Electronic Supplementary Information for

Aza-Knoevenagel-type Condensation of Secondary Amides: A Direct Access to N-Monosubstituted β , β -difunctionalized Enamines

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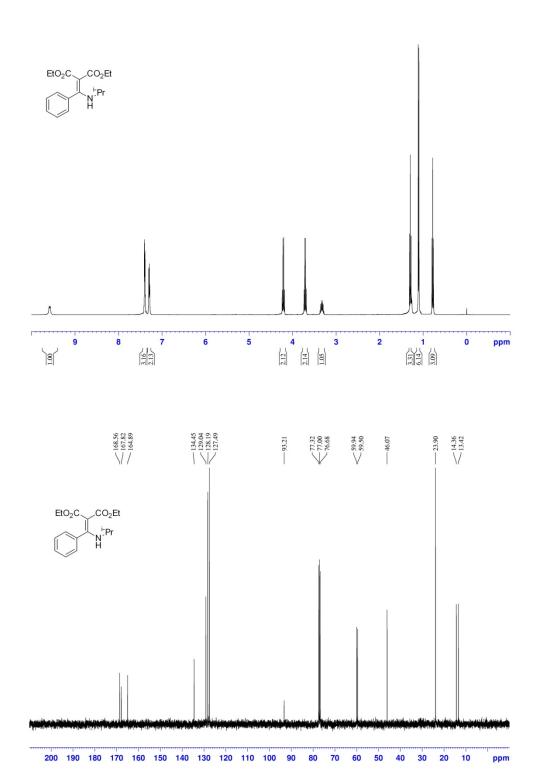
^b State Key Laboratory of Elemento-Organic Chemistry, Nankai University, Tianjin 300071, P. R. China

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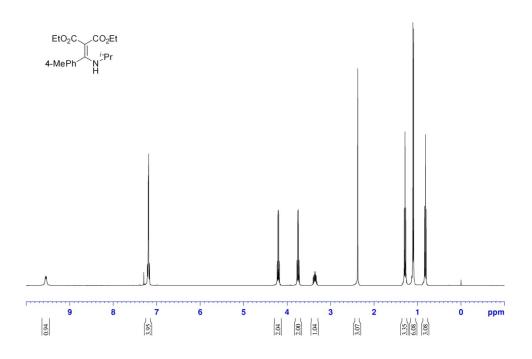
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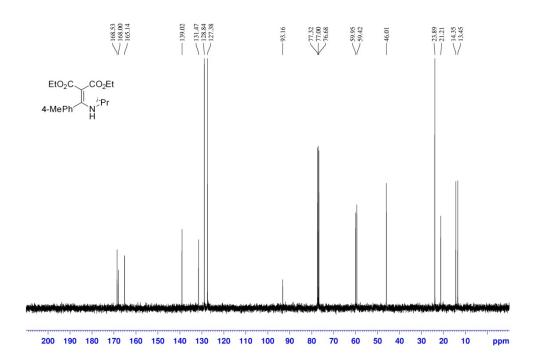
• ¹H and ¹³C NMR spectra of compounds **1a~1z**, **1aa**, **1ab** (pp. 2-29)

¹H and ¹³C NMR spectra of compound **1a**:

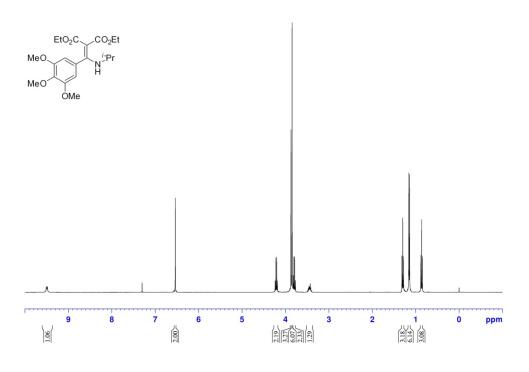


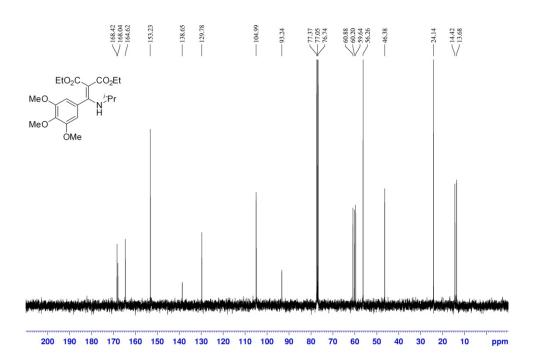
 $^{1}\mbox{H}$ and $^{13}\mbox{C}$ NMR spectra of compound 1b:



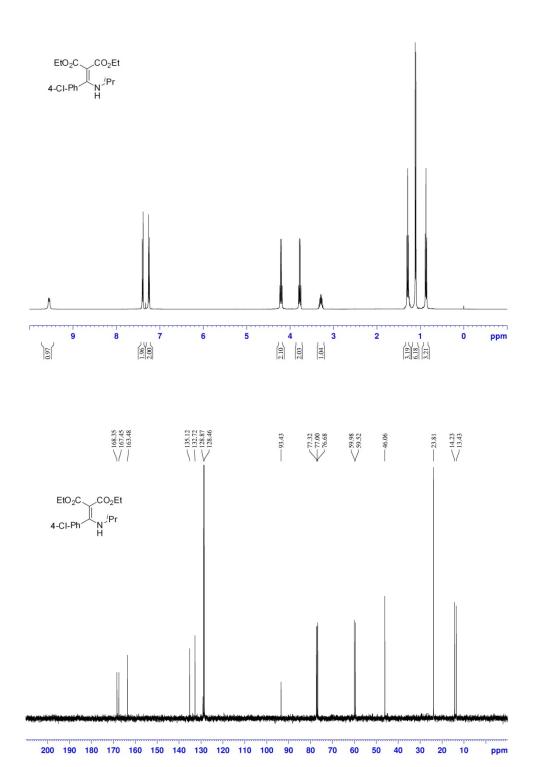


¹H and ¹³C NMR spectra of compound **1c**:

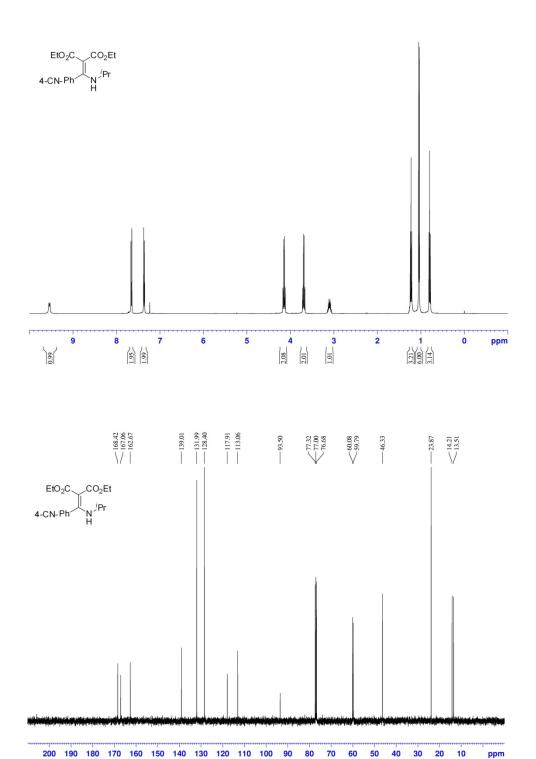




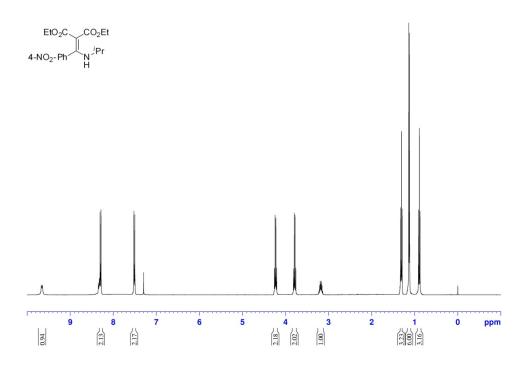
 ^{1}H and ^{13}C NMR spectra of compound 1d:

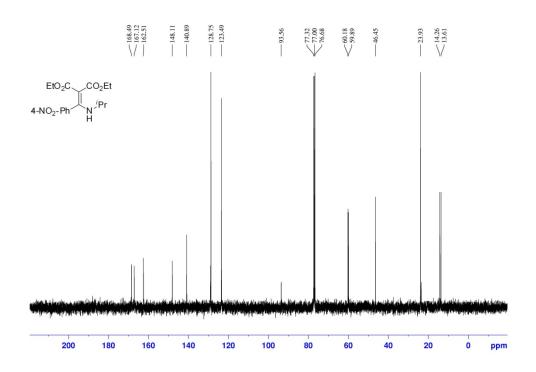


¹H and ¹³C NMR spectra of compound **1e**:

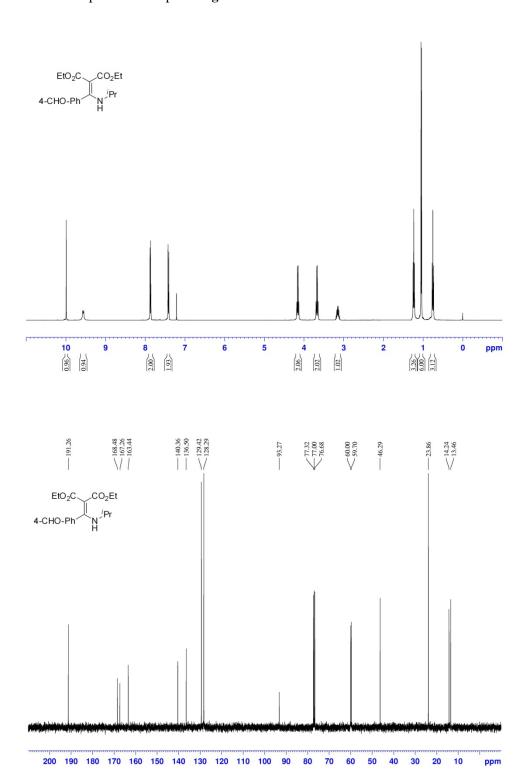


 ^{1}H and ^{13}C NMR spectra of compound 1f:

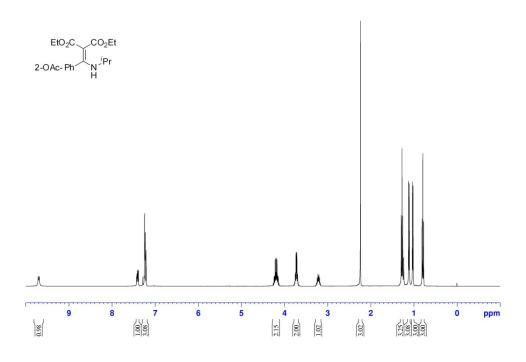


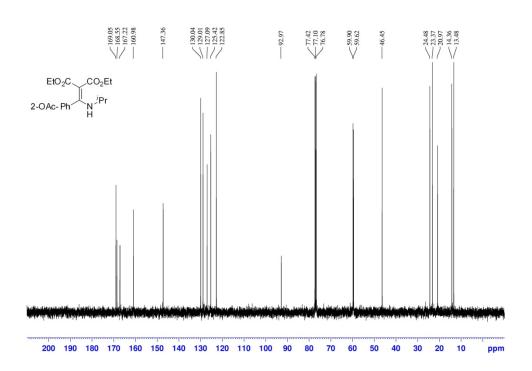


¹H and ¹³C NMR spectra of compound **1g**:

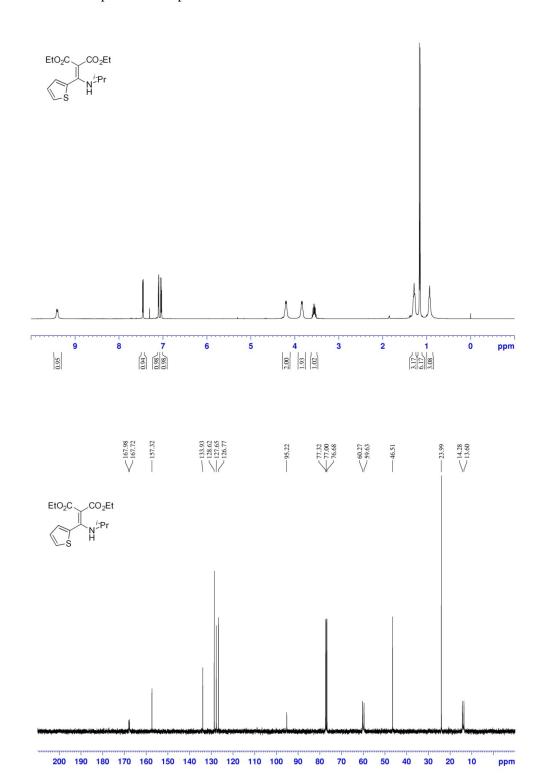


¹H and ¹³C NMR spectra of compound **1h**:

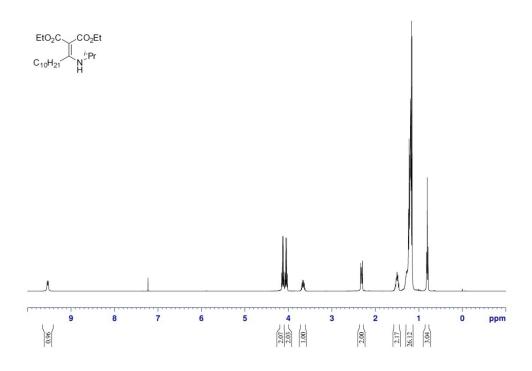


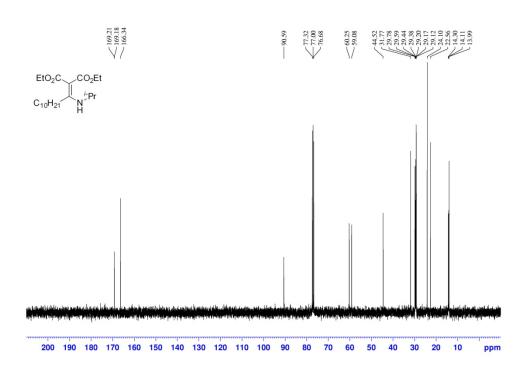


¹H and ¹³C NMR spectra of compound **1i**:

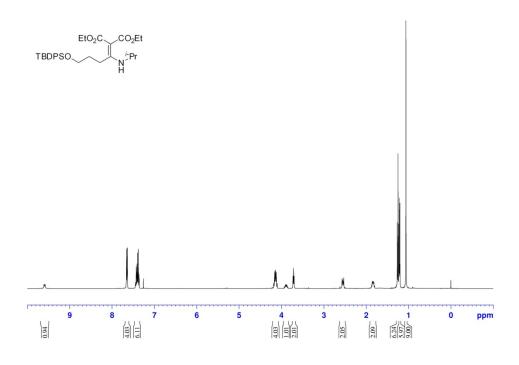


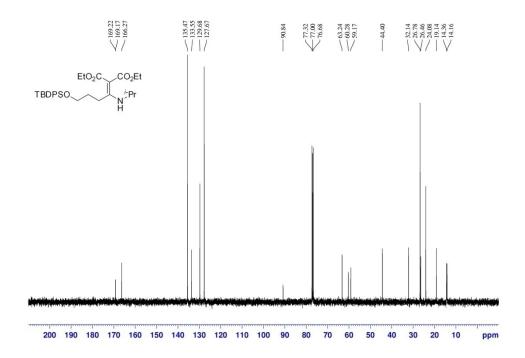
 ^{1}H and ^{13}C NMR spectra of compound 1j:



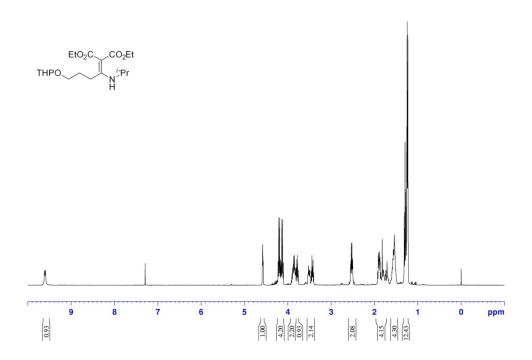


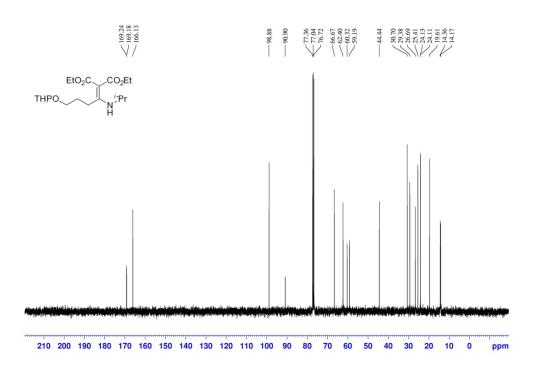
¹H and ¹³C NMR spectra of compound **1k**:



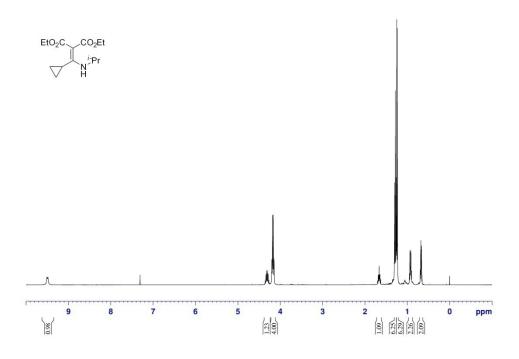


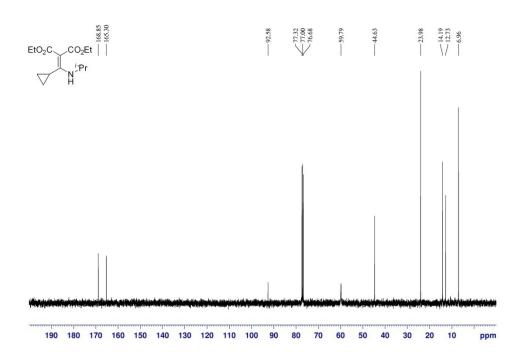
¹H and ¹³C NMR spectra of compound **11**:



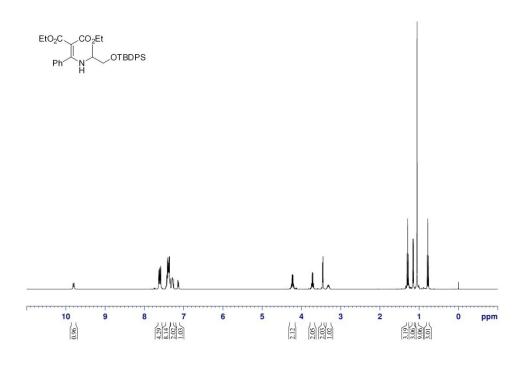


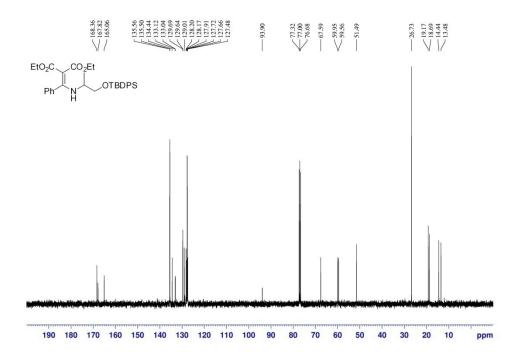
 ^{1}H and ^{13}C NMR spectra of compound 1m:





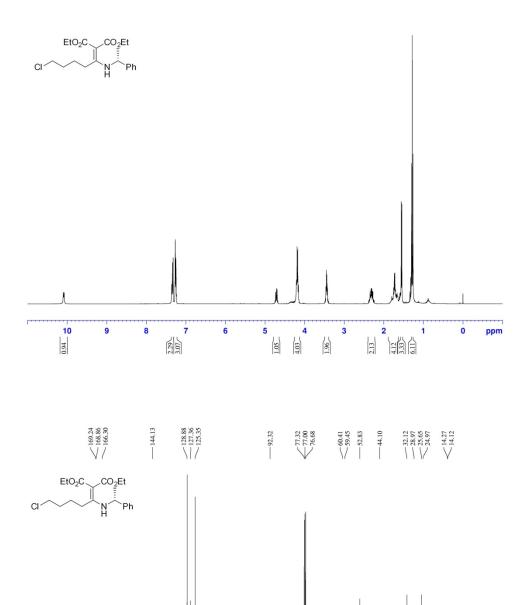
¹H and ¹³C NMR spectra of compound **1n**:



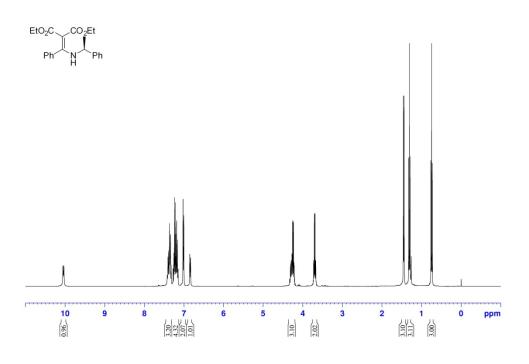


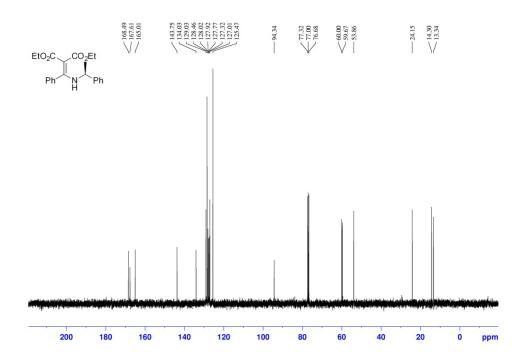
¹H and ¹³C NMR spectra of compound **10**:

190 180 170 160 150 140 130 120 110 100

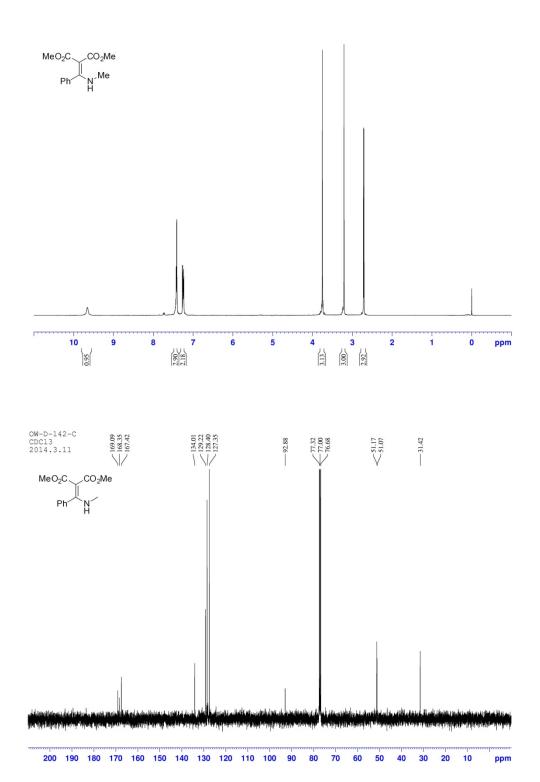


 ^{1}H and ^{13}C NMR spectra of compound 1p:

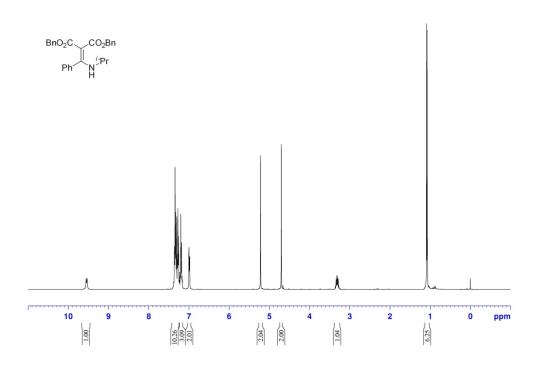


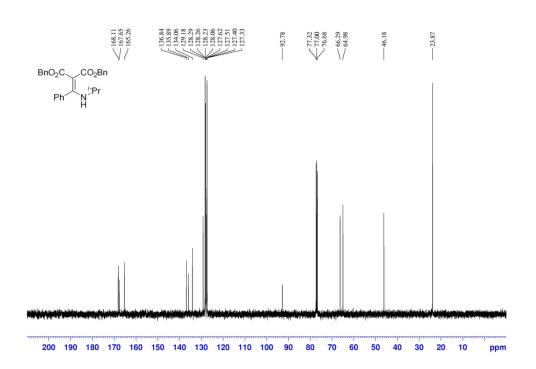


¹H and ¹³C NMR spectra of compound **1q**:

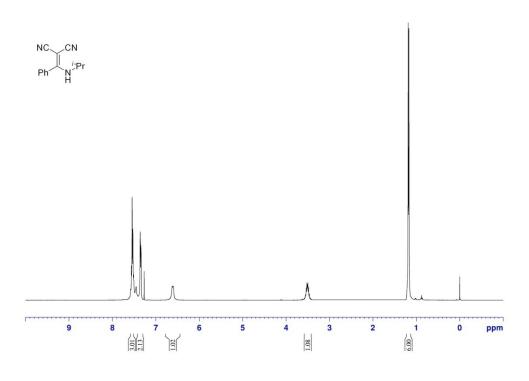


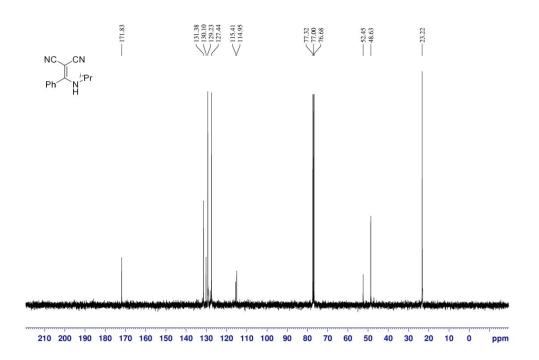
 ^{1}H and ^{13}C NMR spectra of compound 1s:



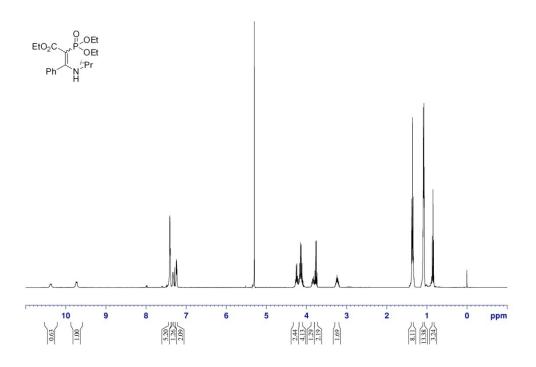


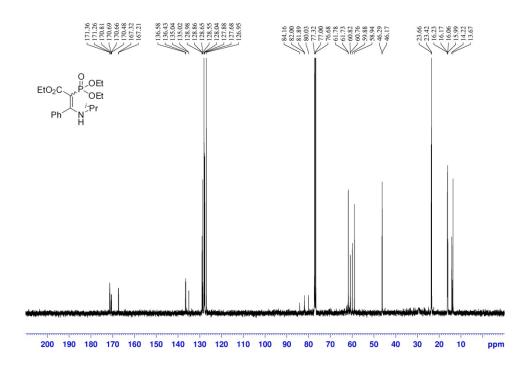
 ^{1}H and ^{13}C NMR spectra of compound 1t:



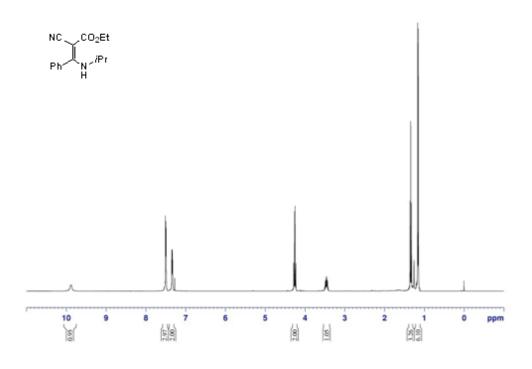


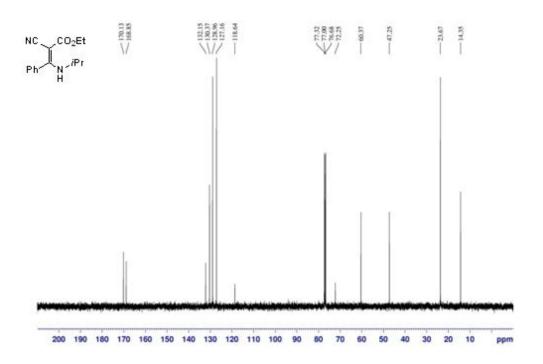
¹H and ¹³C NMR spectra of compound **1u**:



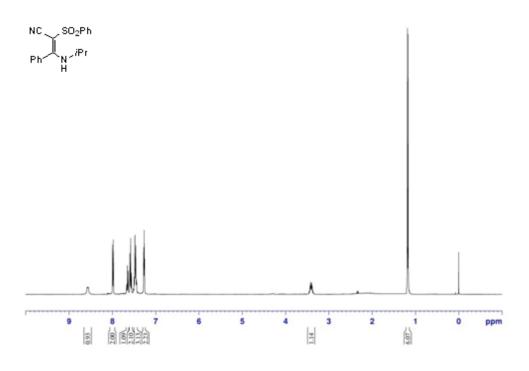


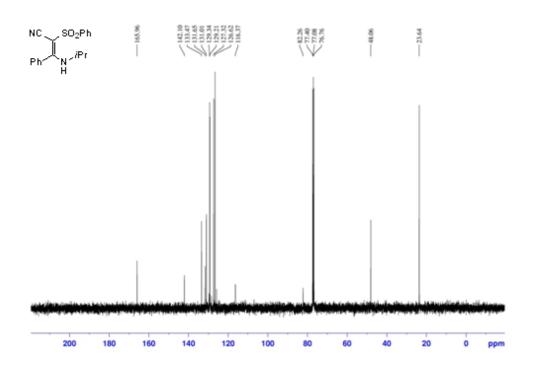
 ^{1}H and ^{13}C NMR spectra of compound 1v:



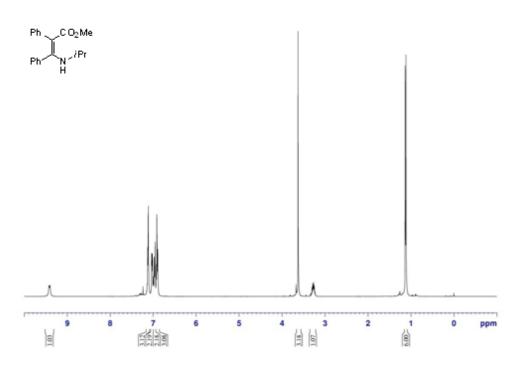


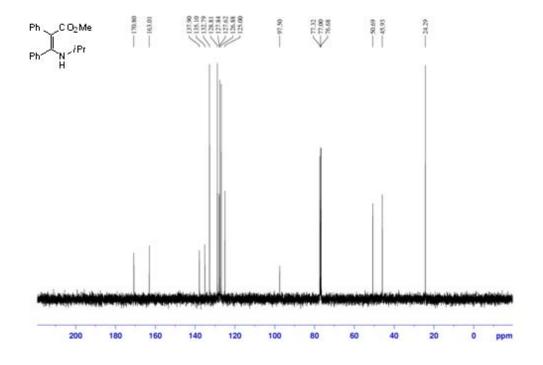
 ^{1}H and ^{13}C NMR spectra of compound 1w:



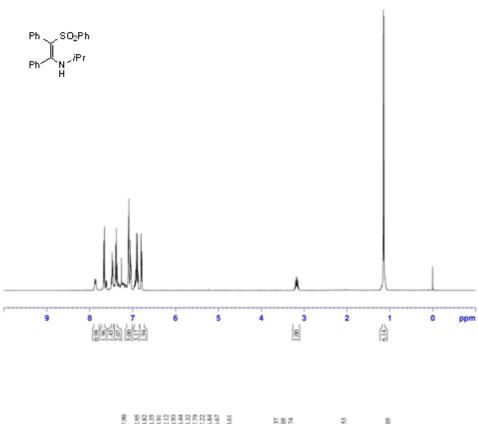


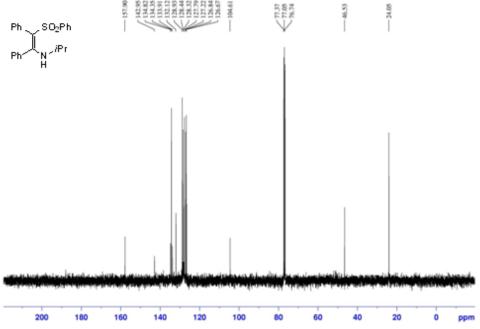
 ^{1}H and ^{13}C NMR spectra of compound 1x:



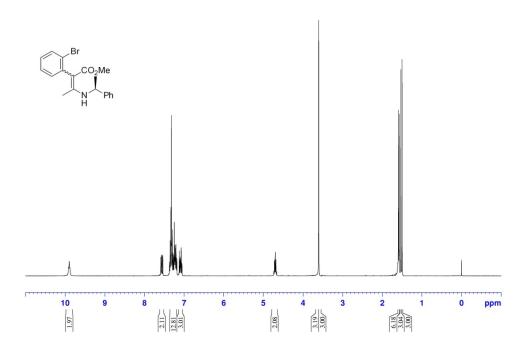


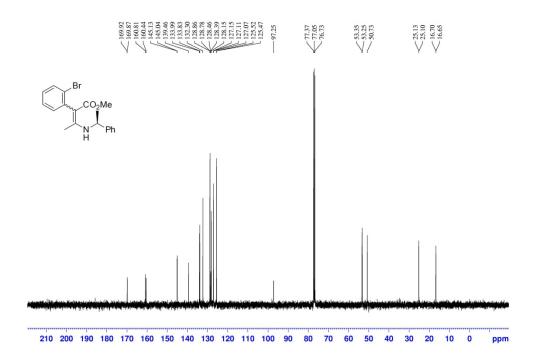
 ^{1}H and ^{13}C NMR spectra of compound 1y:



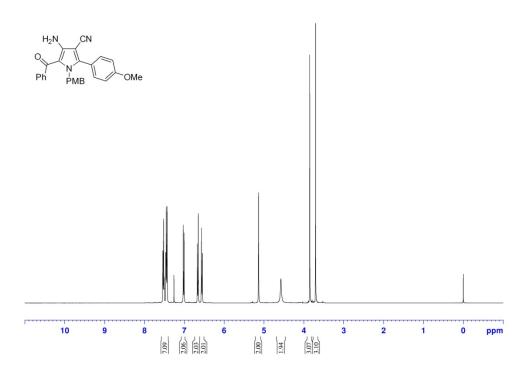


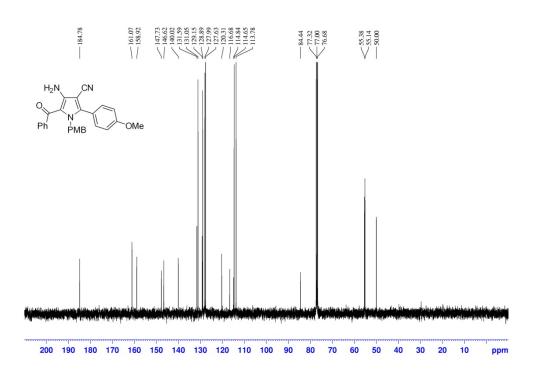
 ^{1}H and ^{13}C NMR spectra of compound 1z:





¹H and ¹³C NMR spectra of compound **14**:





 ^{1}H and ^{13}C NMR spectra of compound **1ab**:

