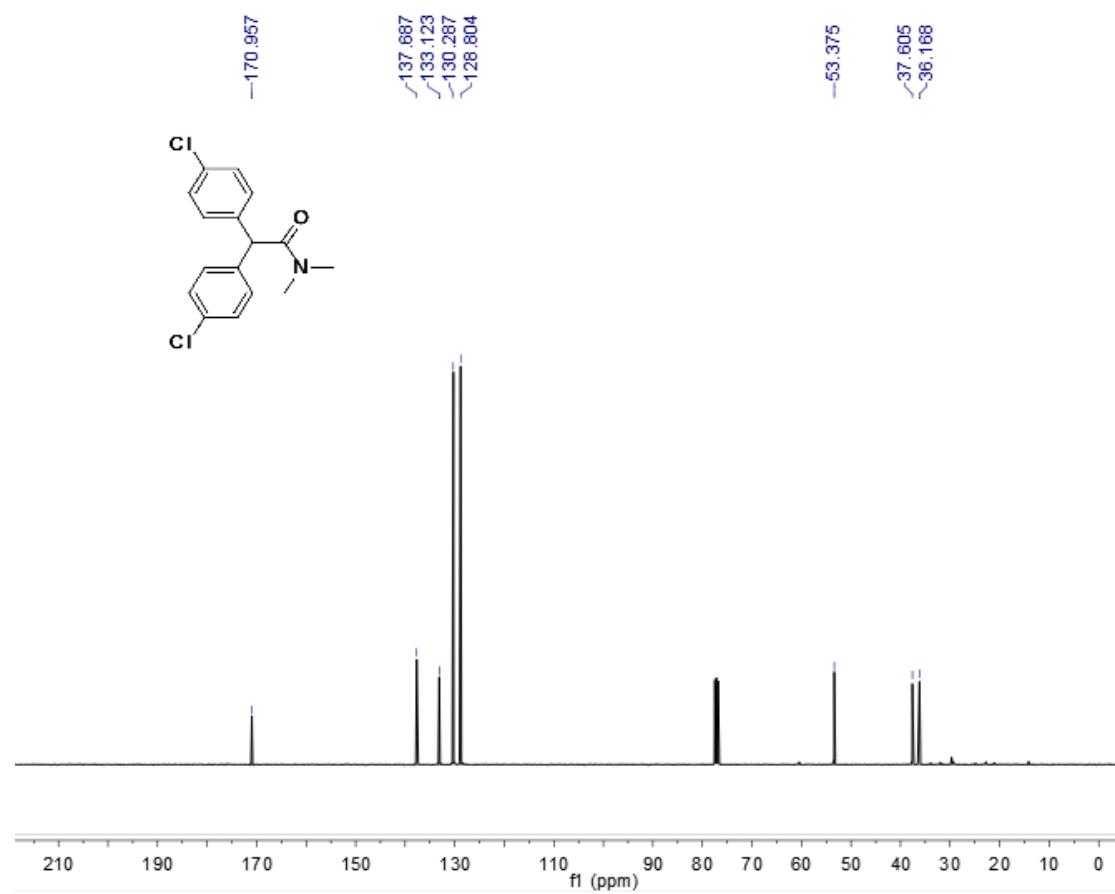
¹³C NMR spectrum of 3la



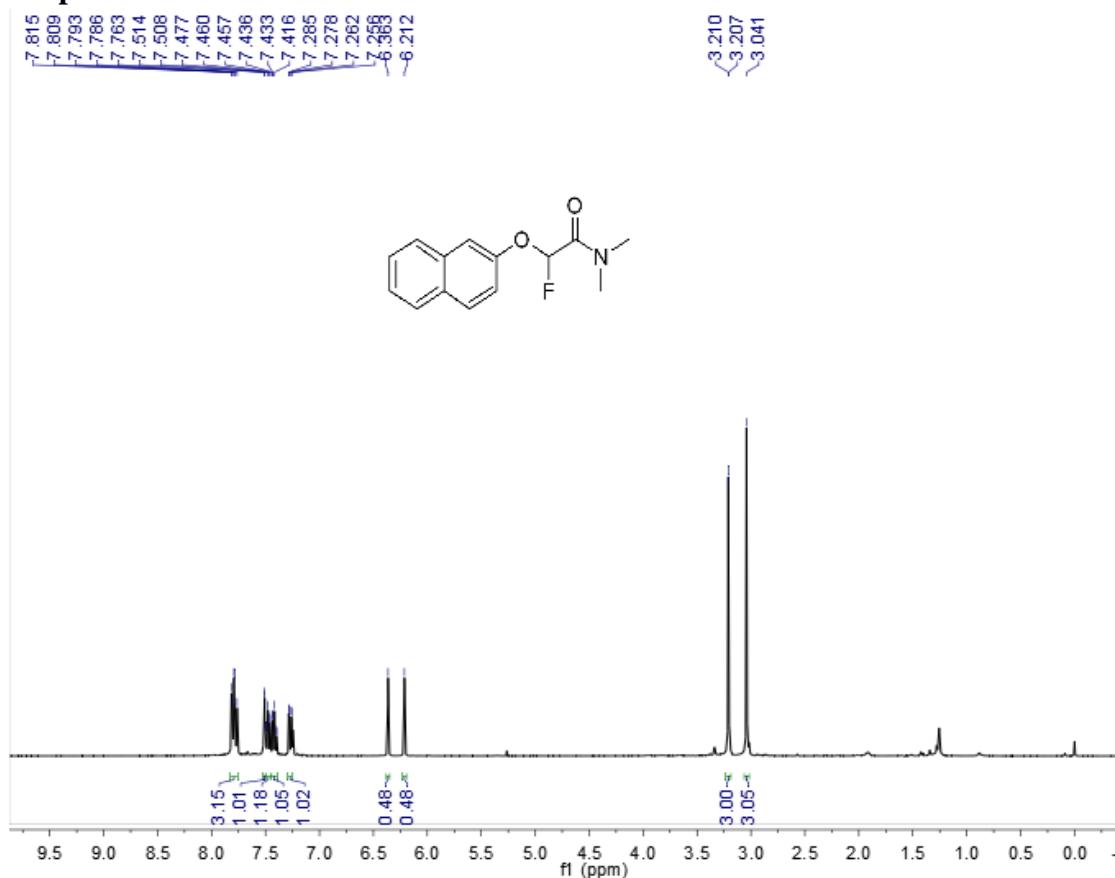
¹H NMR spectrum of 3ma



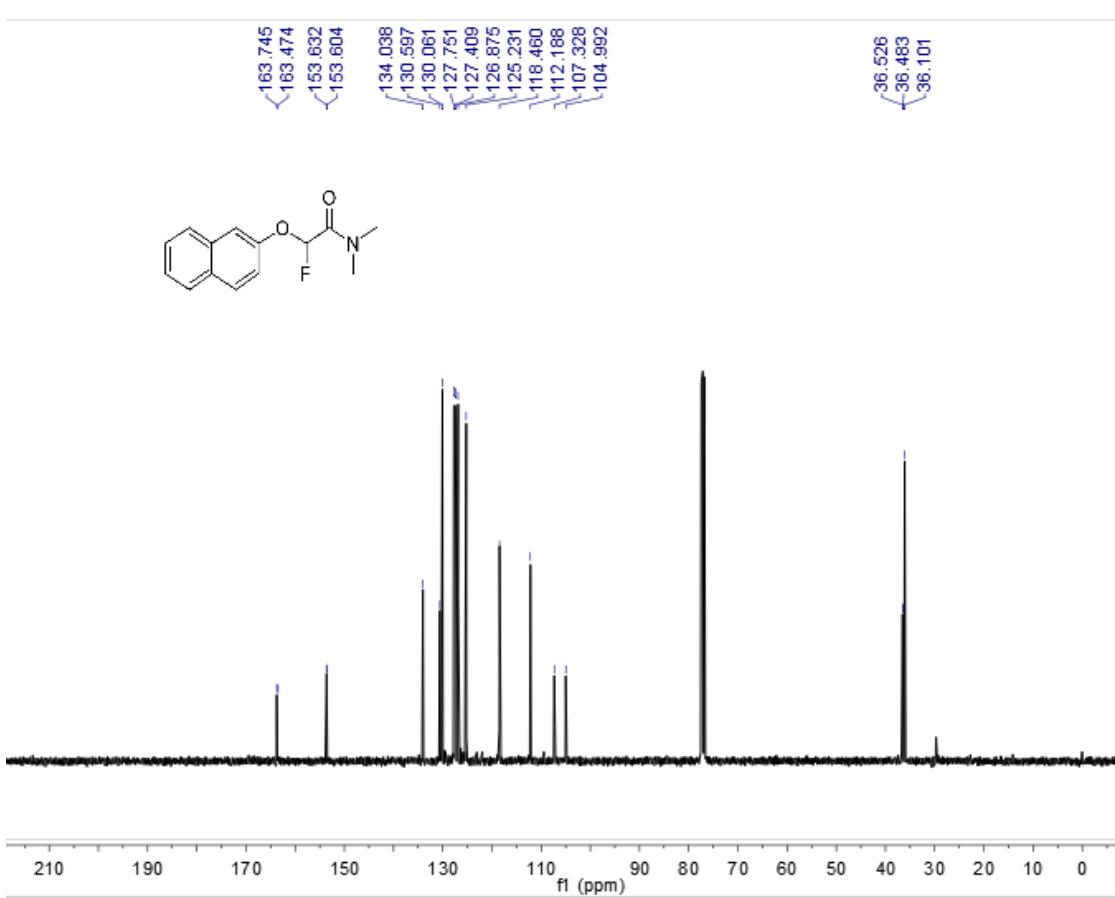
¹³C NMR spectrum of 3ma



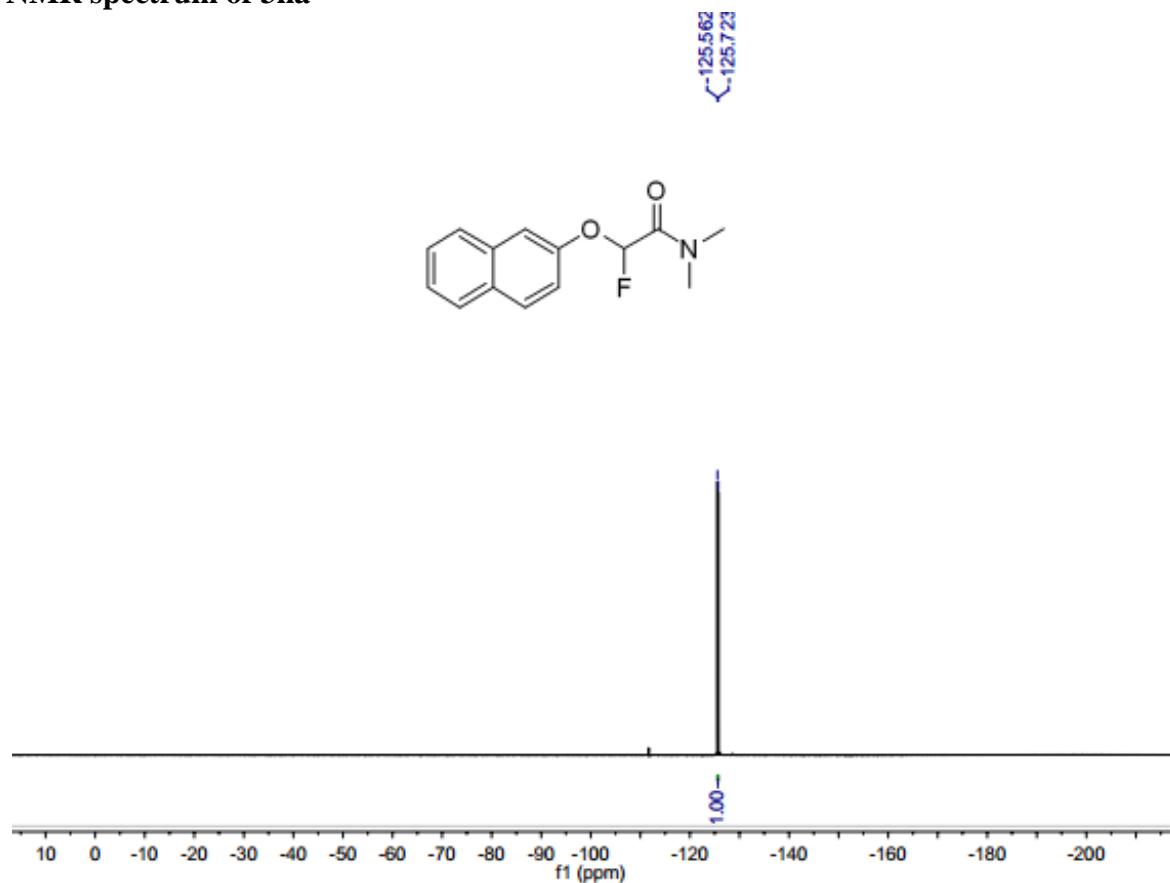
¹H NMR spectrum of 3na



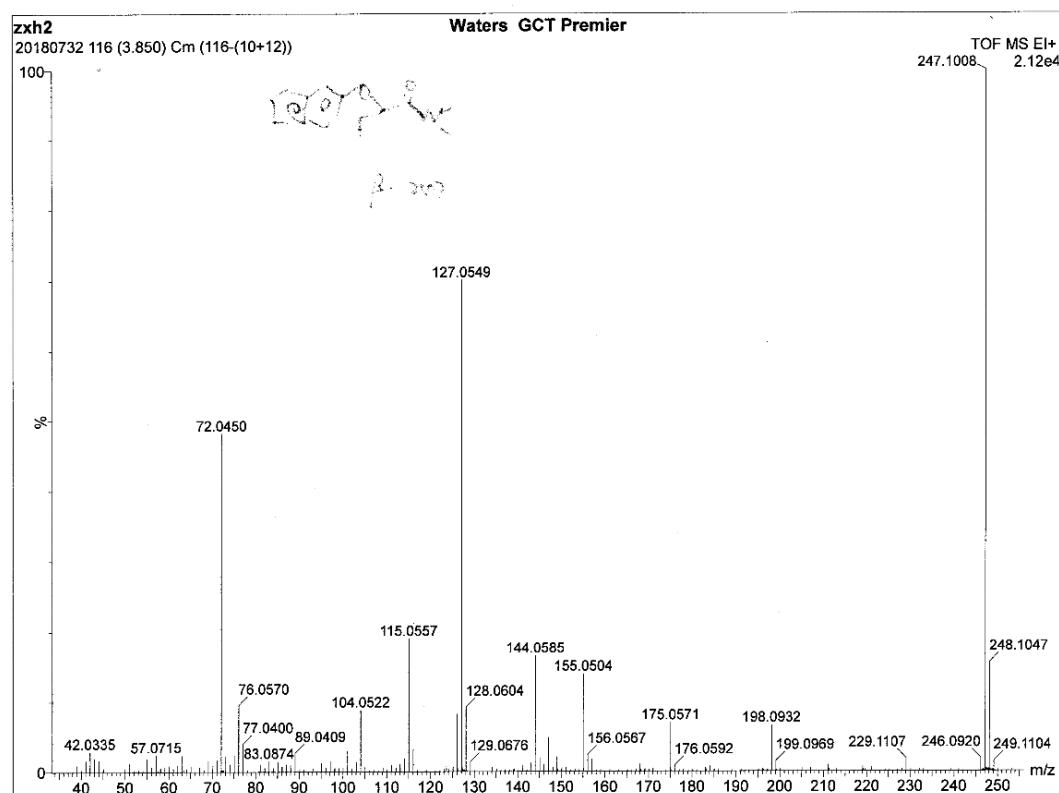
¹³C NMR spectrum of 3na



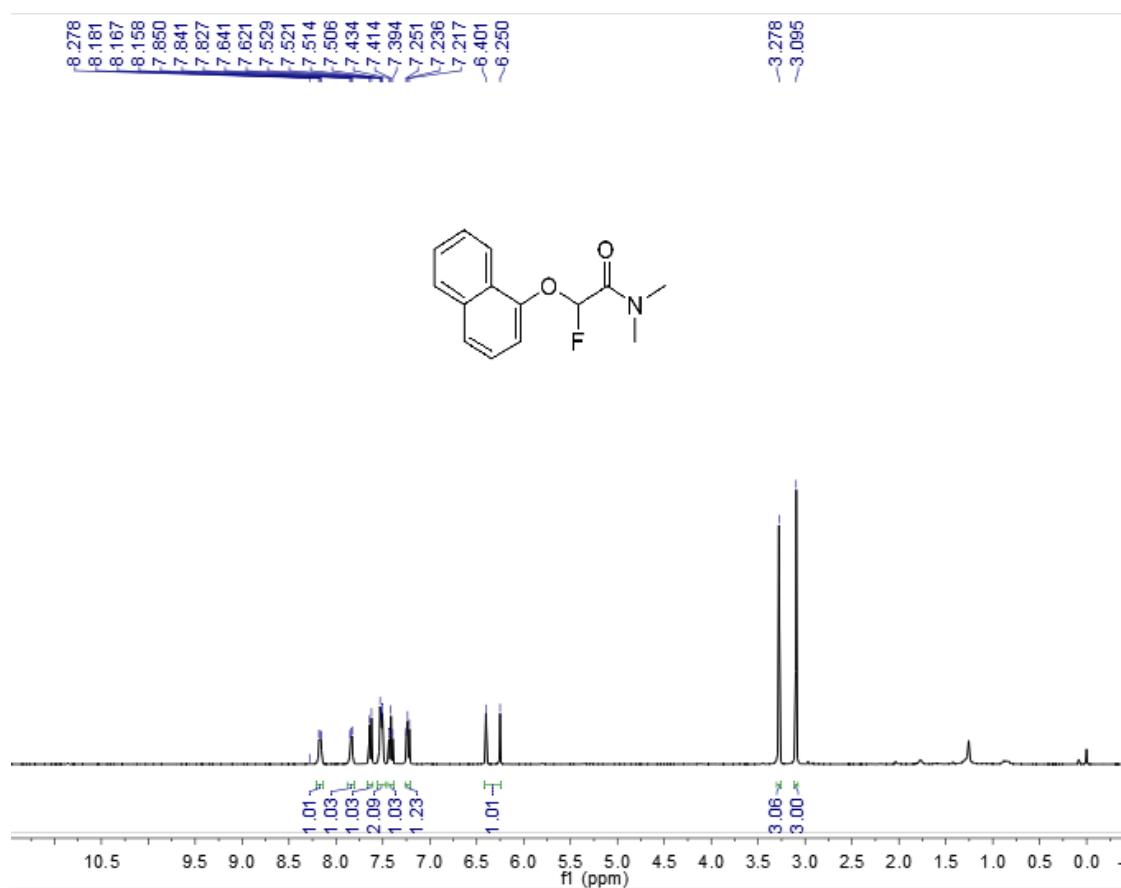
¹⁹C NMR spectrum of 3na



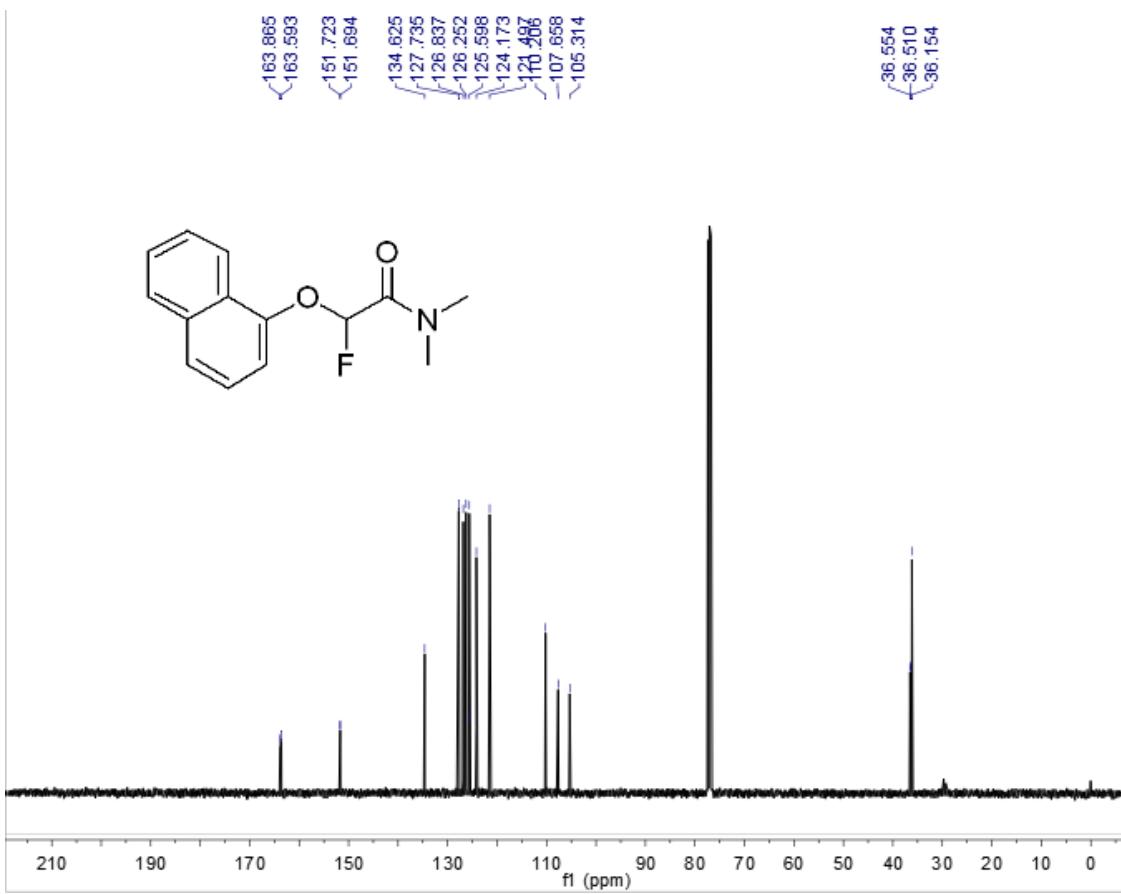
HRMS (EI) of 3na



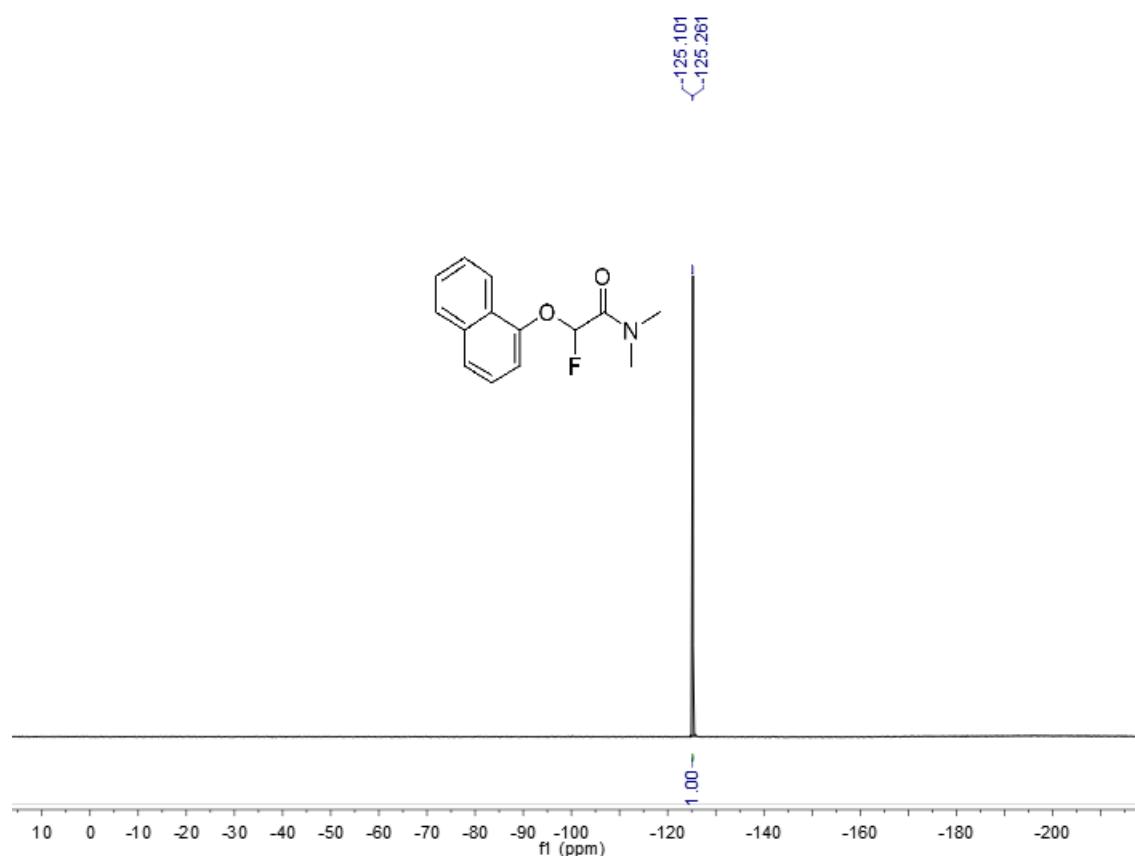
¹H NMR spectrum of 3oa



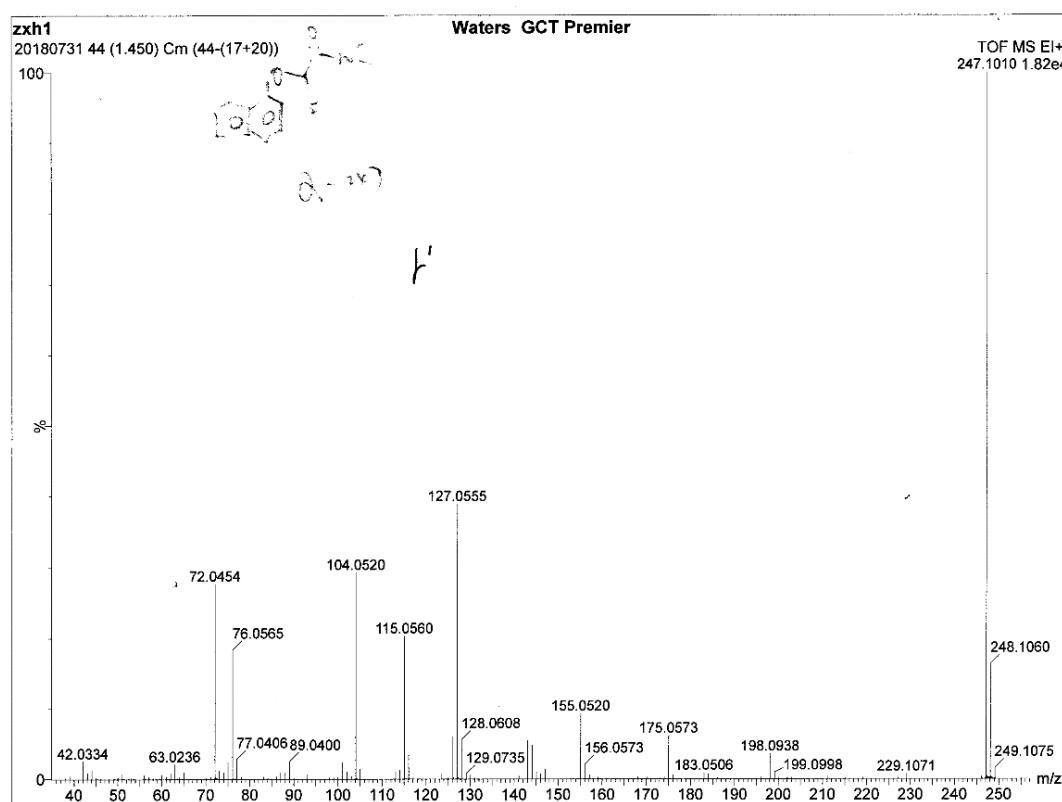
¹³C NMR spectrum of 3oa



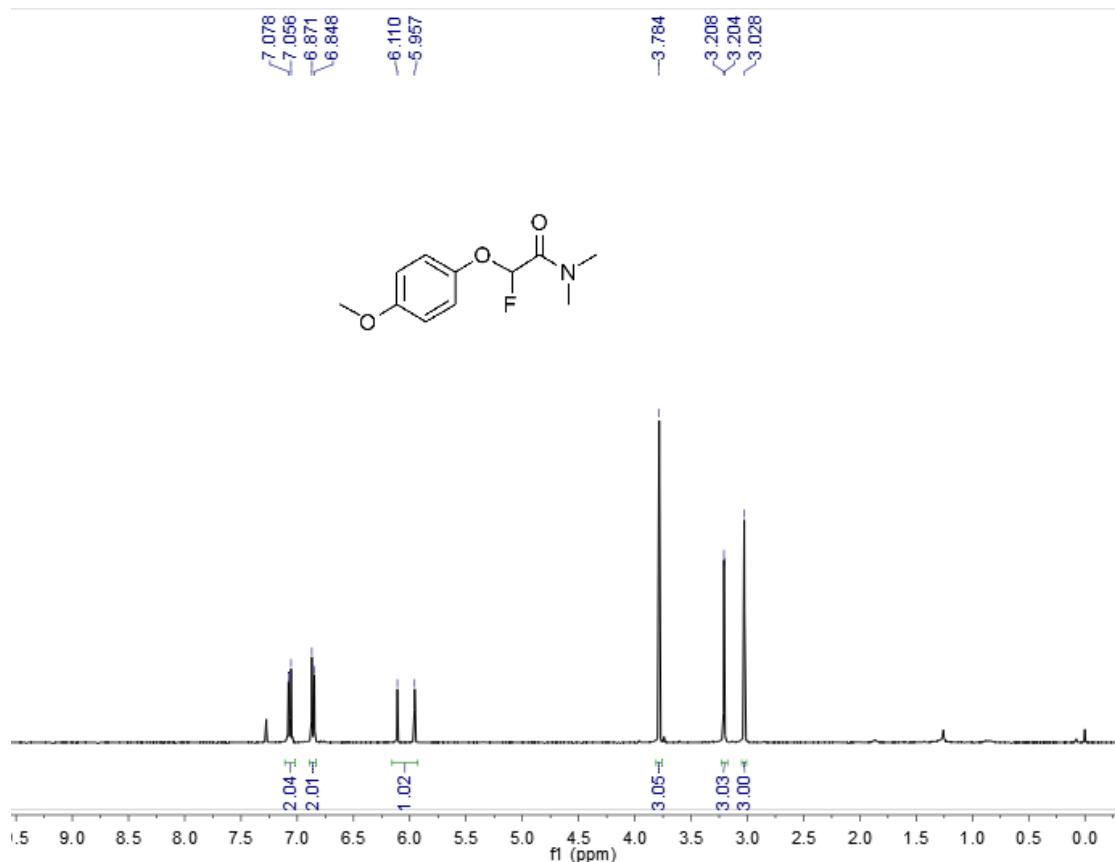
