

SUPPORTING INFORMATION

Fischer indolisation of *N*-(α -ketoacyl)anthranilic acids into 2-(indol-2-carboxamido)benzoic acids and 2-indolyl-3,1-benzoxazin-4-ones and their NMR study

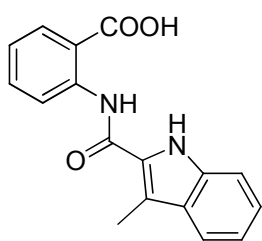
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and Janez Košmrlj^{b,*}

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¹H and ¹³C NMR spectra for compounds:

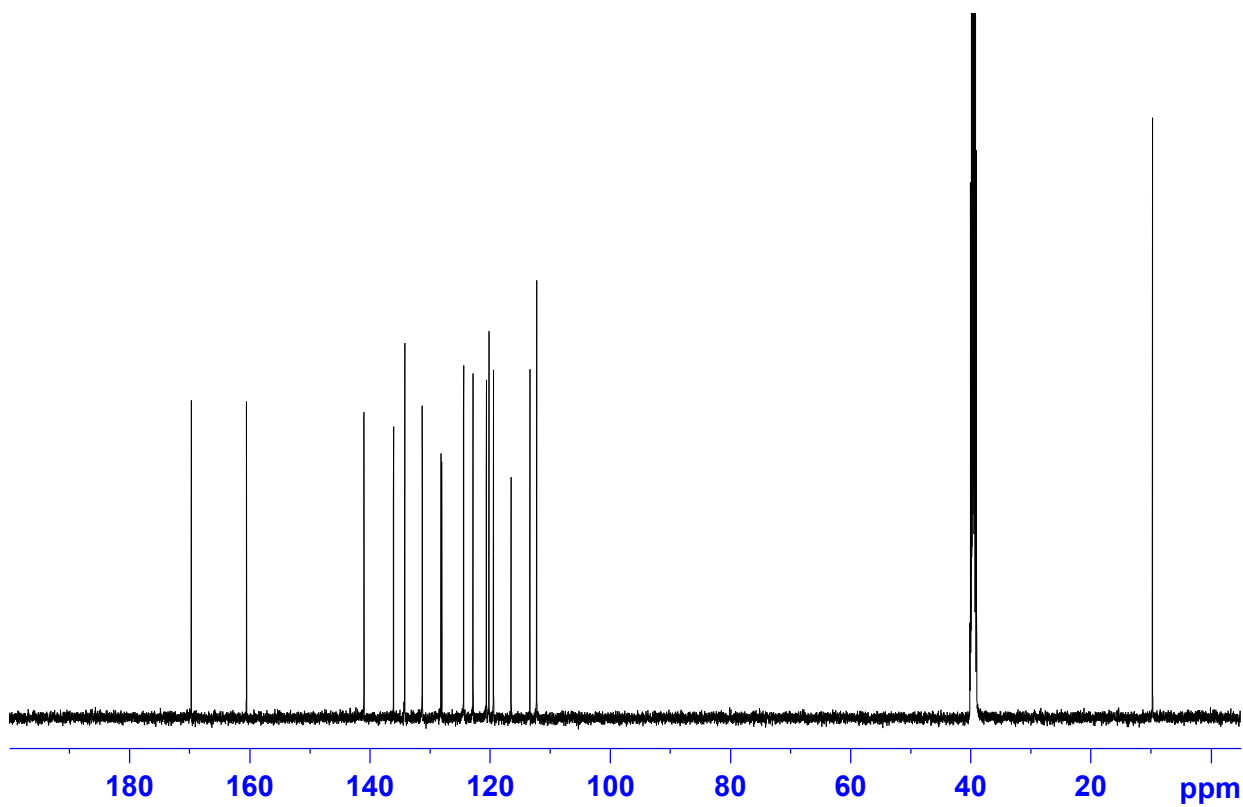
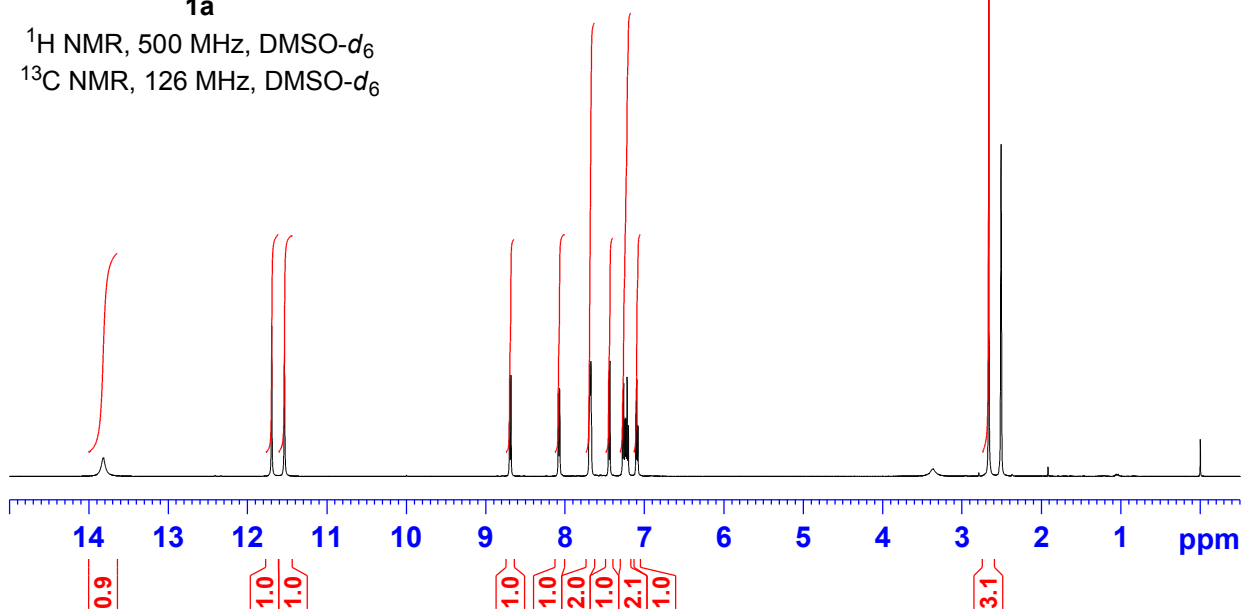
1a–d,f–m	S2–S13
3a, 3c AcOH, 3d	S14–S16
4b–d,f,g,i–k,m	S17–S25
5b,f	S26–S27
6f	S28