¹⁹F NMR spectrum of 3oa



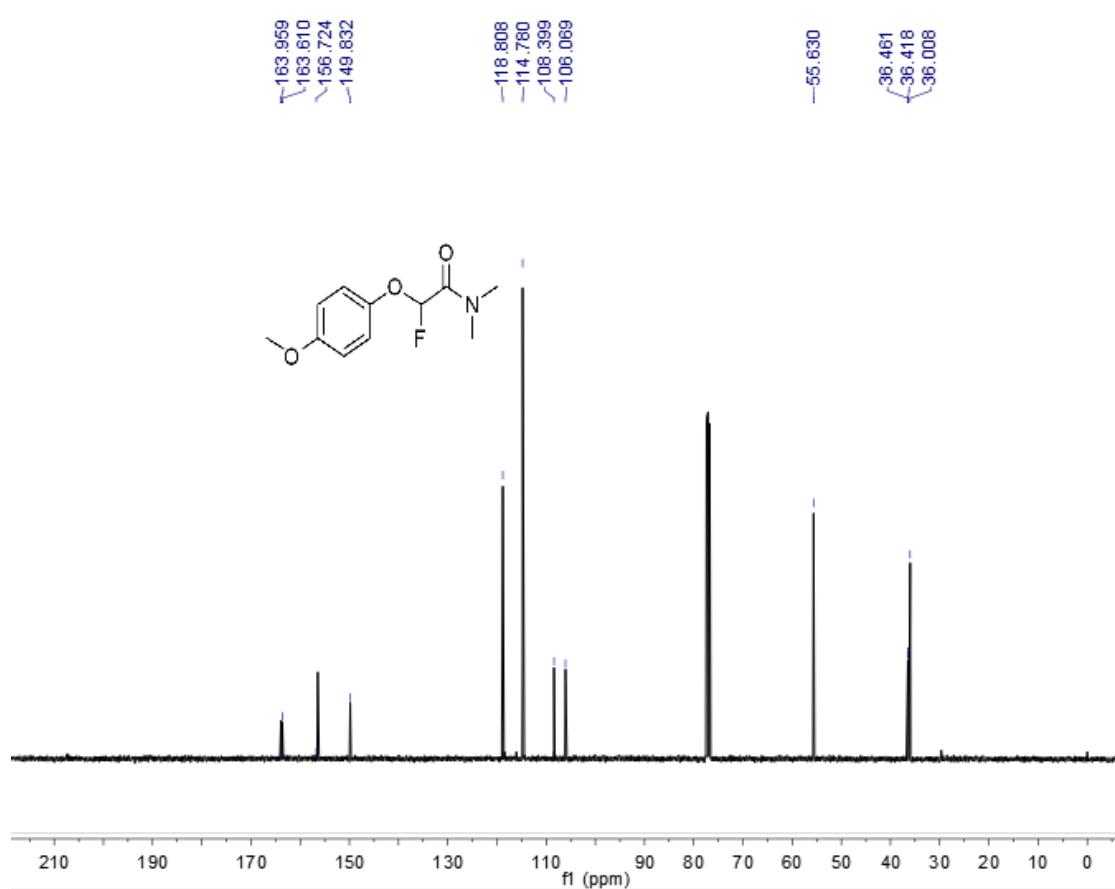
HRMS (EI) of 3oa



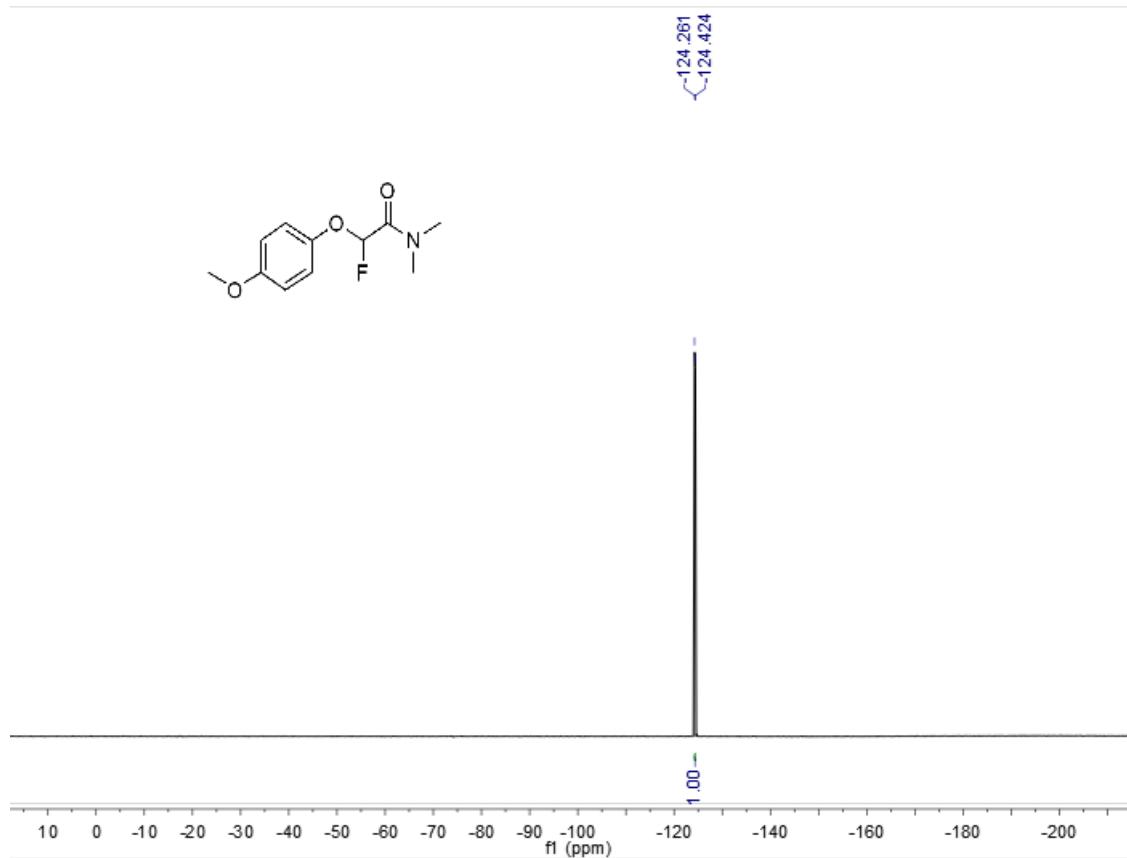
¹H NMR spectrum of 3pa



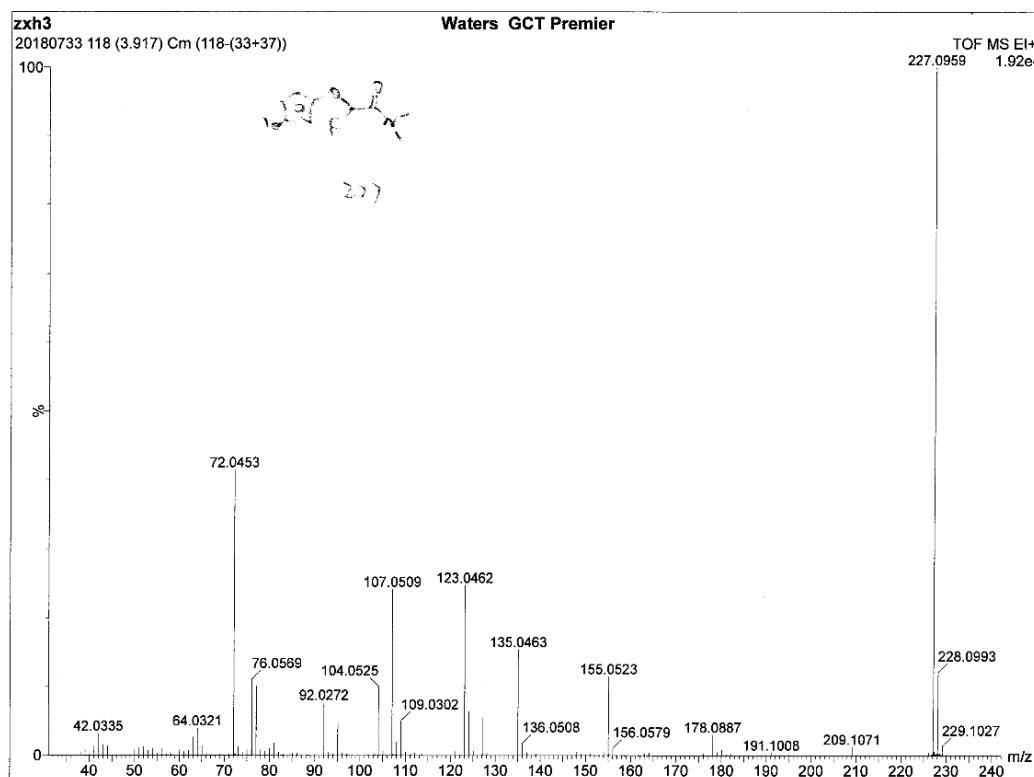
¹³C NMR spectrum of 3pa



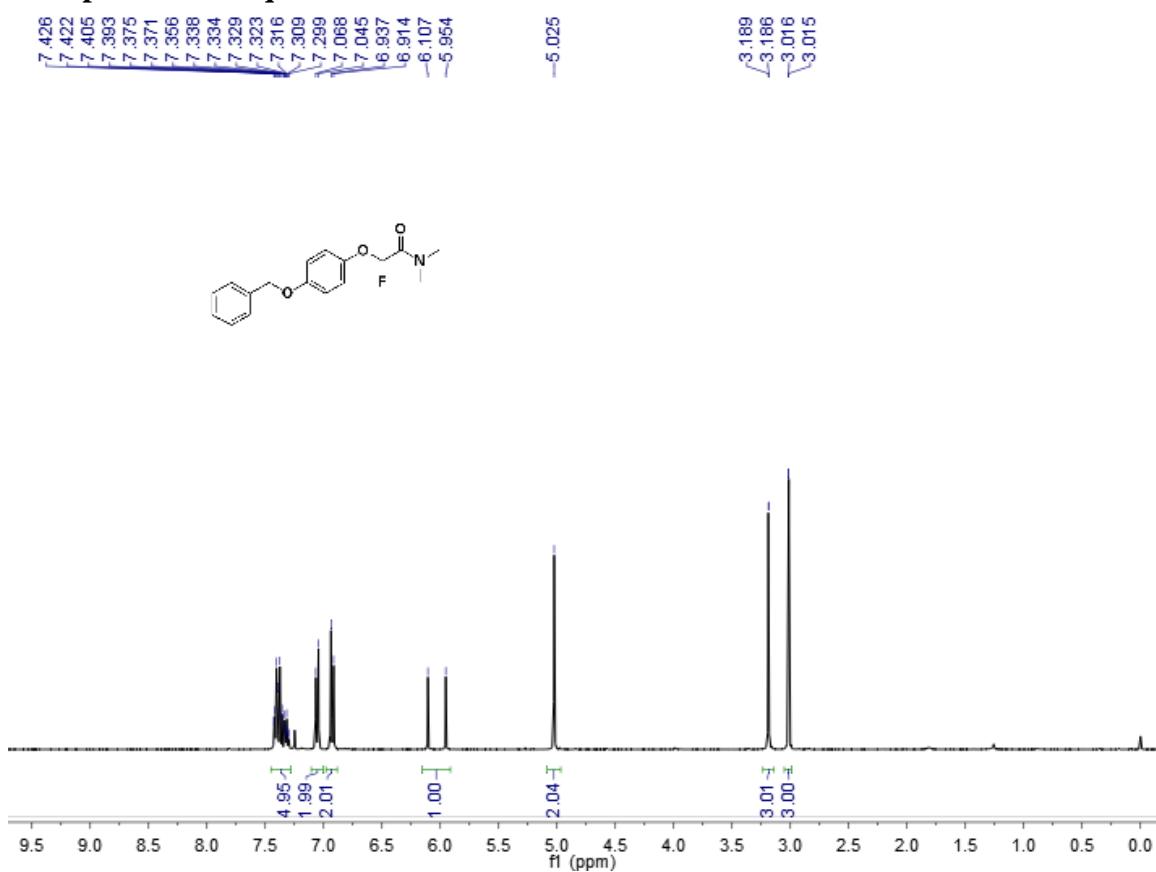
¹⁹F NMR spectrum of 3pa



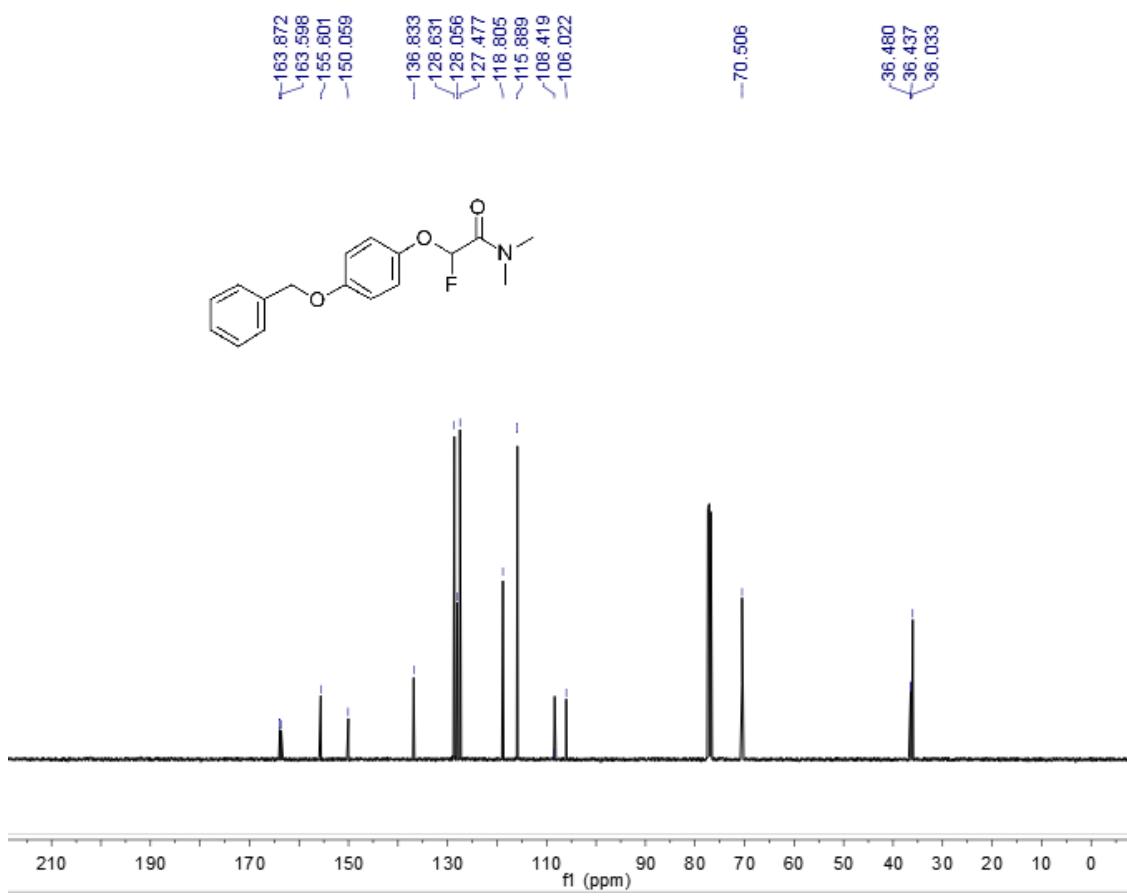
HRMS (EI) of 3pa



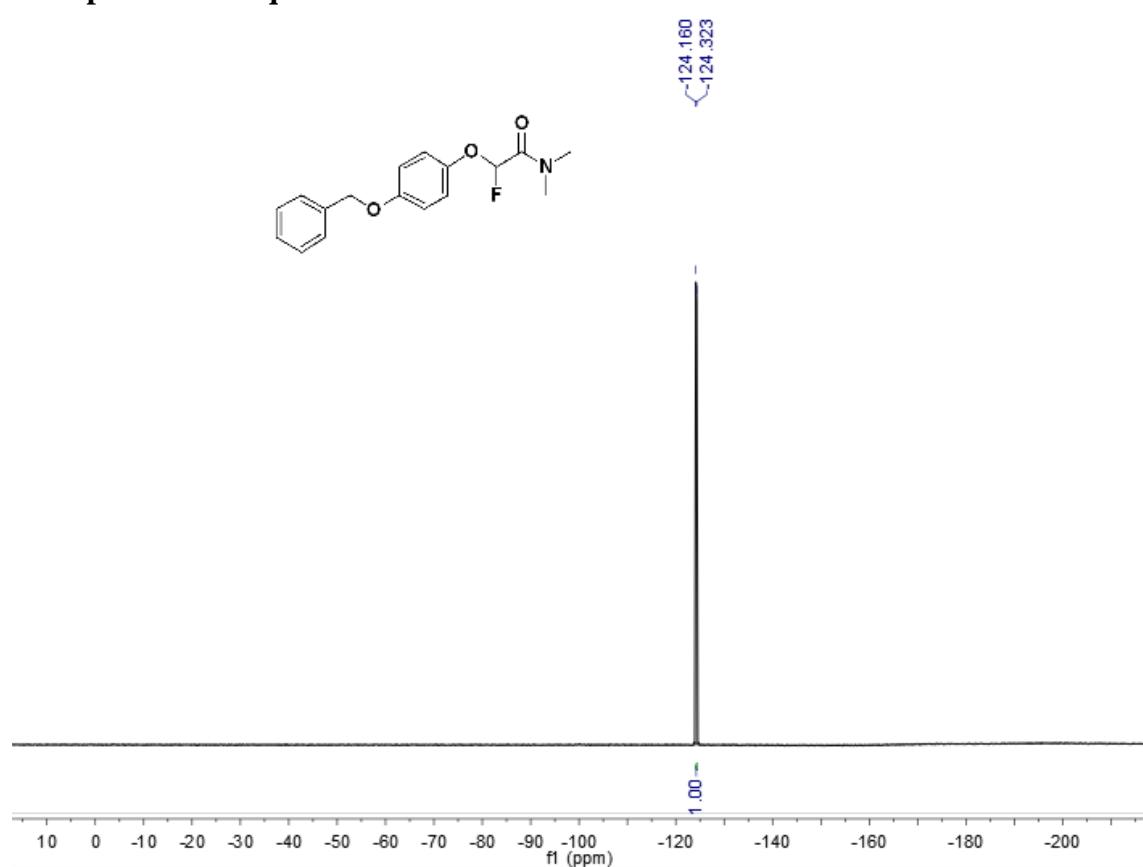
¹H NMR spectrum of 3qa



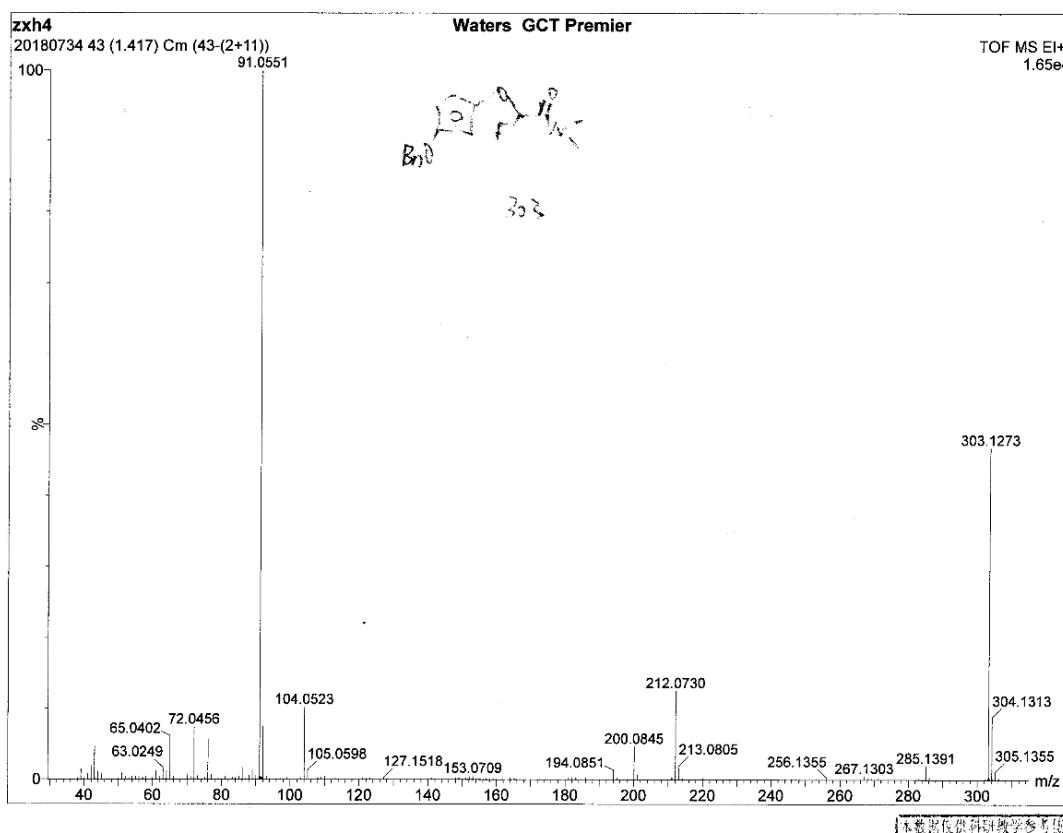
¹³C NMR spectrum of 3qa



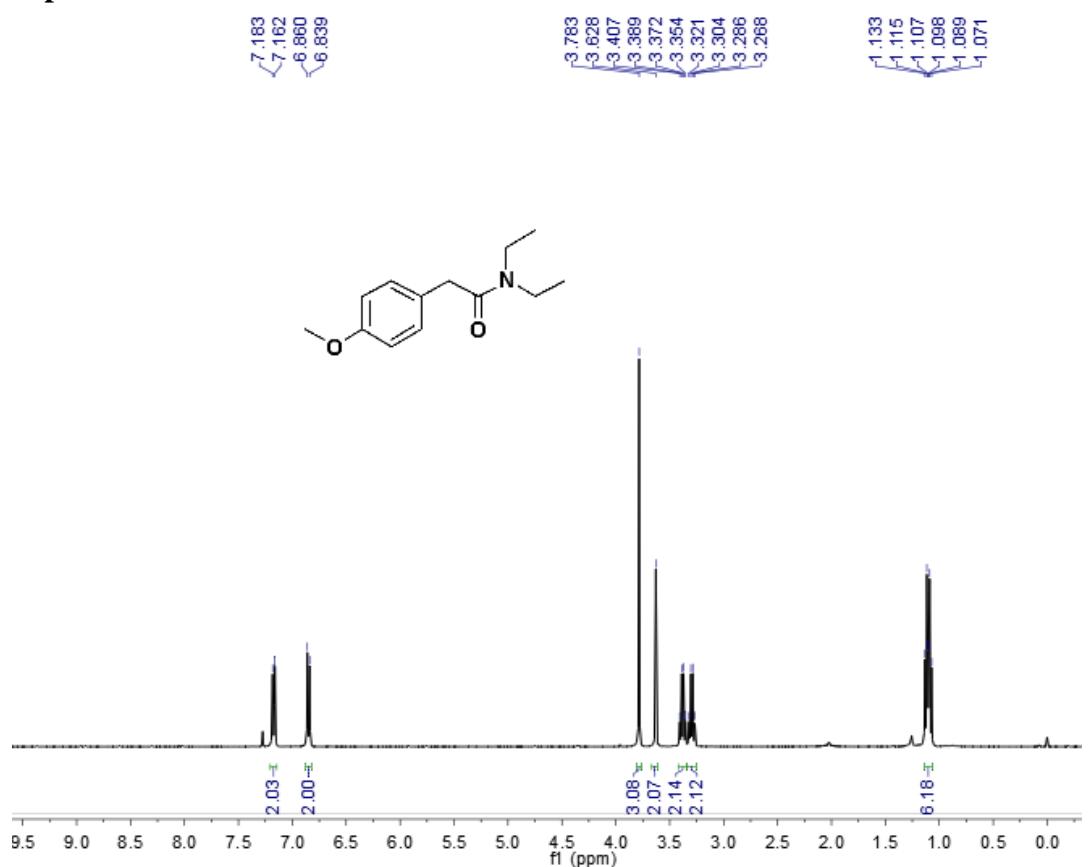
¹⁹F NMR spectrum of 3qa



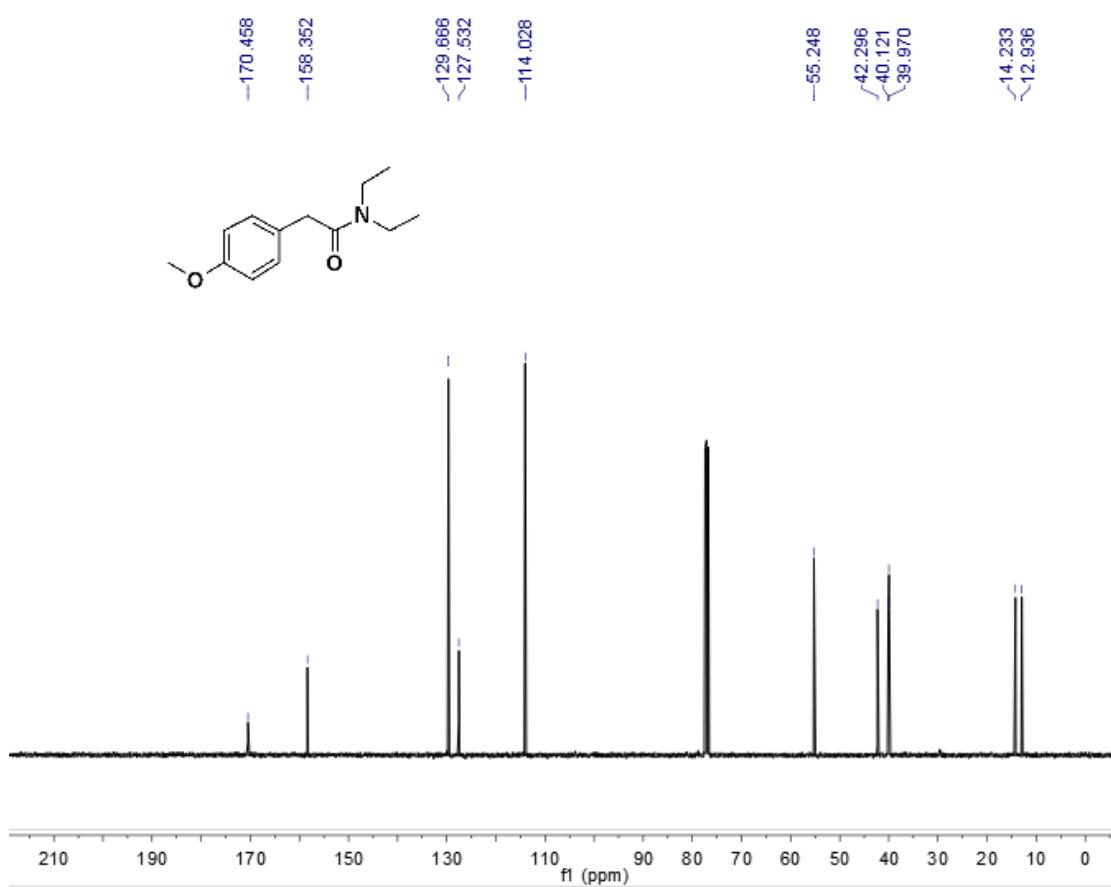
HRMS (EI) of 3qa



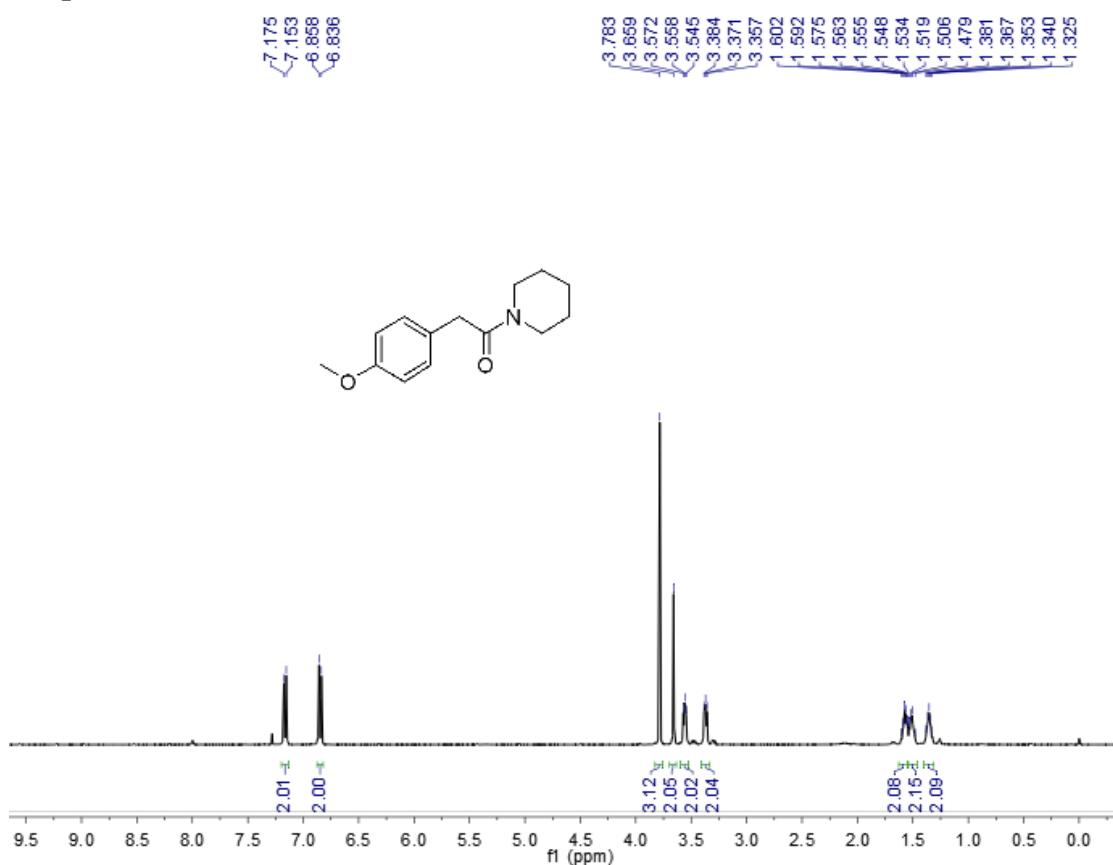