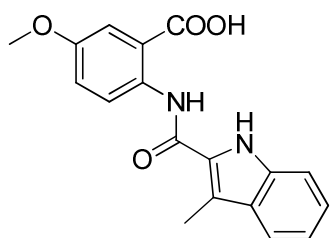


1a

^1H NMR, 500 MHz, $\text{DMSO}-d_6$

^{13}C NMR, 126 MHz, $\text{DMSO}-d_6$

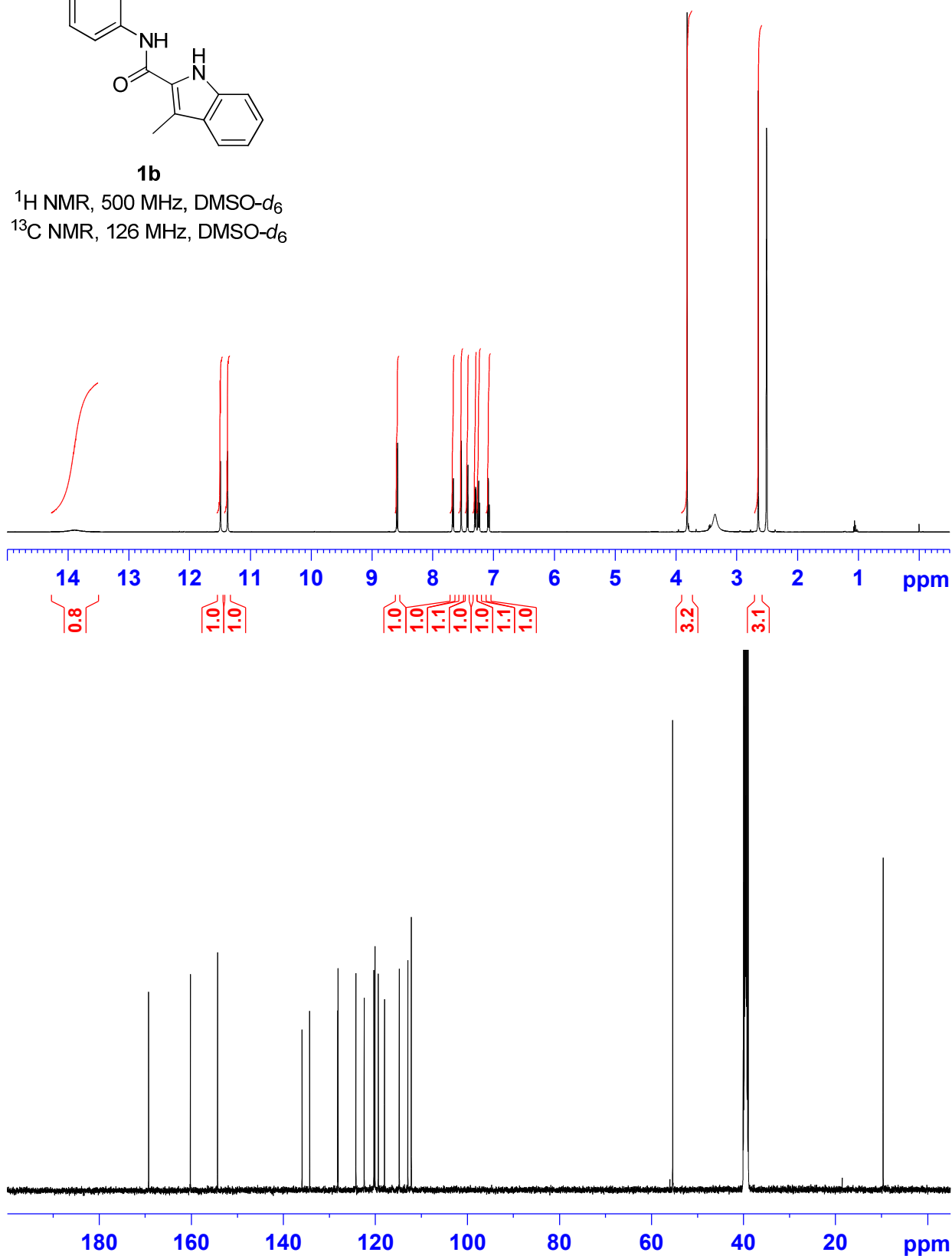


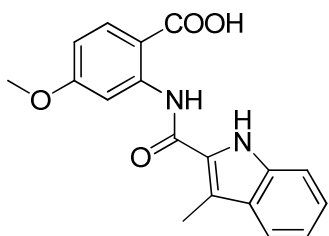


1b

^1H NMR, 500 MHz, $\text{DMSO-}d_6$

^{13}C NMR, 126 MHz, $\text{DMSO-}d_6$

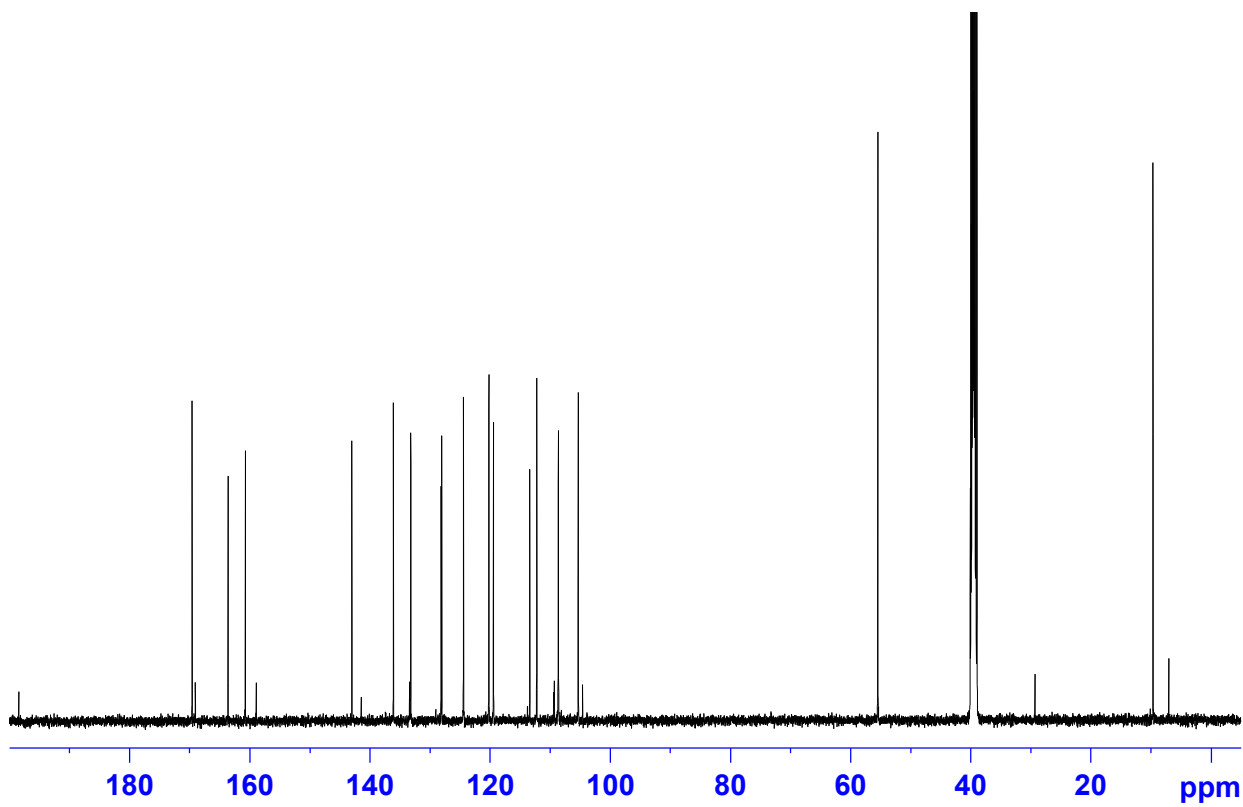
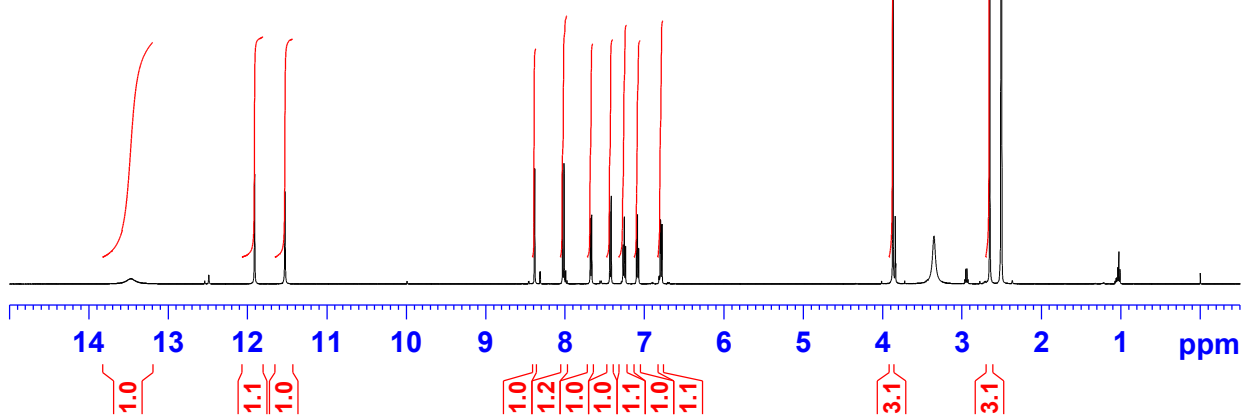


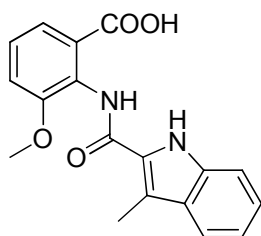


1c

^1H NMR, 500 MHz, $\text{DMSO-}d_6$

^{13}C NMR, 126 MHz, $\text{DMSO-}d_6$

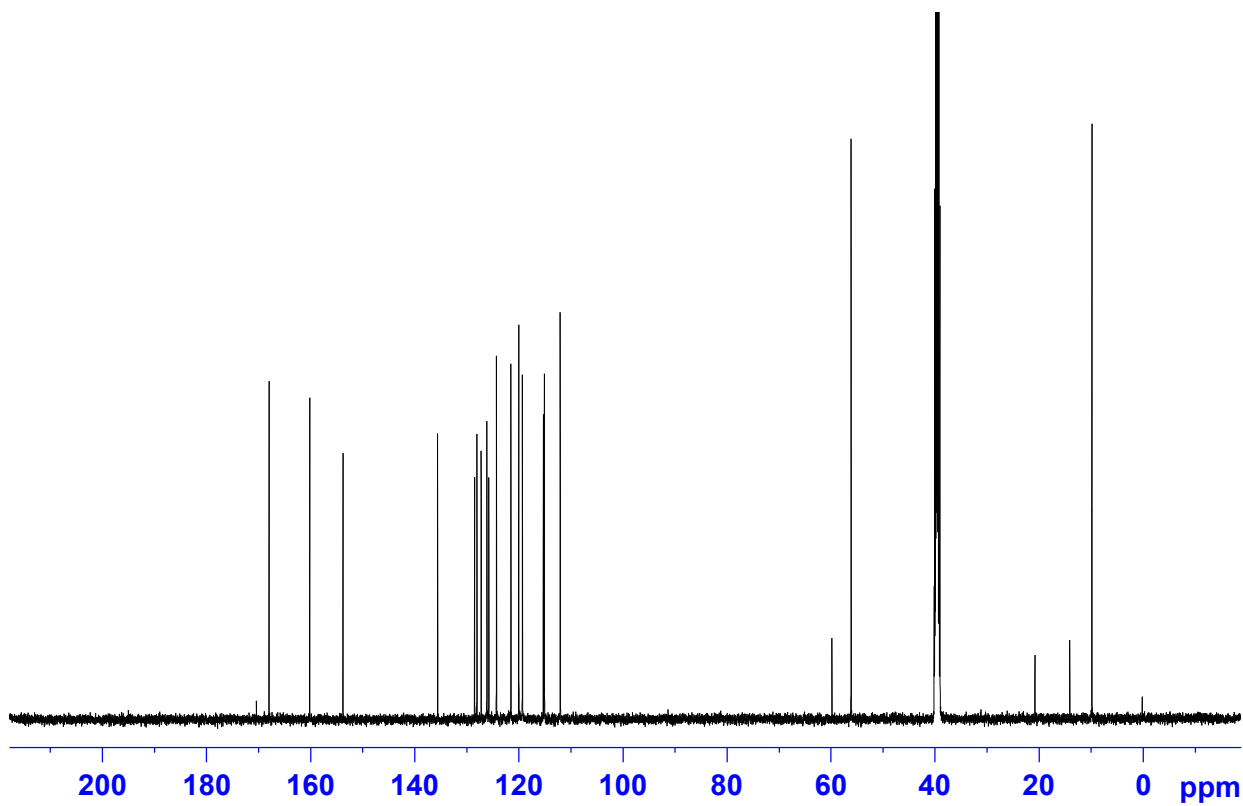
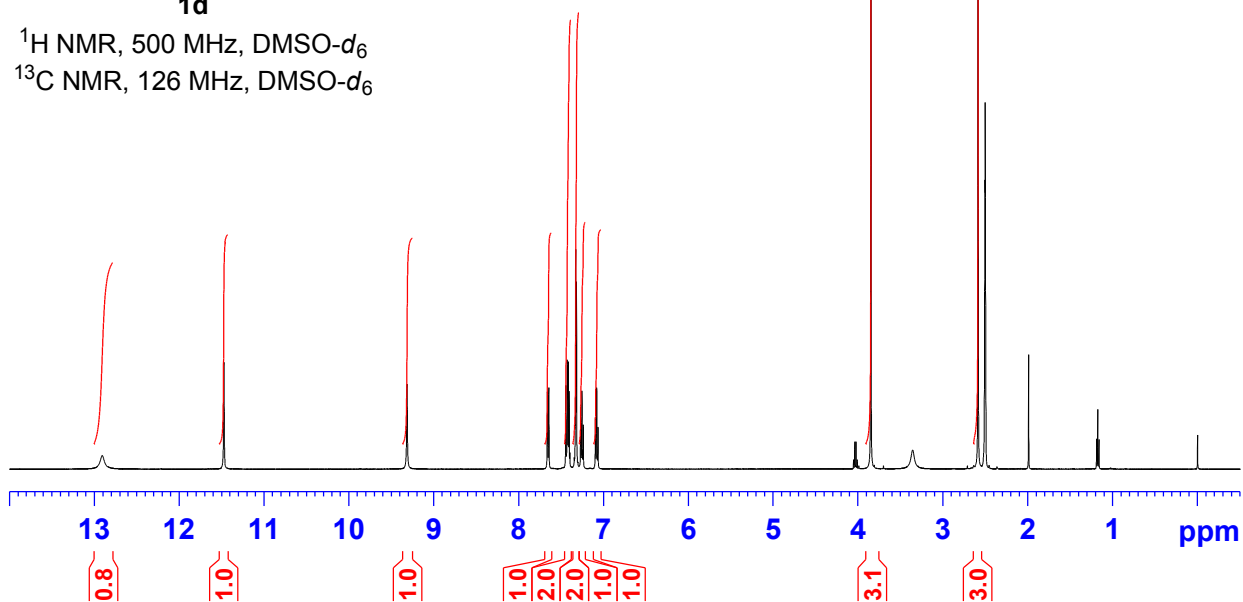