¹H NMR spectrum of 3ab



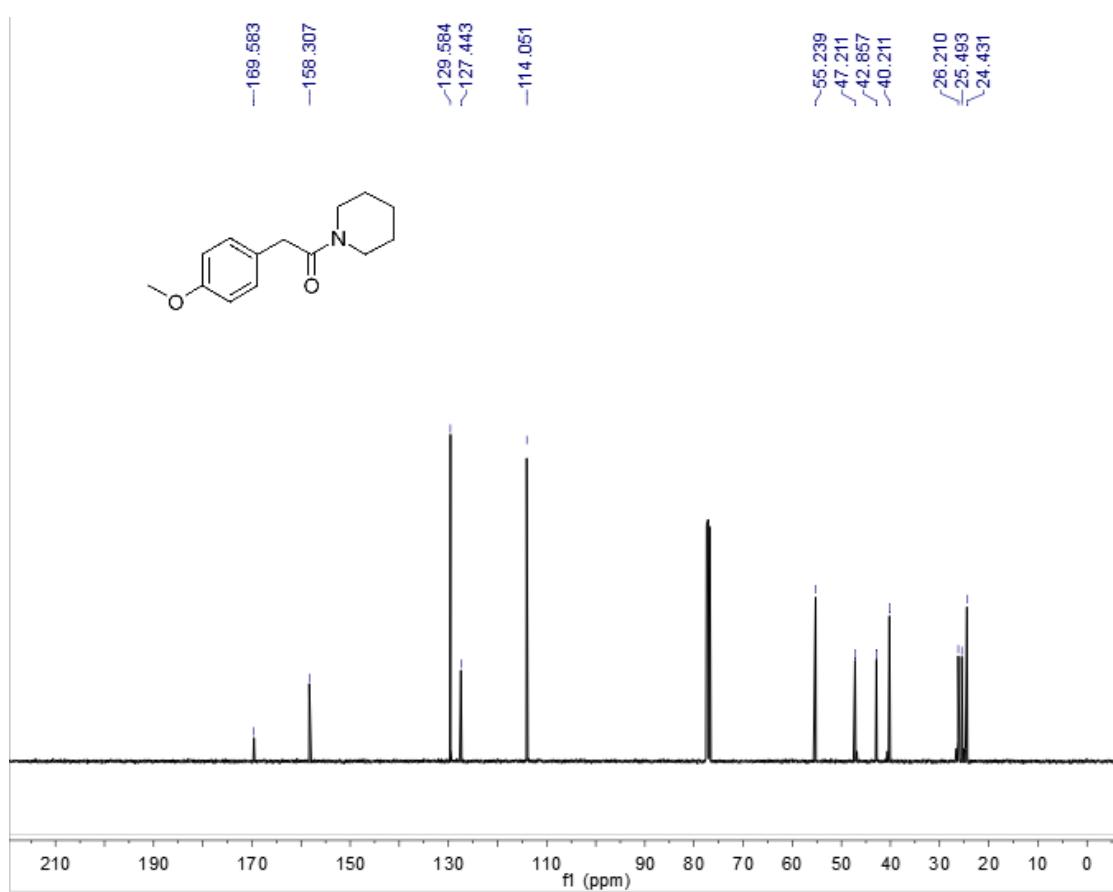
¹³C NMR spectrum of 3ab



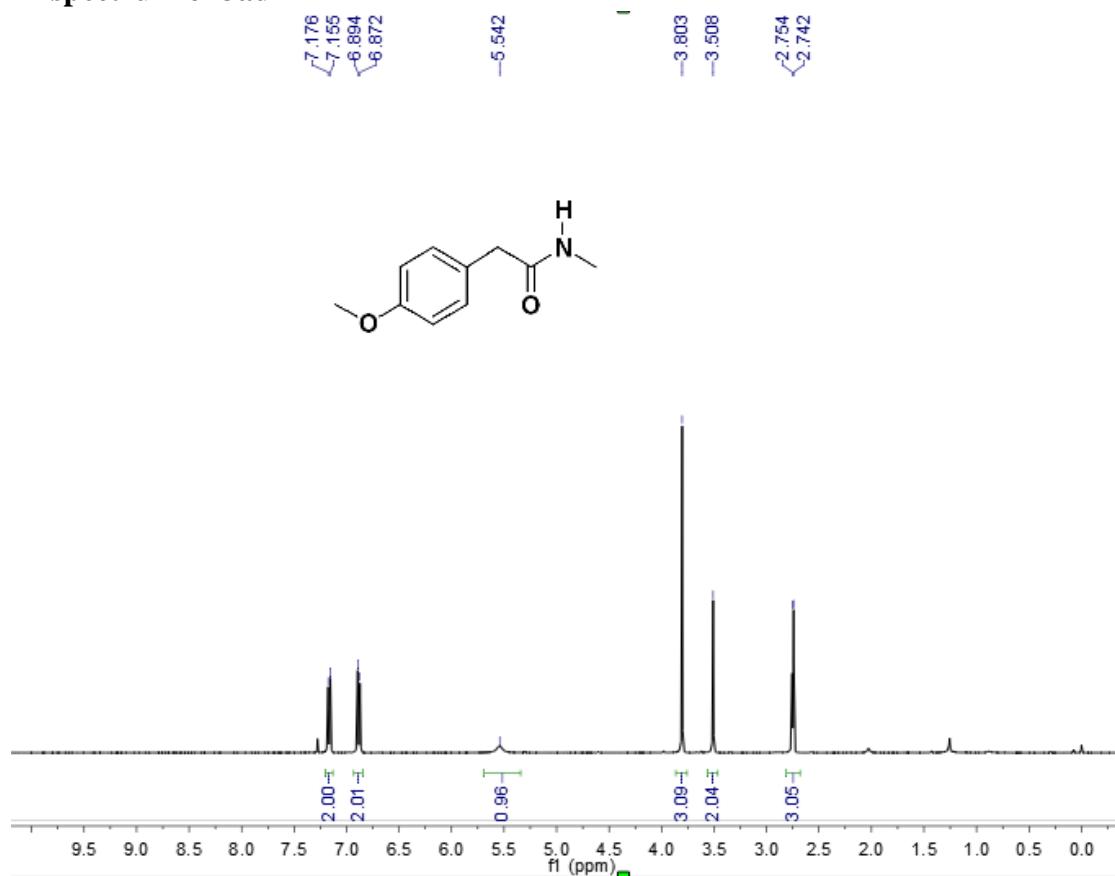
¹H NMR spectrum of 3ac



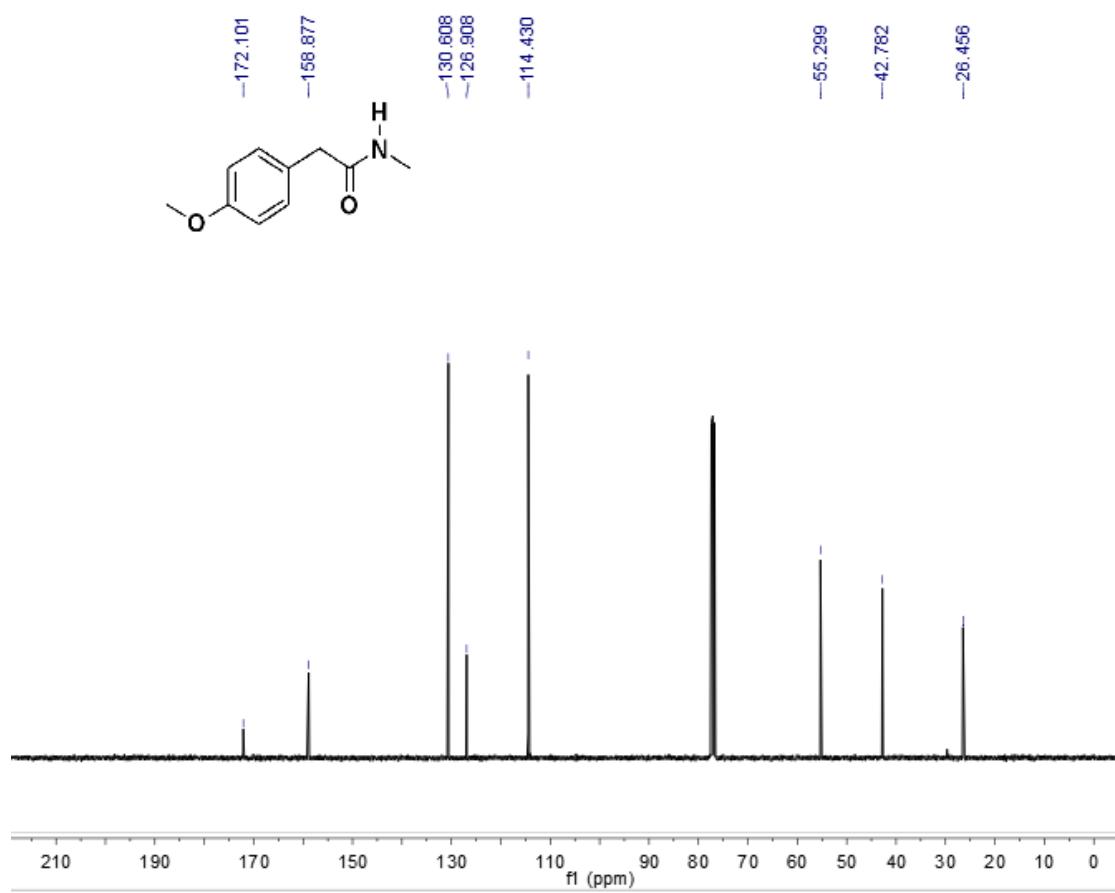
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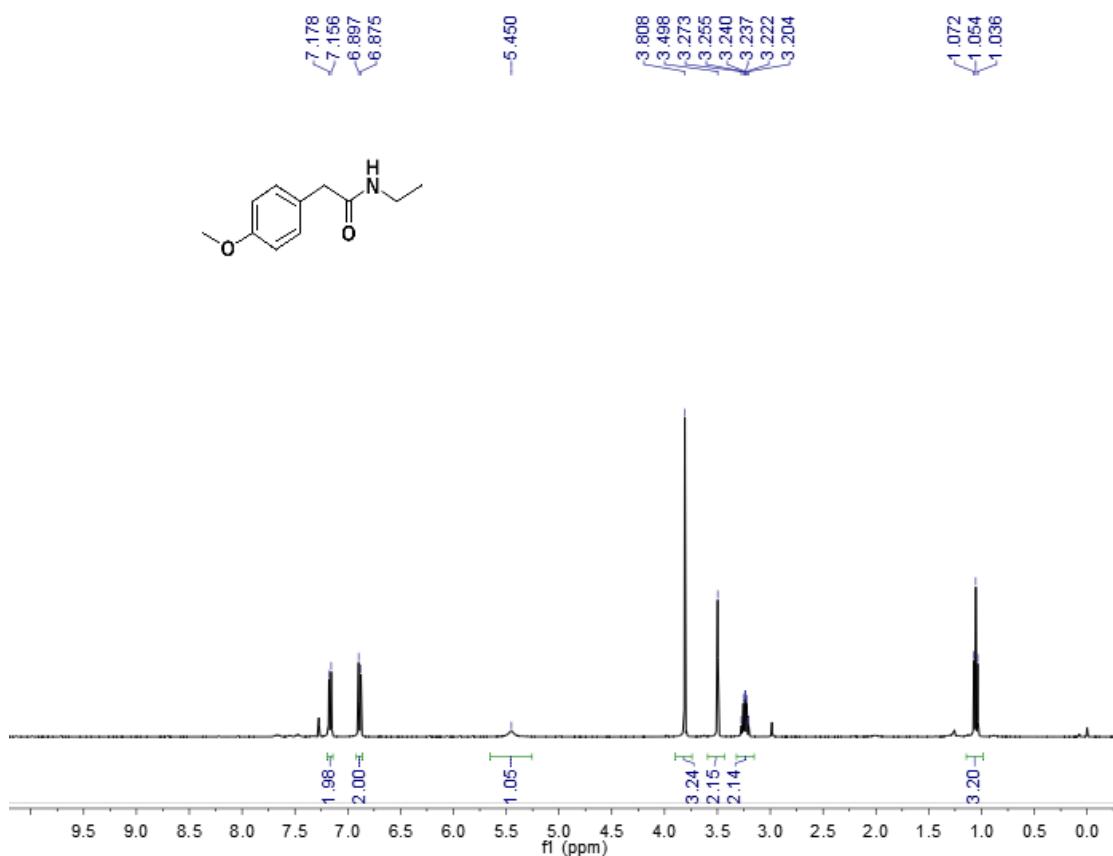
¹H NMR spectrum of 3ad