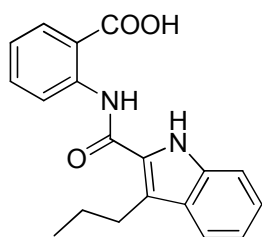


1d

^1H NMR, 500 MHz, DMSO- d_6

^{13}C NMR, 126 MHz, DMSO- d_6

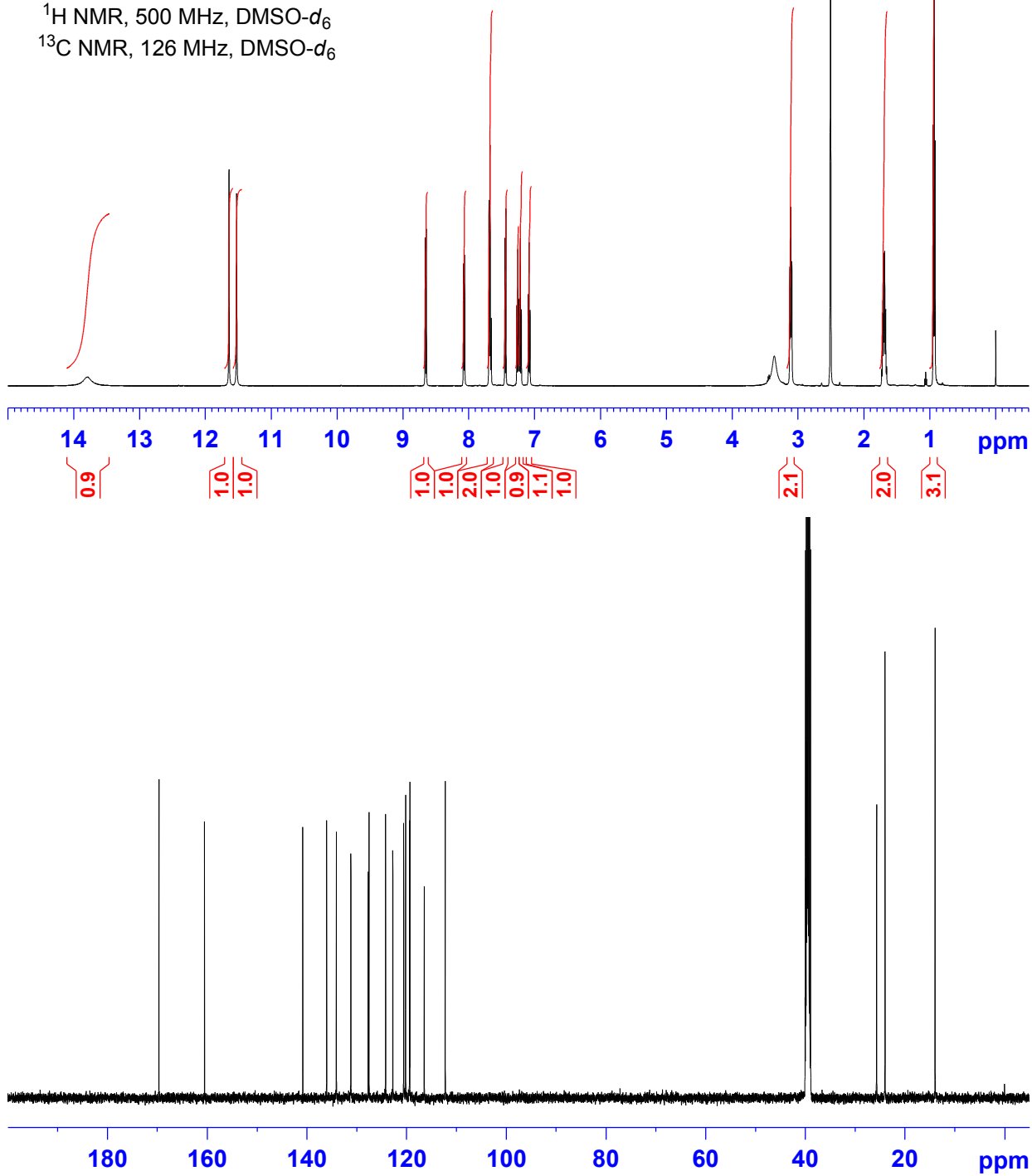


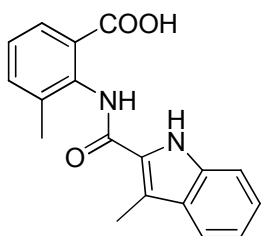


1f

^1H NMR, 500 MHz, $\text{DMSO-}d_6$

^{13}C NMR, 126 MHz, $\text{DMSO-}d_6$

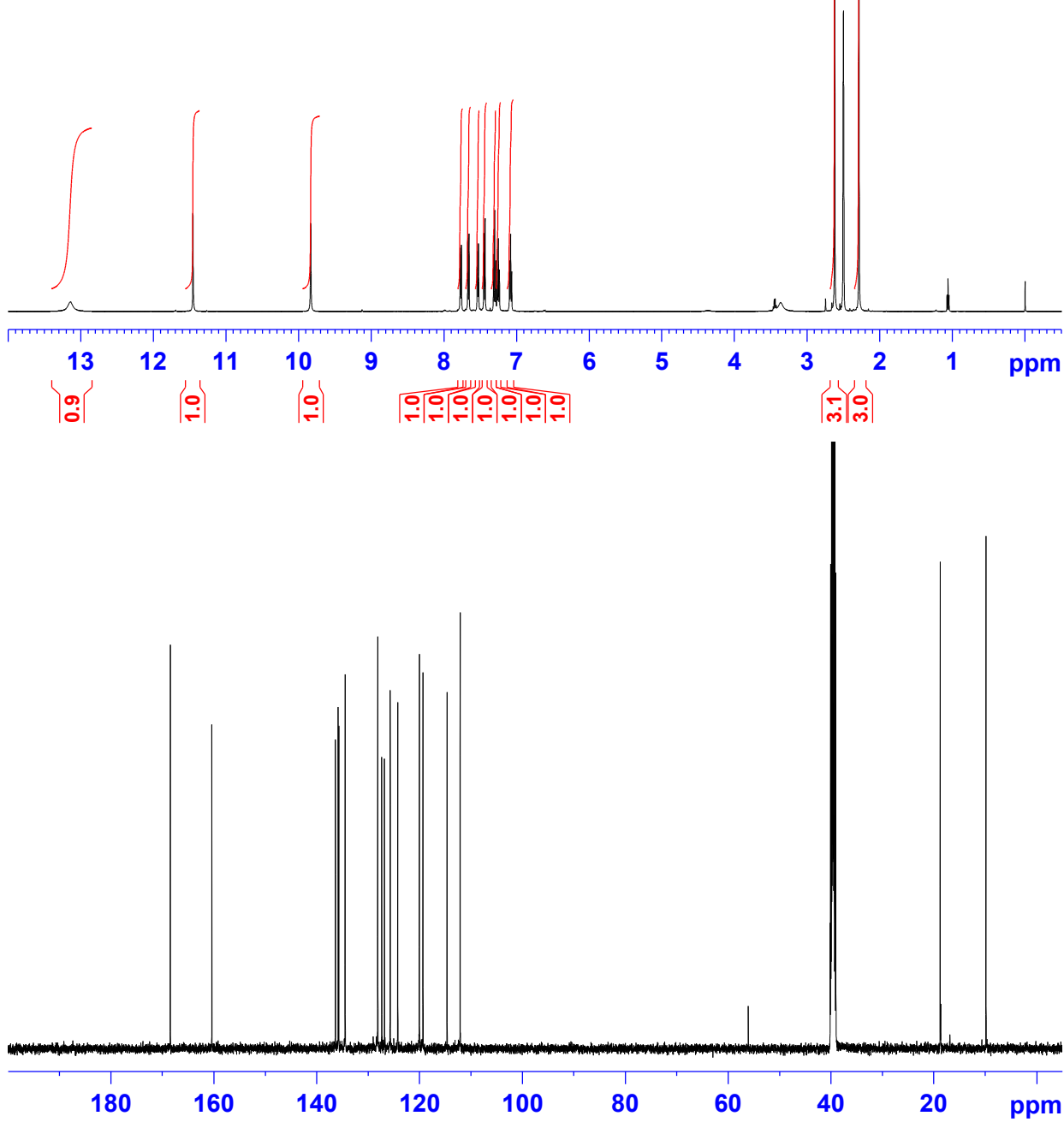


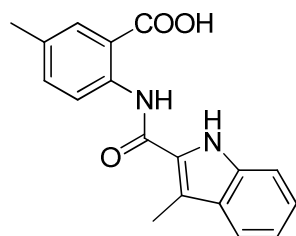


1g

^1H NMR, 500 MHz, $\text{DMSO-}d_6$

^{13}C NMR, 126 MHz, $\text{DMSO-}d_6$

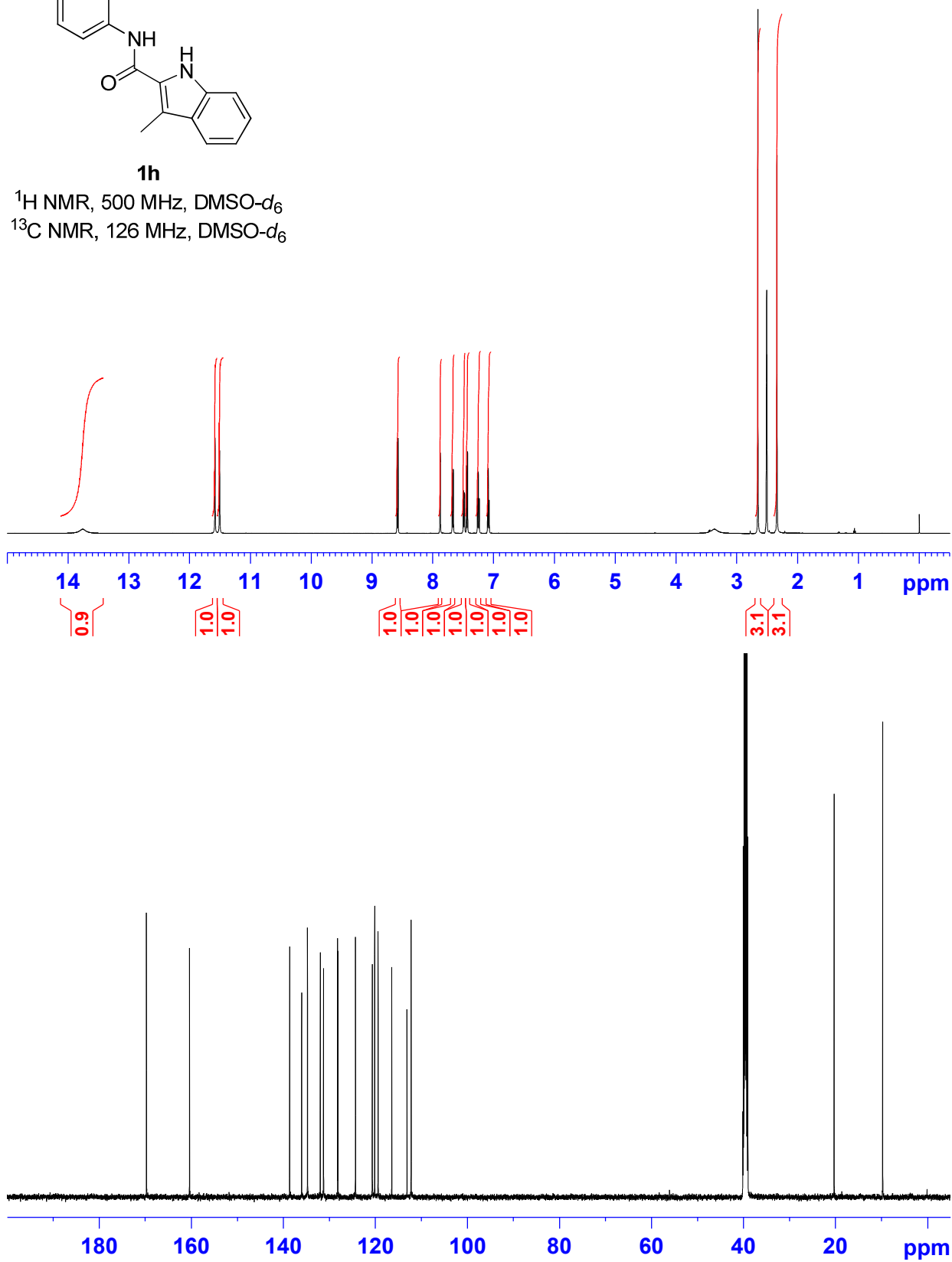


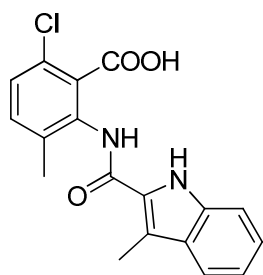


1h

^1H NMR, 500 MHz, $\text{DMSO-}d_6$

^{13}C NMR, 126 MHz, $\text{DMSO-}d_6$

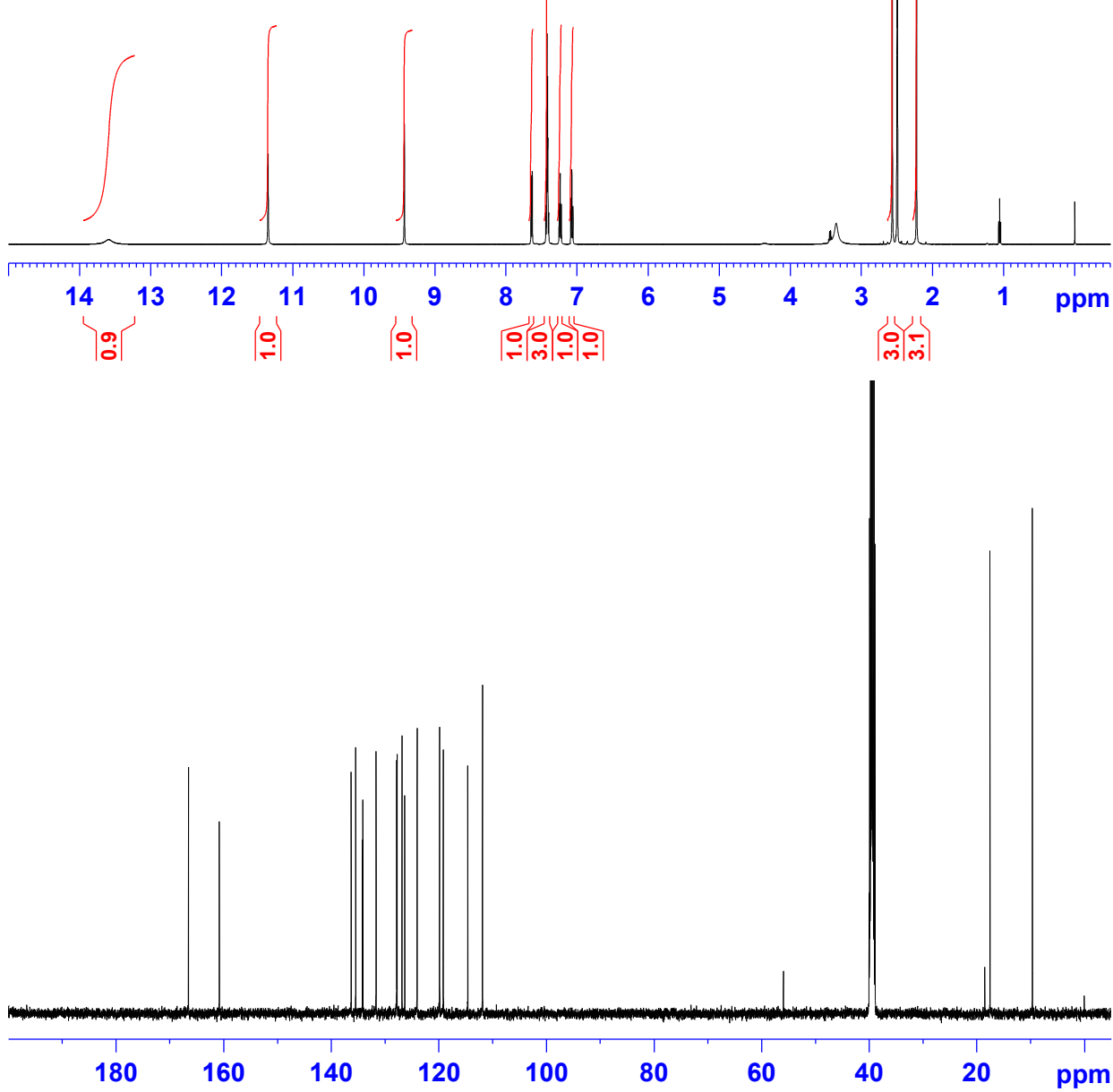


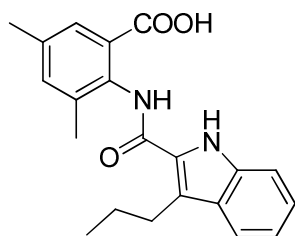


1i

^1H NMR, 500 MHz, $\text{DMSO}-d_6$

^{13}C NMR, 126 MHz, $\text{DMSO}-d_6$

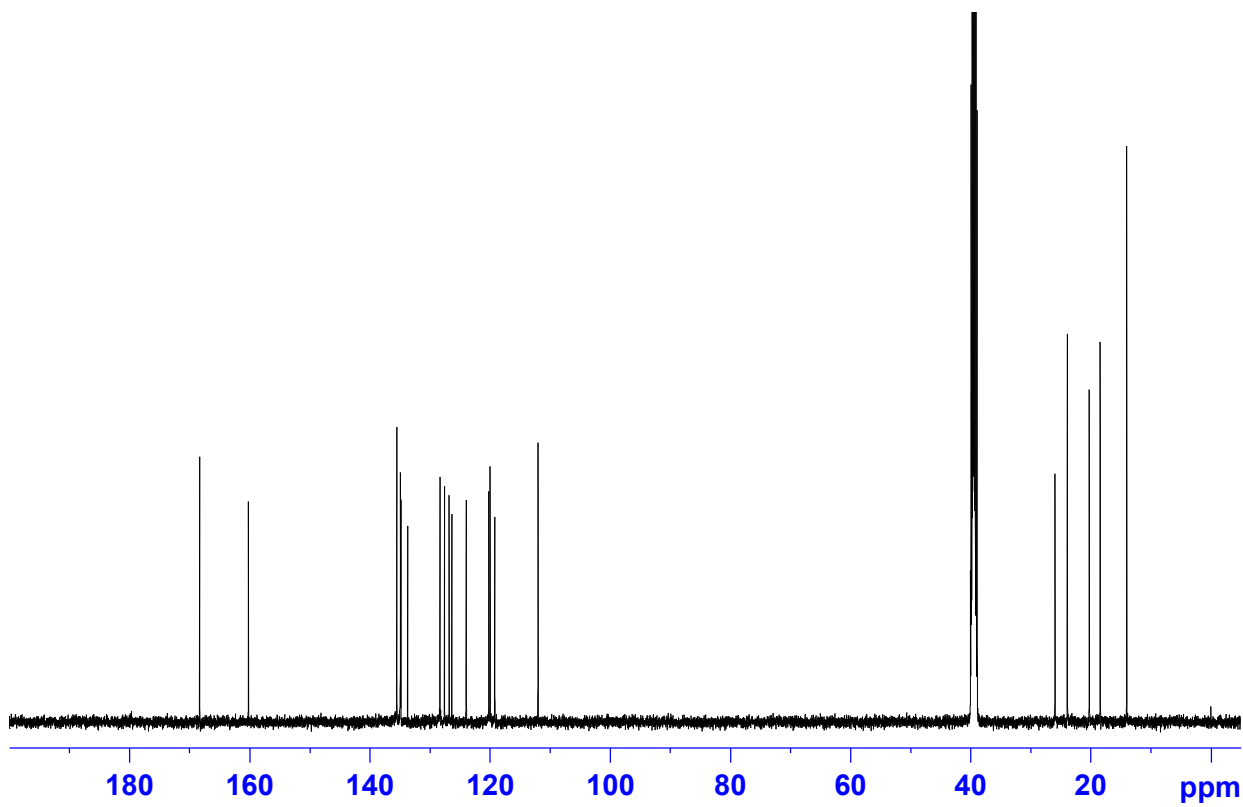
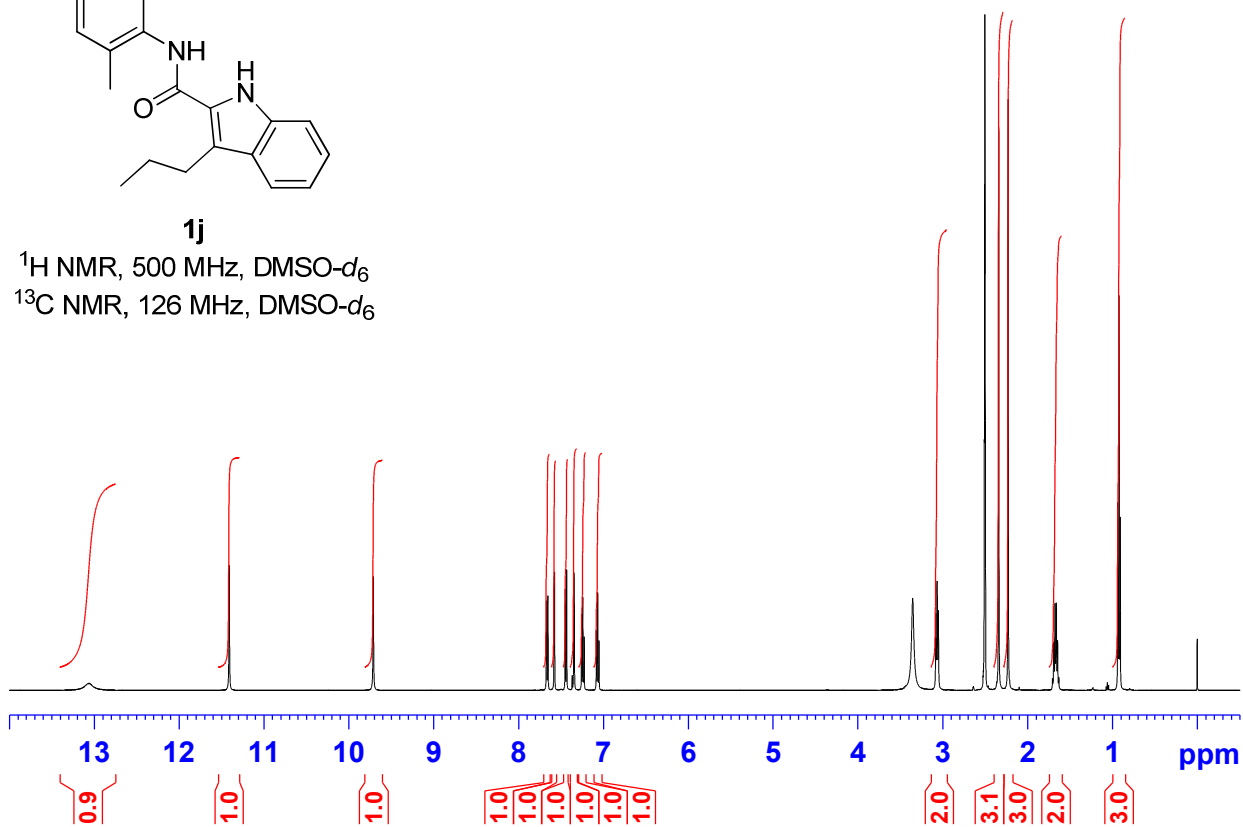