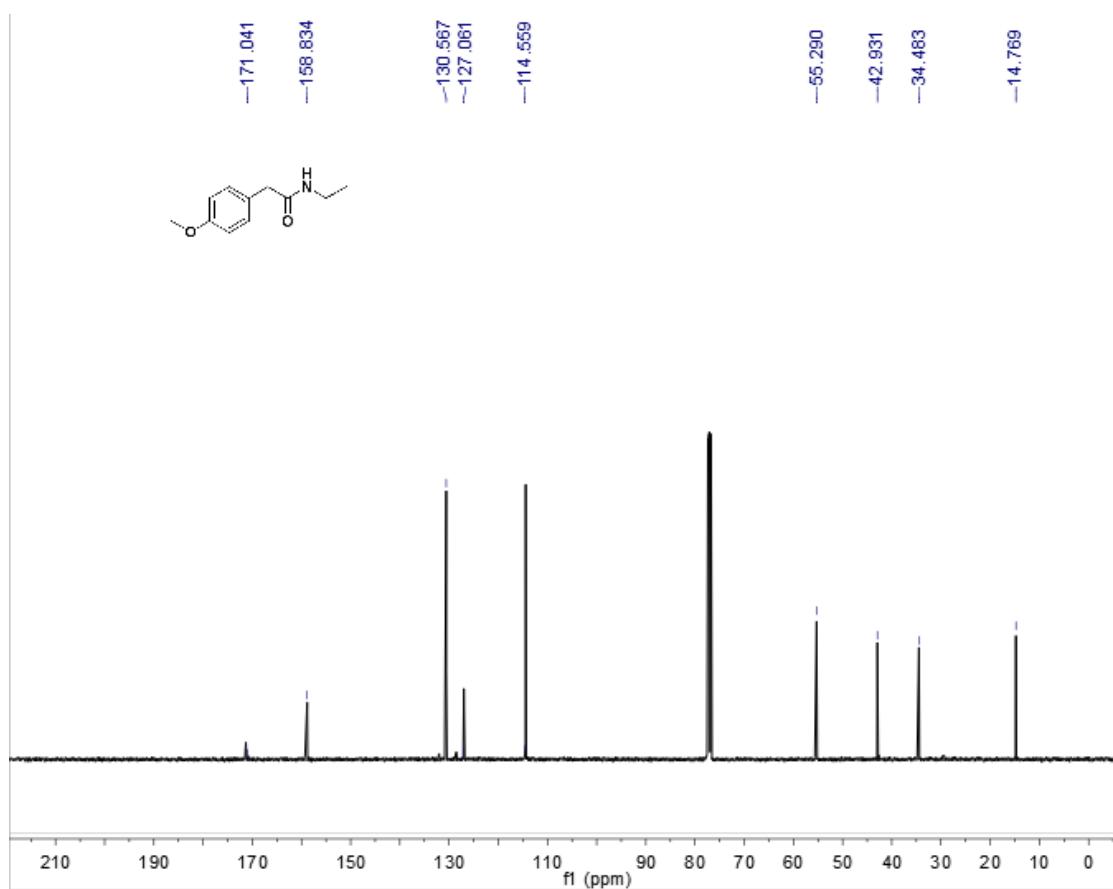
¹³C NMR spectrum of 3ad



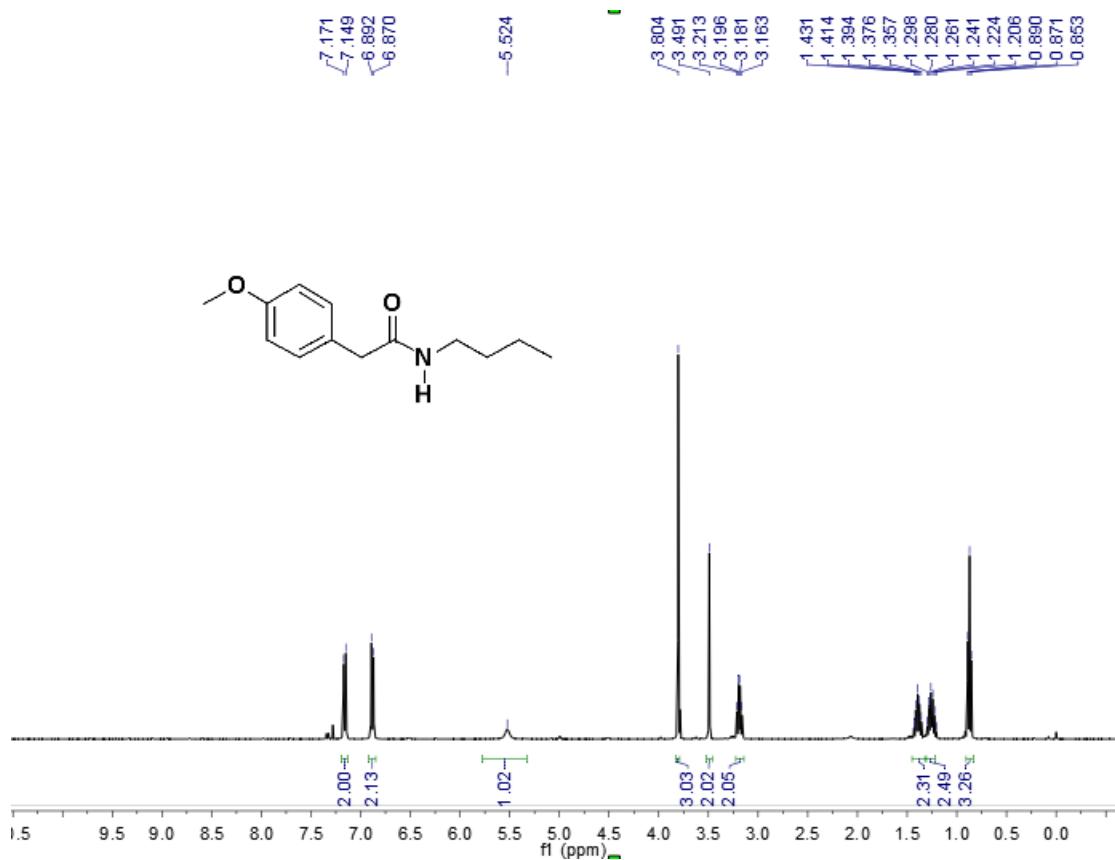
¹H NMR spectrum of 3ae



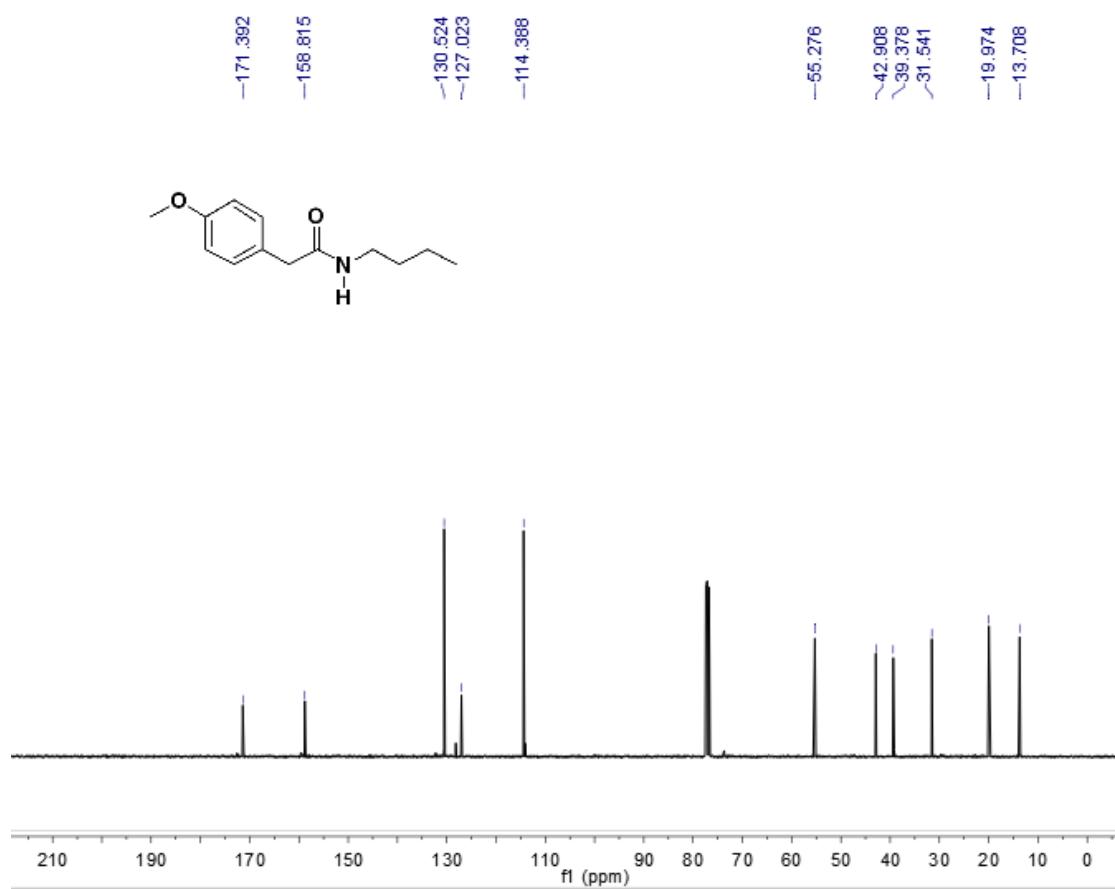
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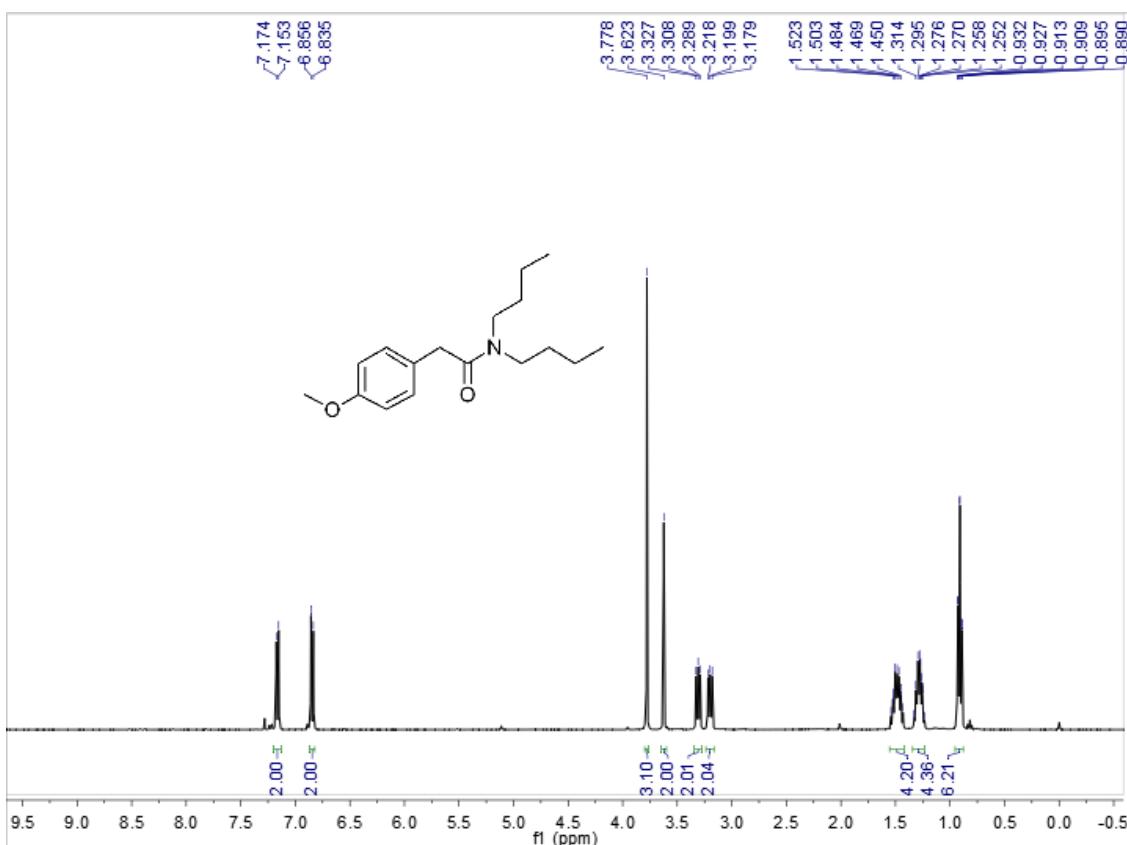
¹H NMR spectrum of 3af



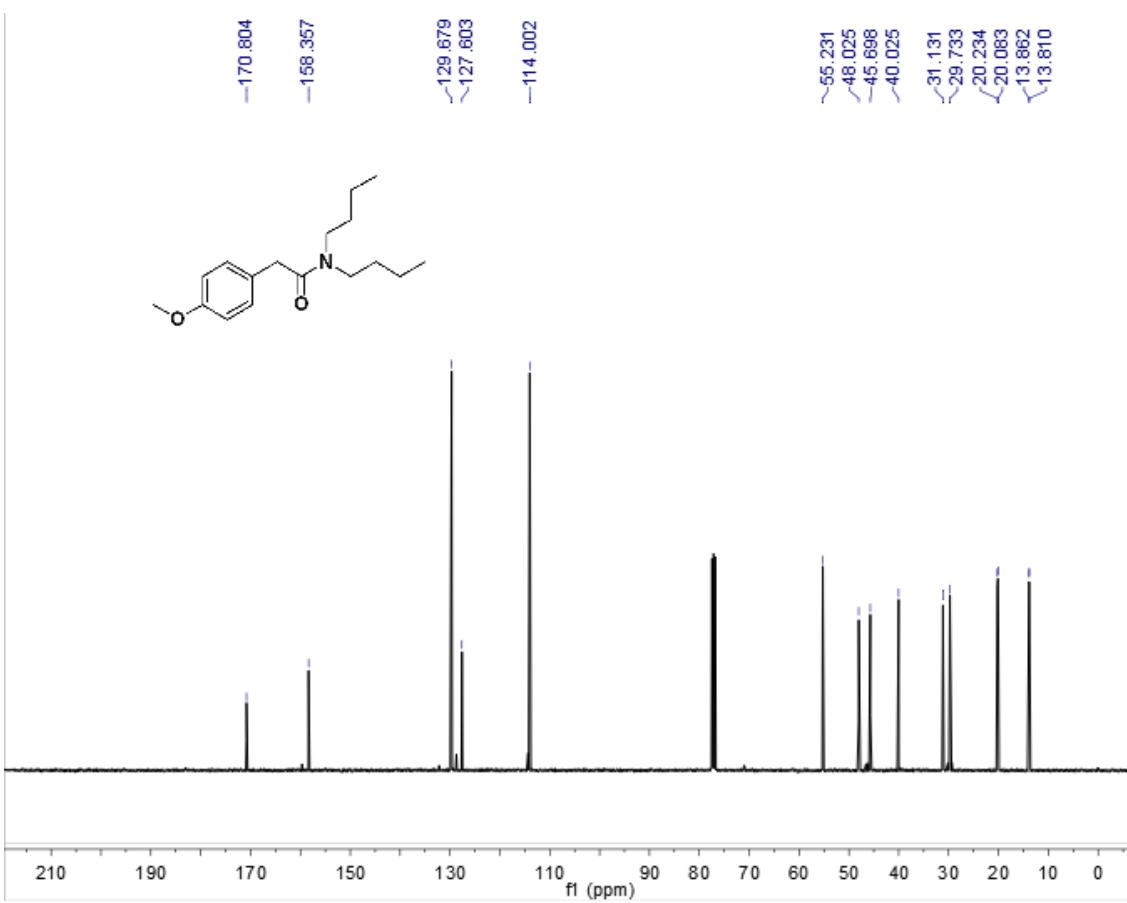
¹³C NMR spectrum of 3af



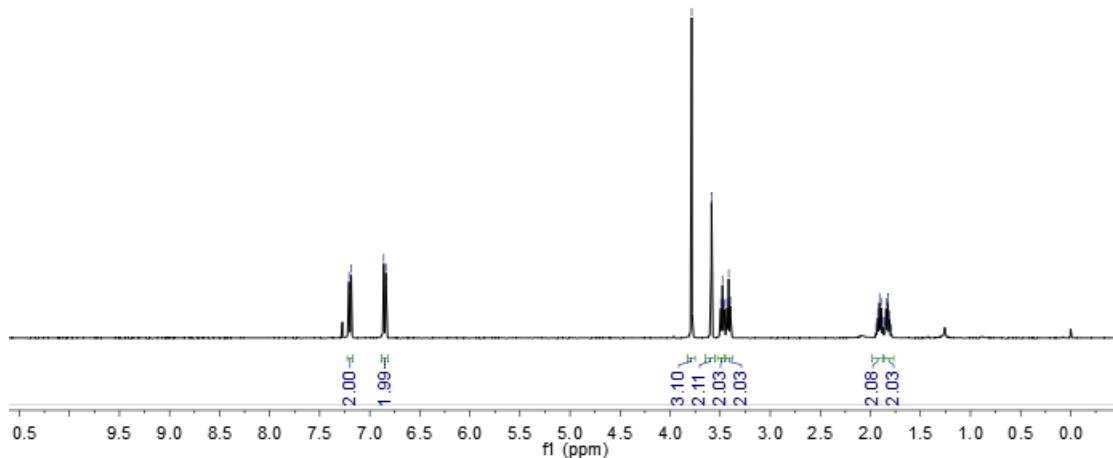
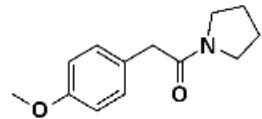
¹H NMR spectrum of 3ag