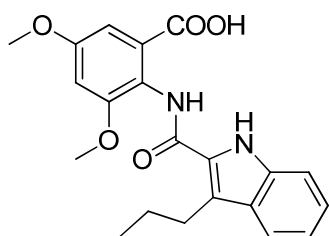


1j

^1H NMR, 500 MHz, $\text{DMSO}-d_6$

^{13}C NMR, 126 MHz, $\text{DMSO}-d_6$

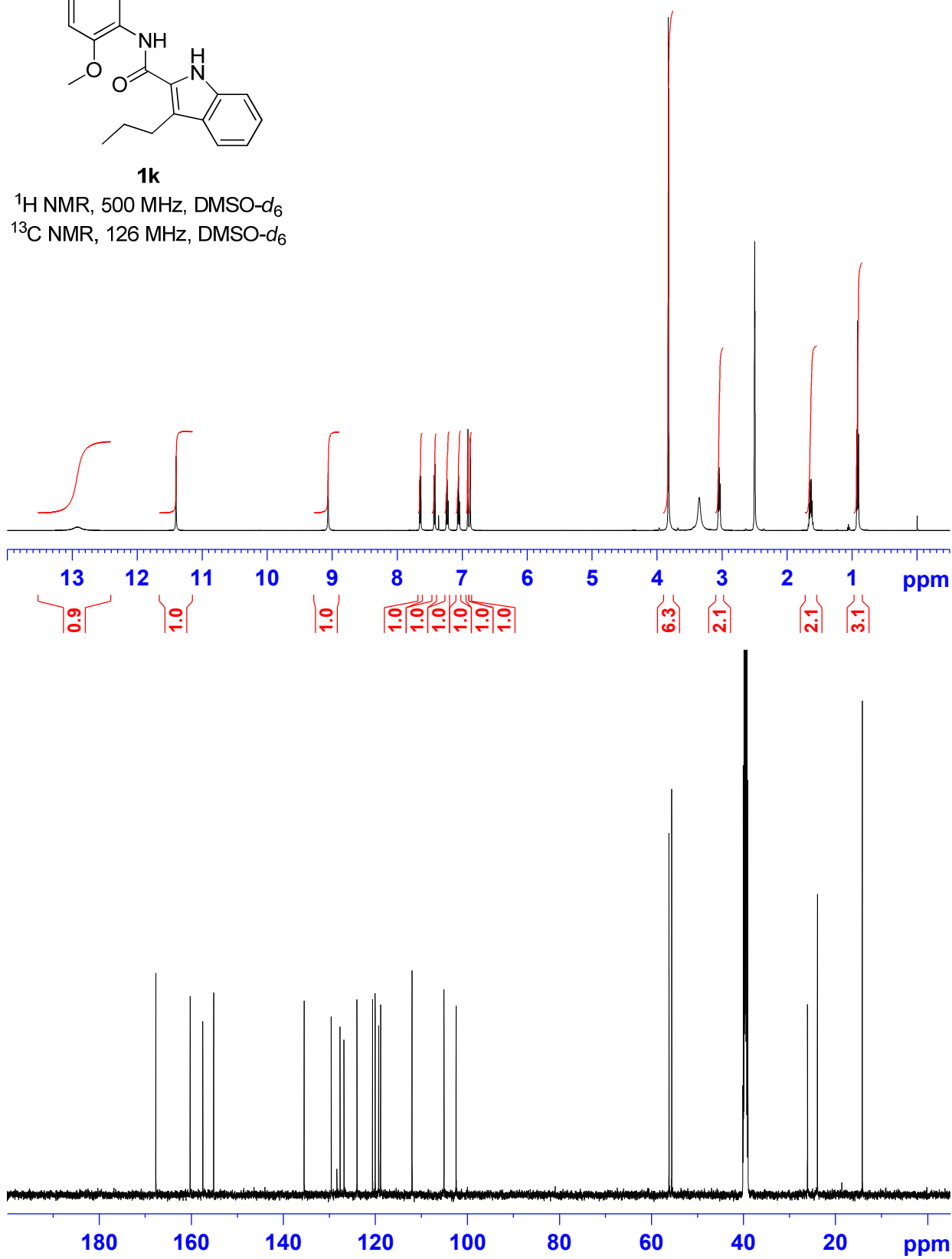


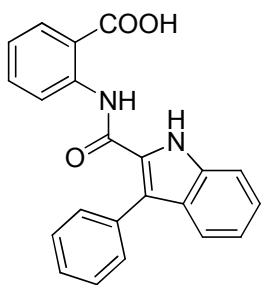


1k

^1H NMR, 500 MHz, DMSO- d_6

^{13}C NMR, 126 MHz, DMSO- d_6

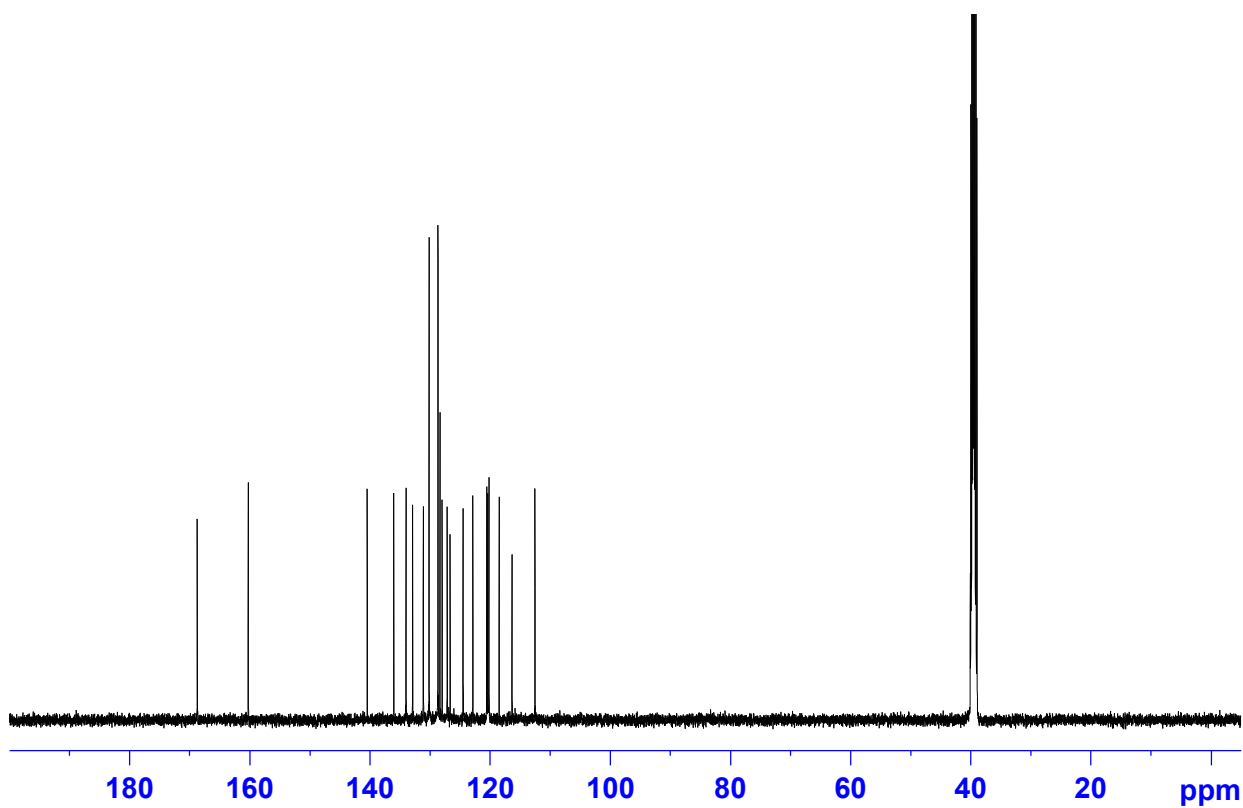
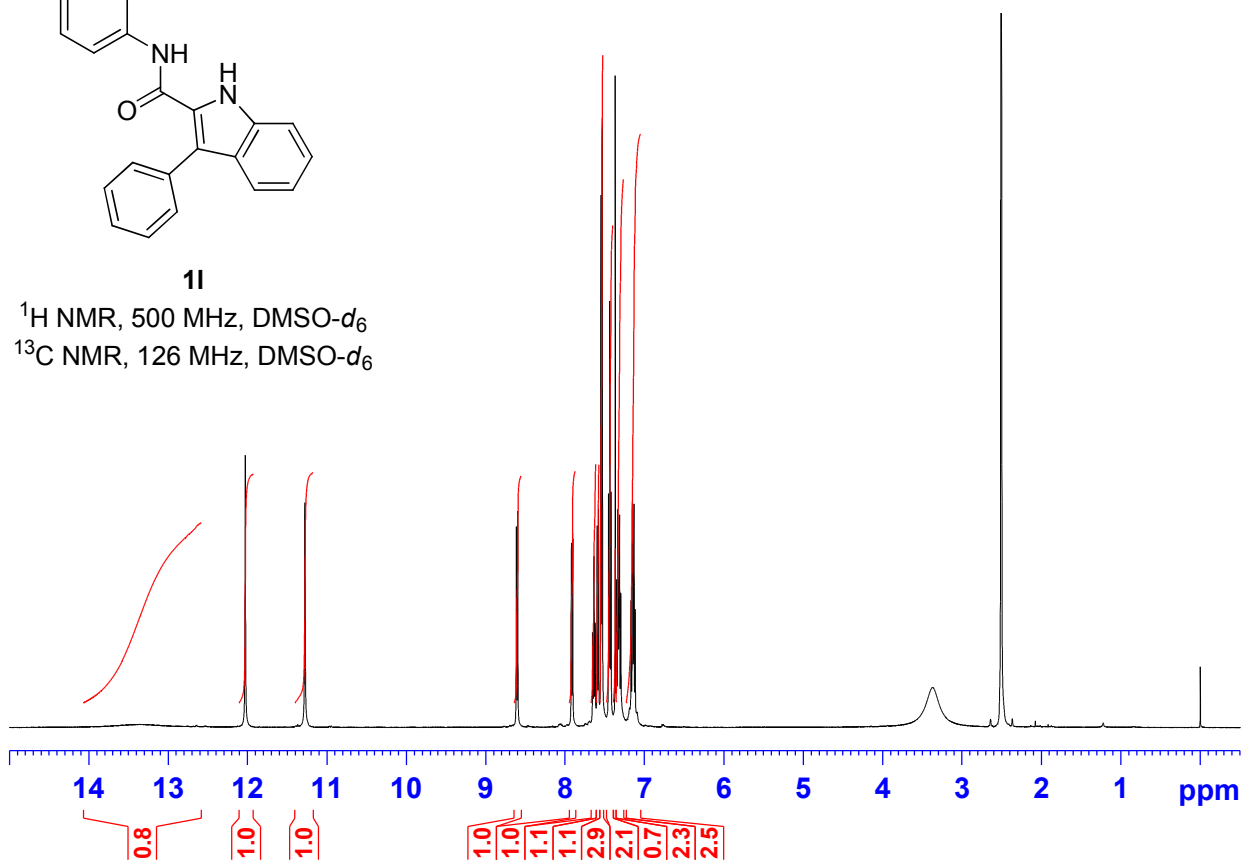