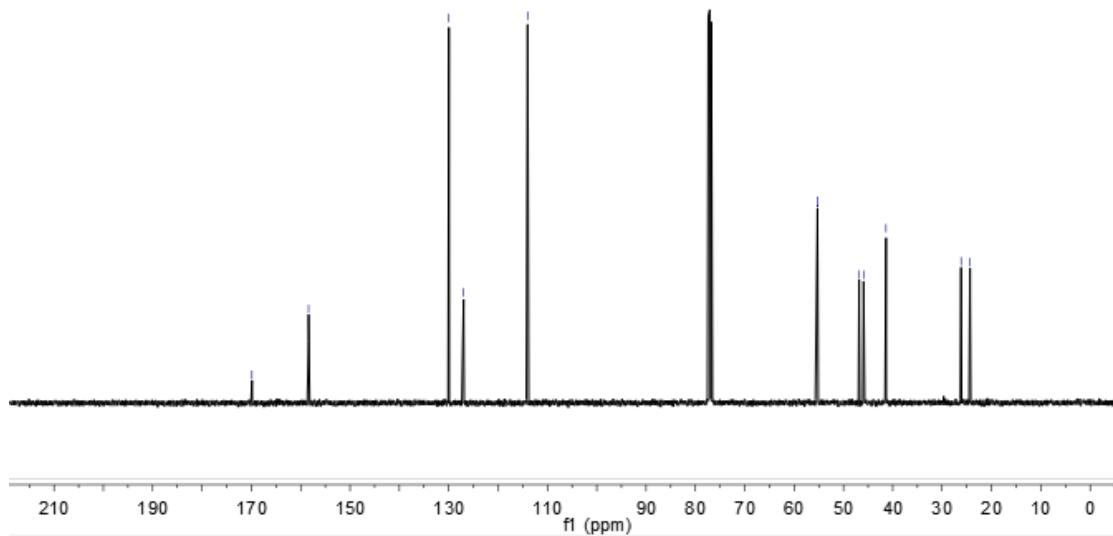
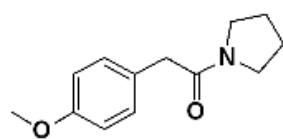
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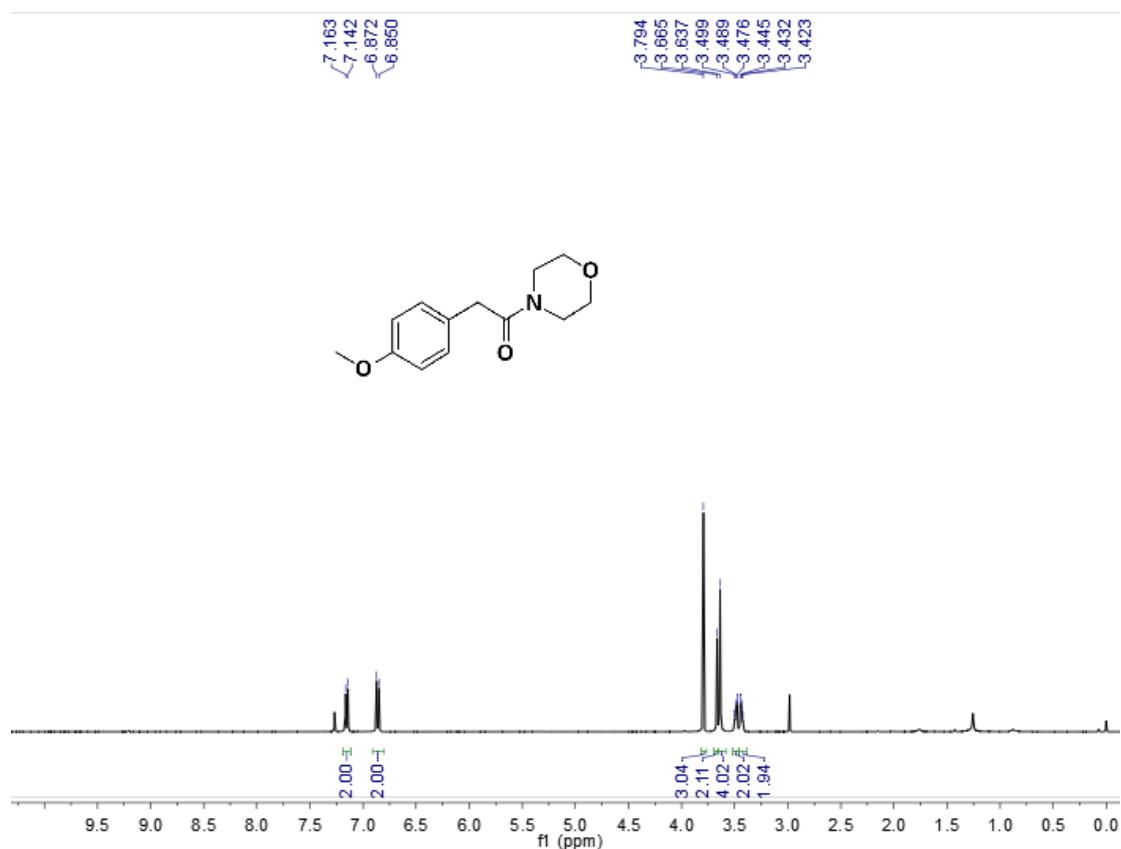
¹H NMR spectrum of 3ah



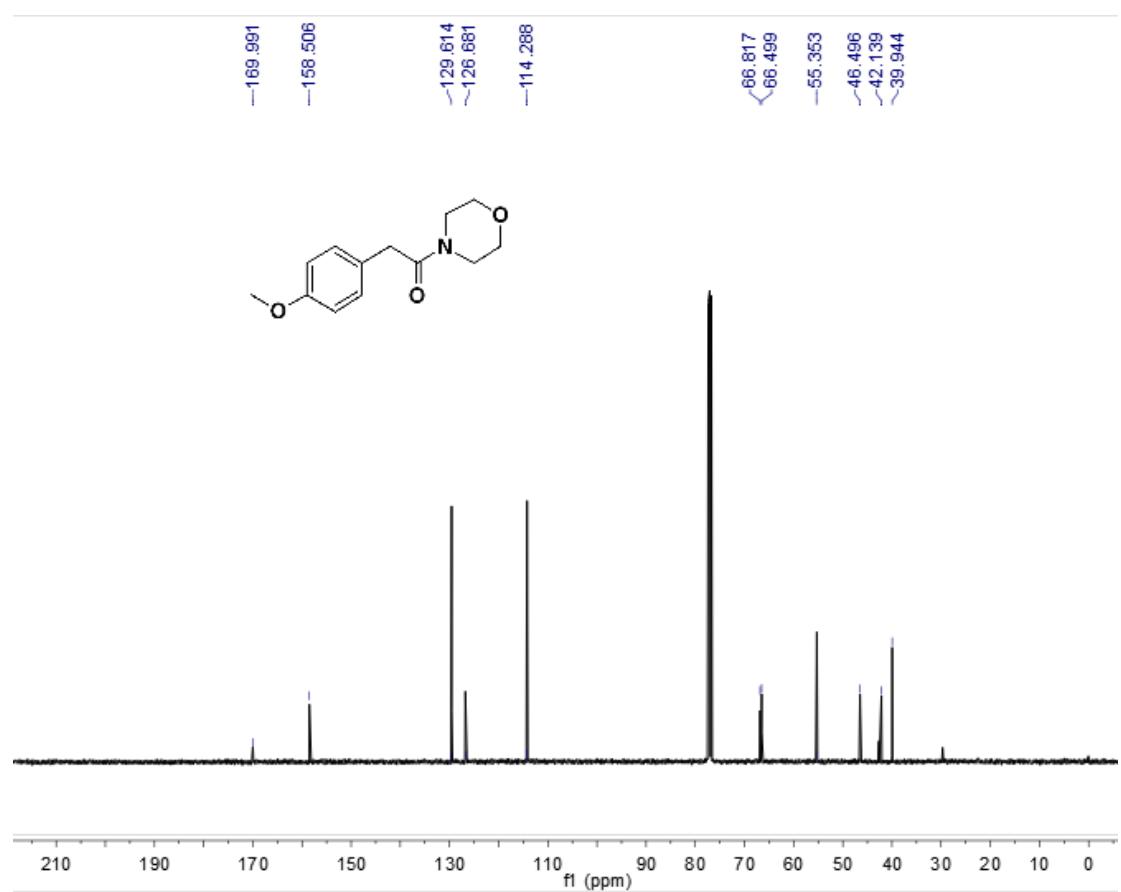
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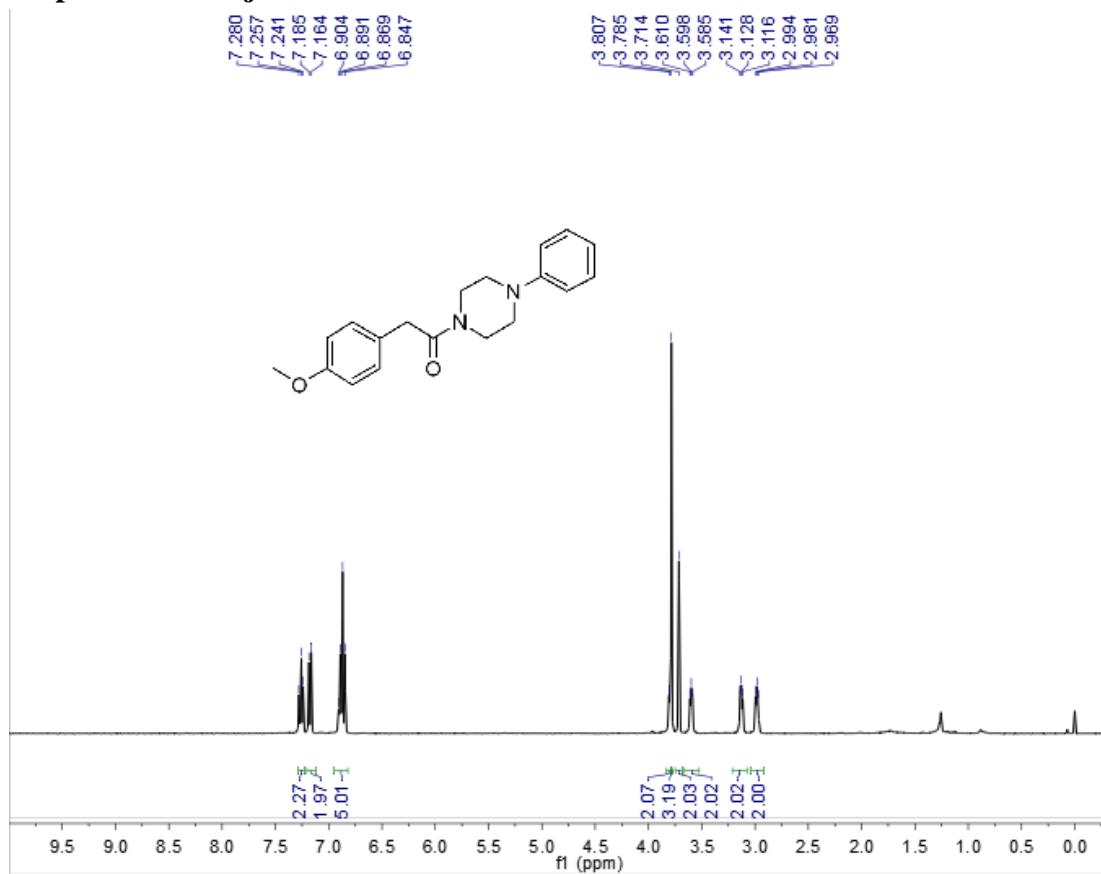
¹H NMR spectrum of 3ai



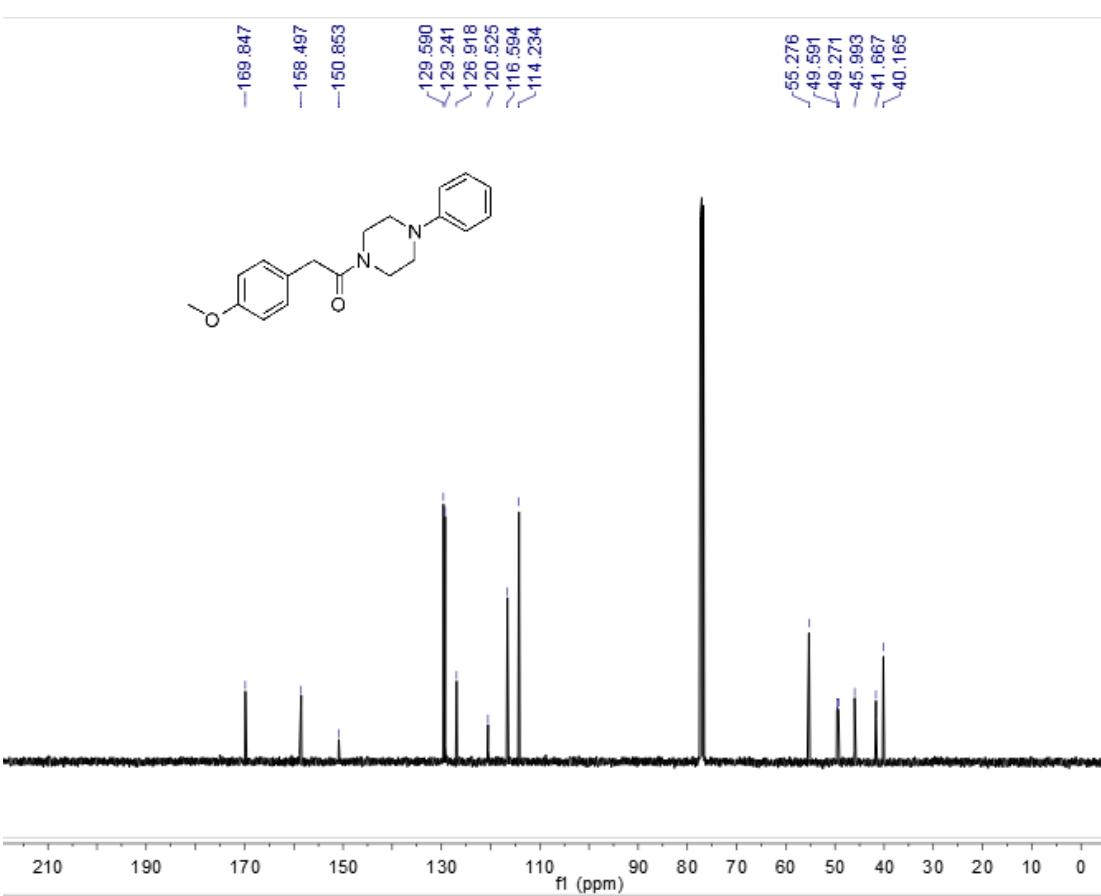
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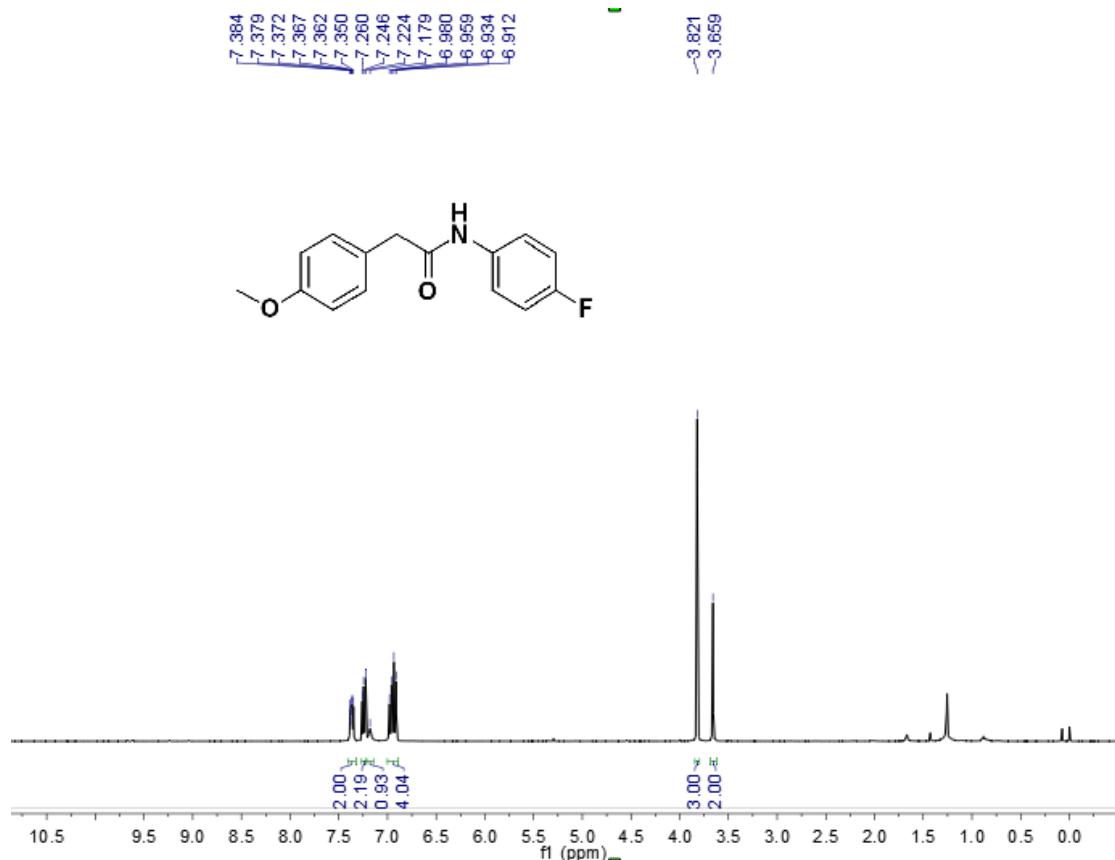
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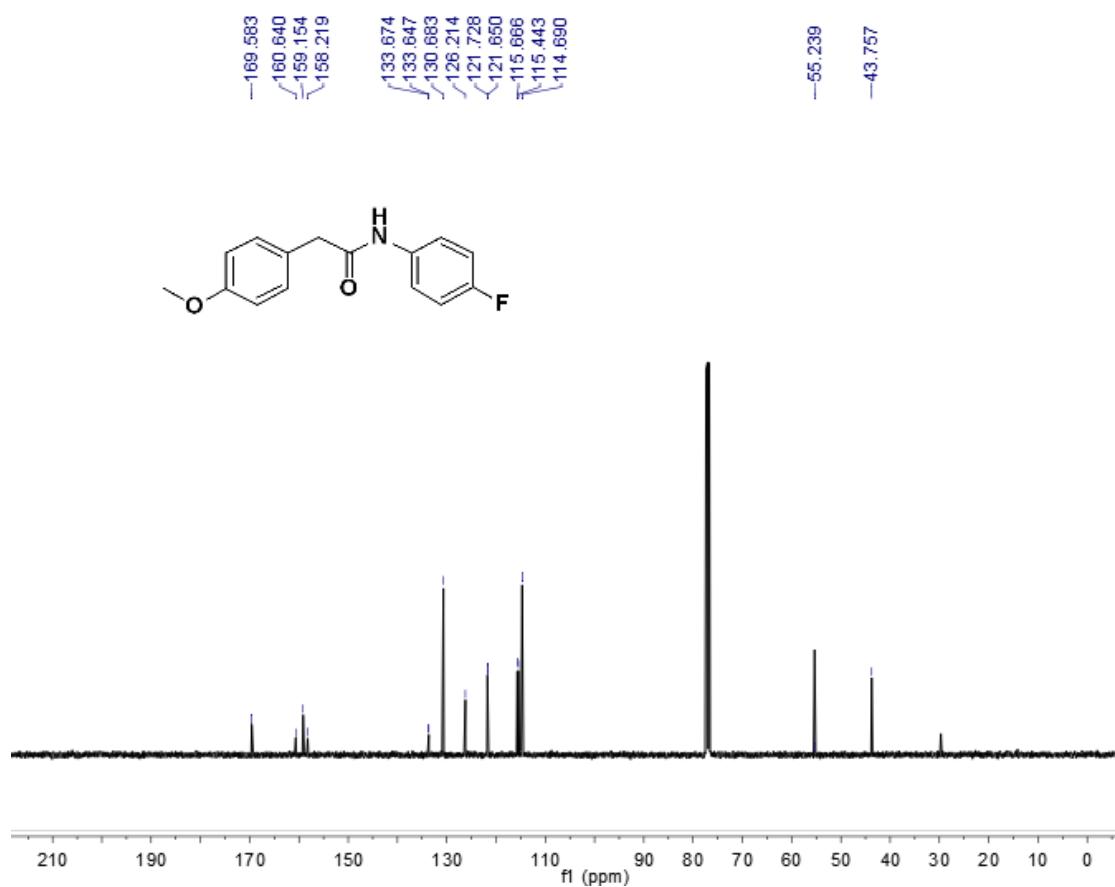
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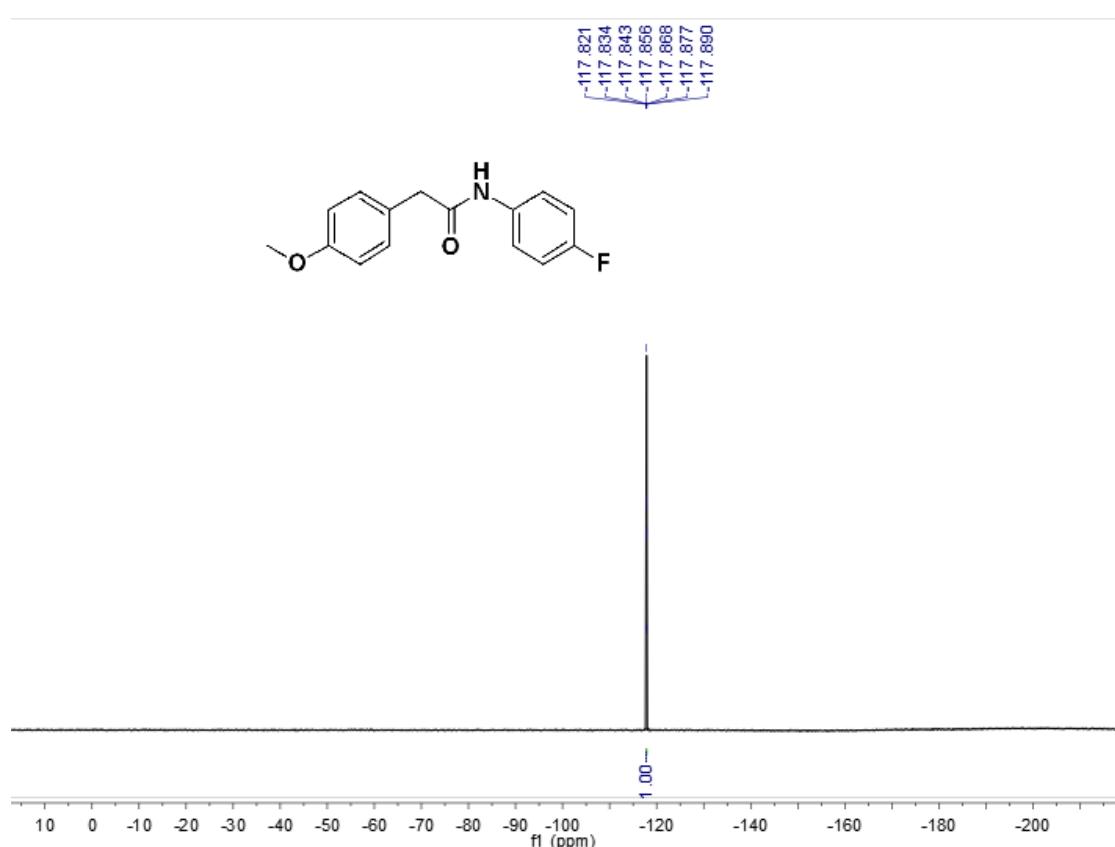
¹H NMR spectrum of 3ak



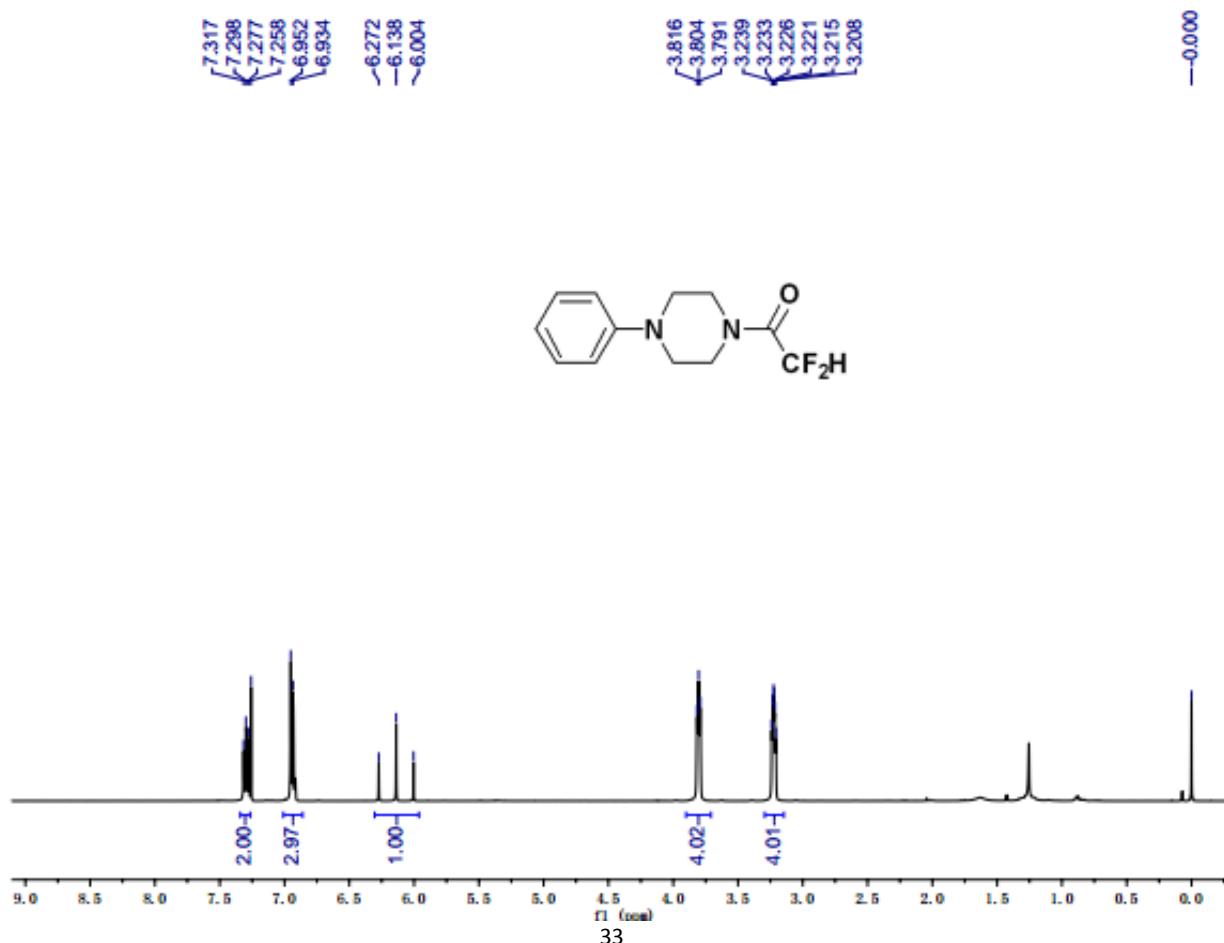
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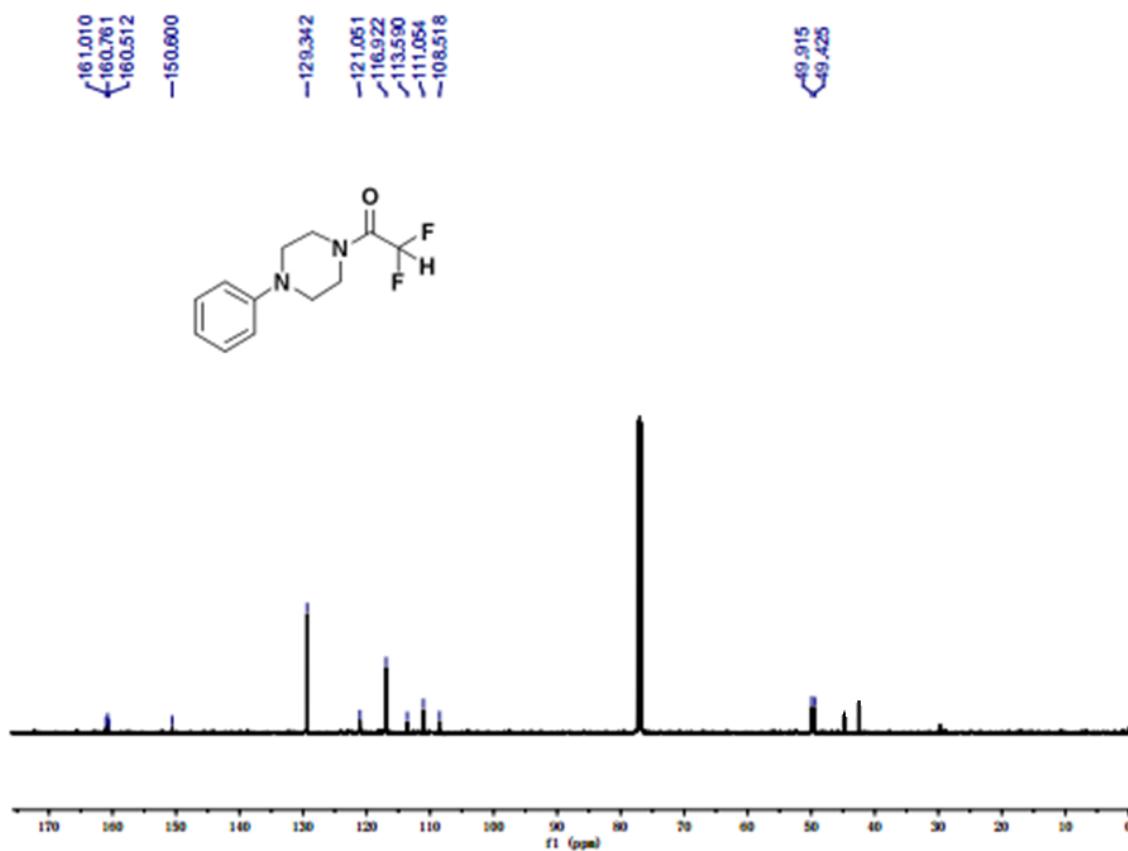
¹⁹F NMR spectrum of 3ak



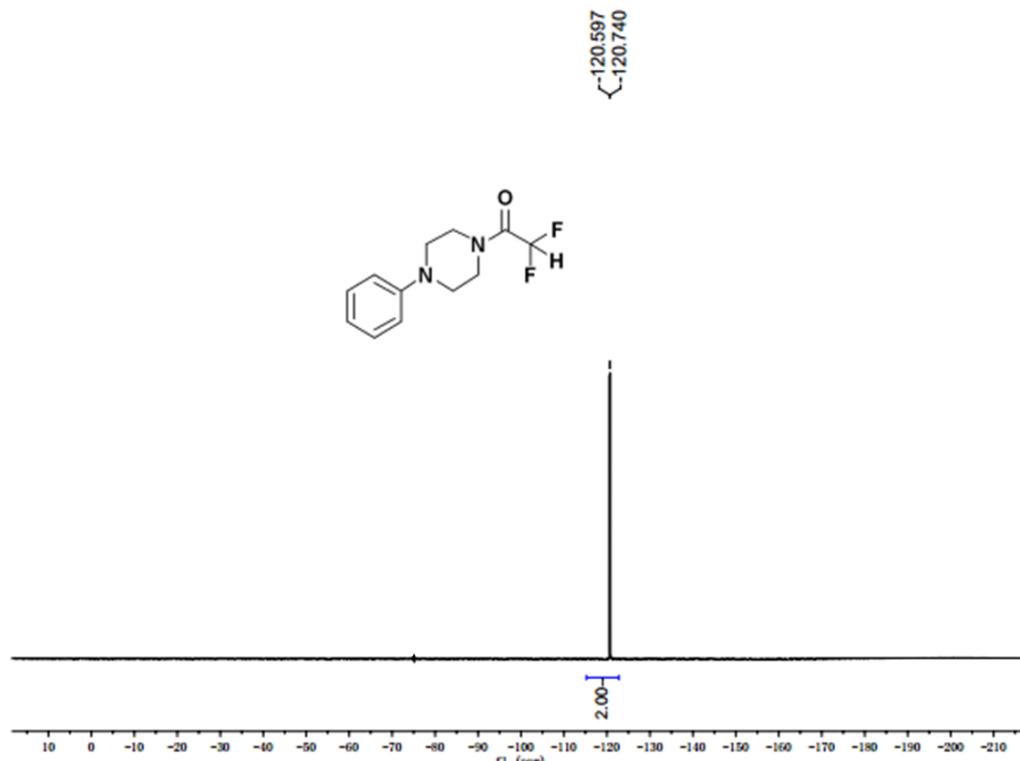
¹H NMR spectrum of 4



¹³C NMR spectrum of 4



¹⁹F NMR spectrum of 4



¹H NMR spectrum of 3fa'