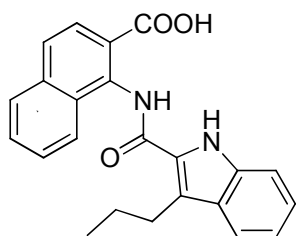


11

^1H NMR, 500 MHz, DMSO- d_6

^{13}C NMR, 126 MHz, DMSO- d_6

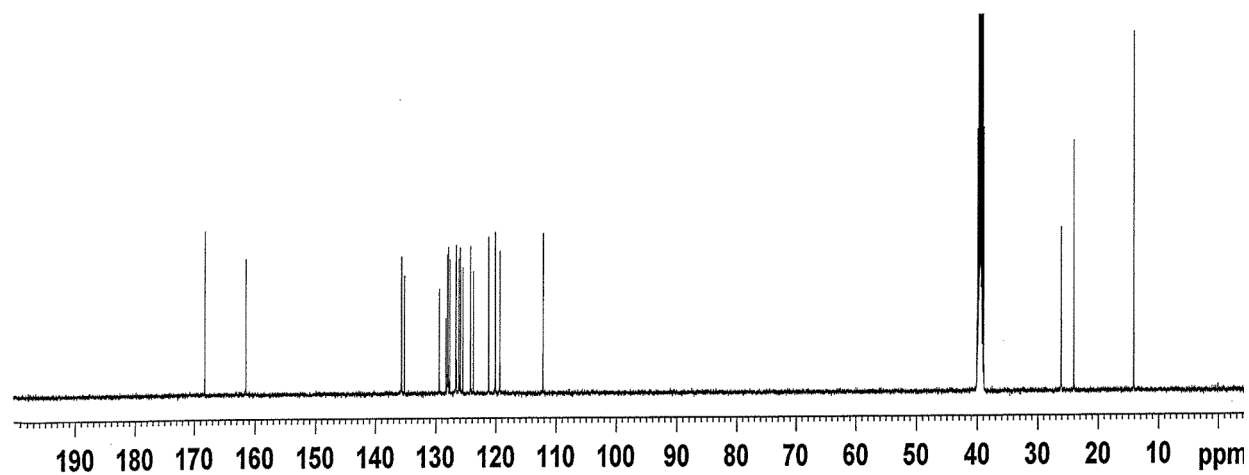
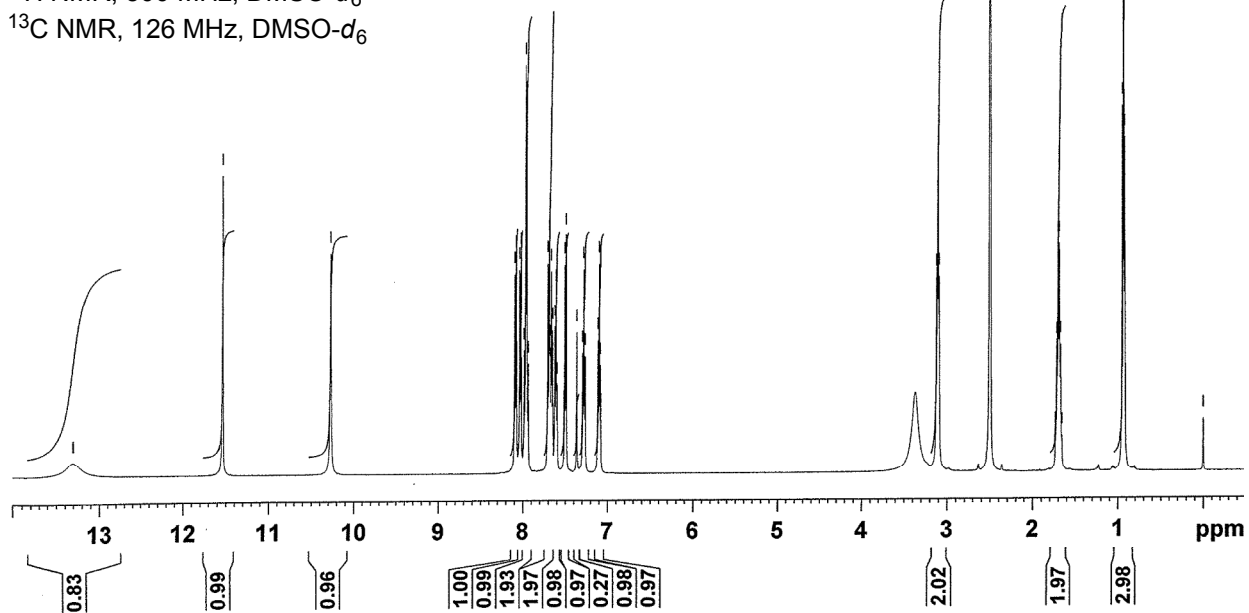


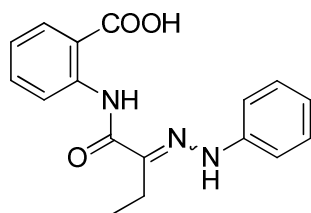


1m

^1H NMR, 500 MHz, DMSO- d_6

^{13}C NMR, 126 MHz, DMSO- d_6

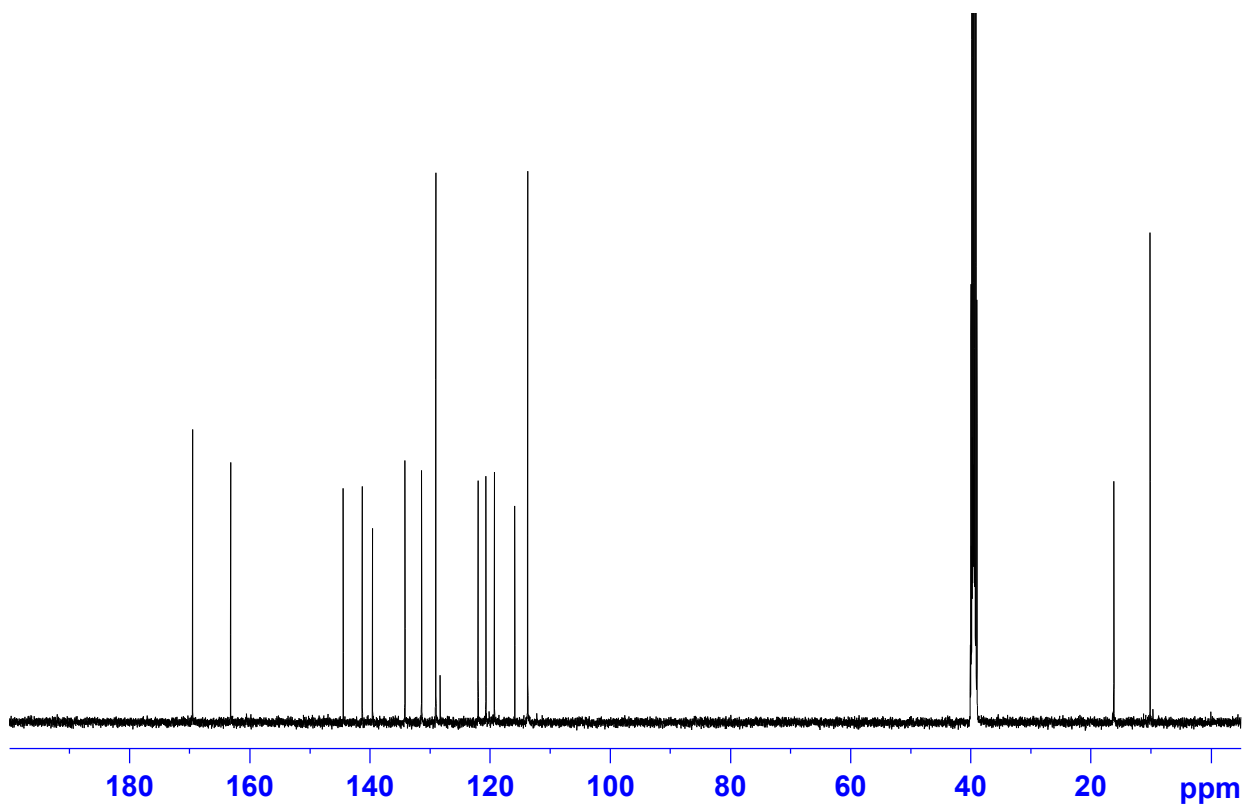
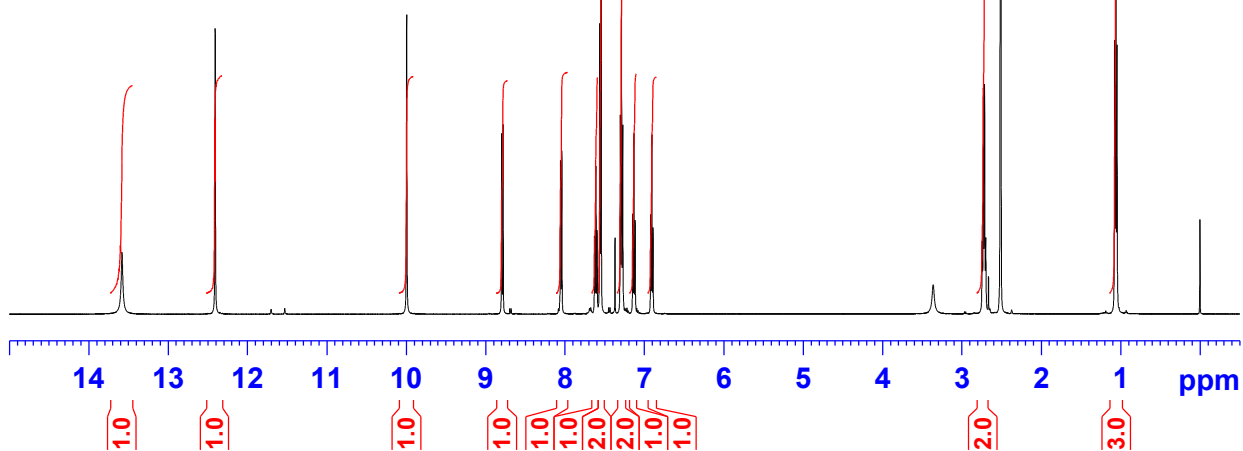


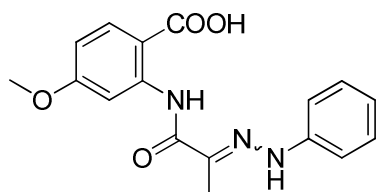


3a

^1H NMR, 500 MHz, $\text{DMSO-}d_6$

^{13}C NMR, 126 MHz, $\text{DMSO-}d_6$

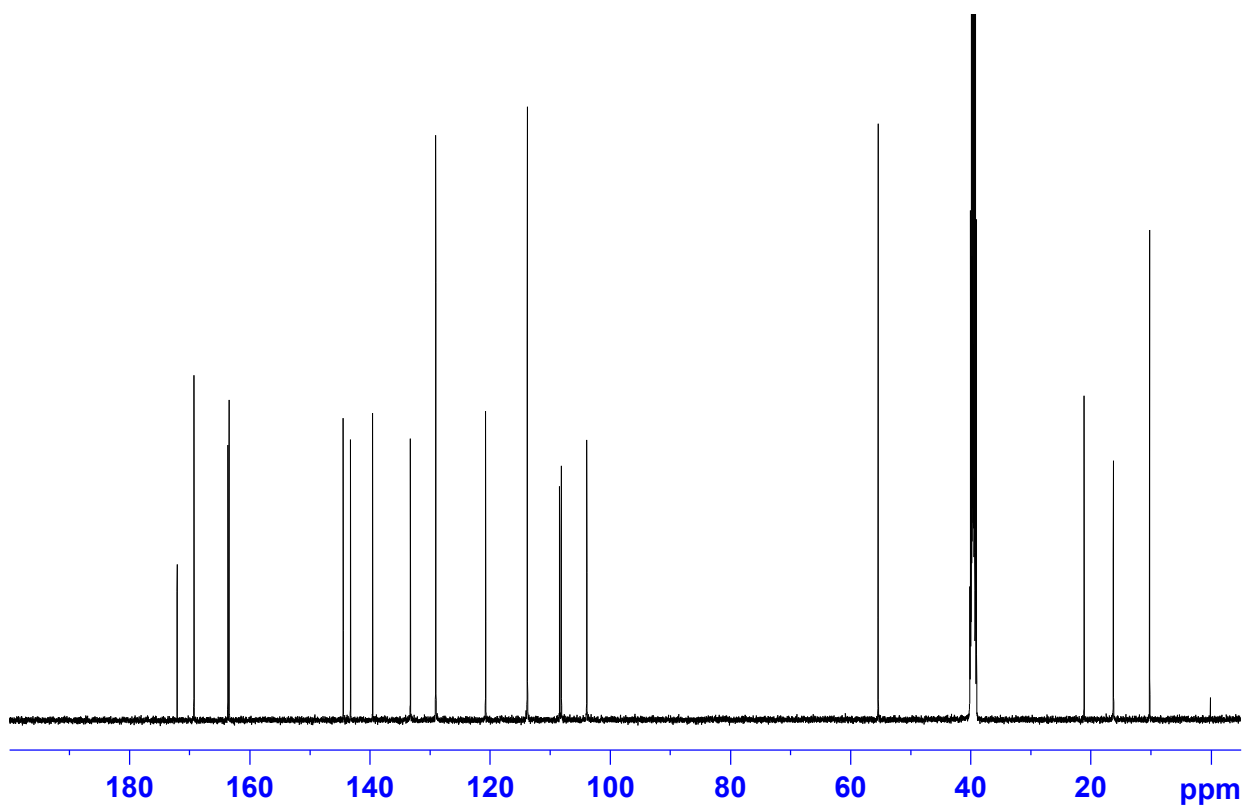
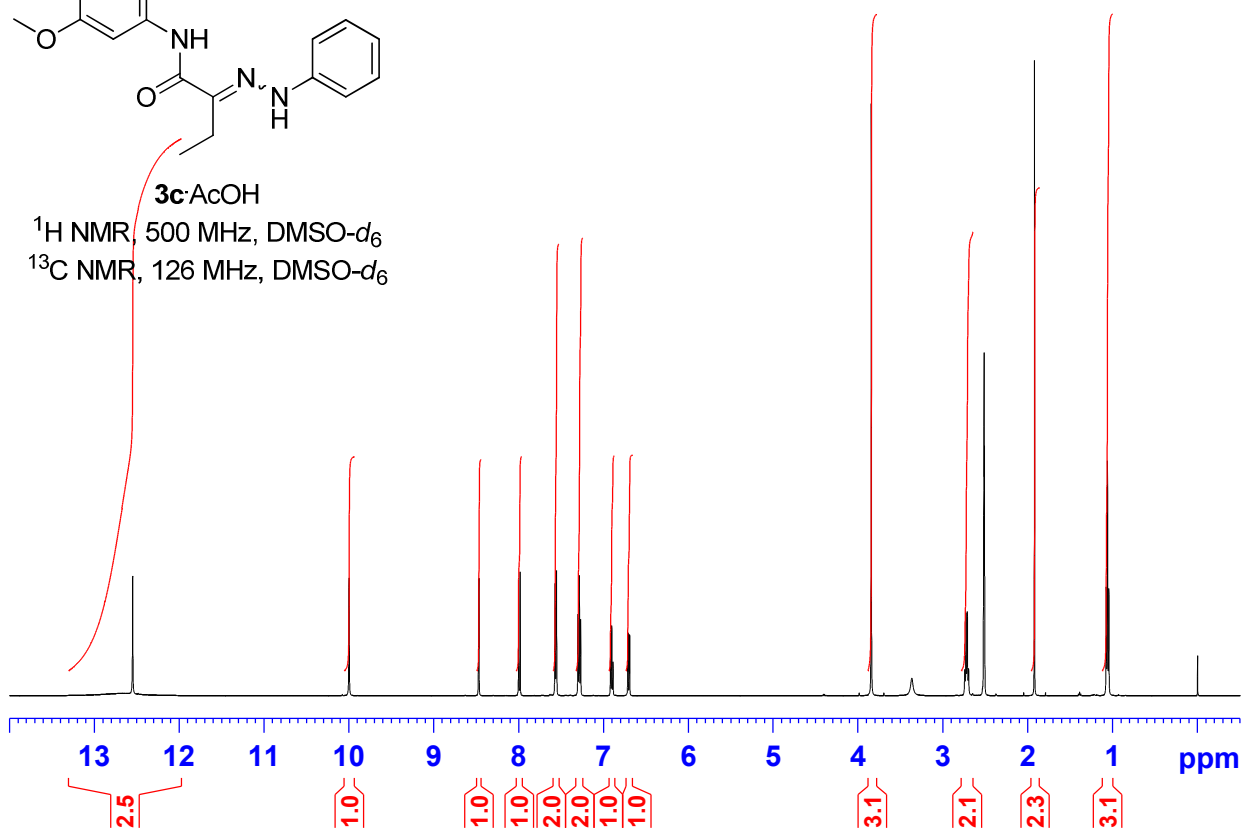


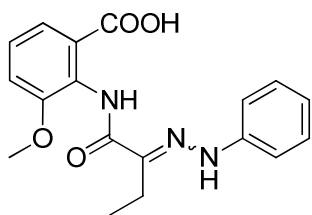


3c·AcOH

^1H NMR, 500 MHz, $\text{DMSO-}d_6$

^{13}C NMR, 126 MHz, $\text{DMSO-}d_6$

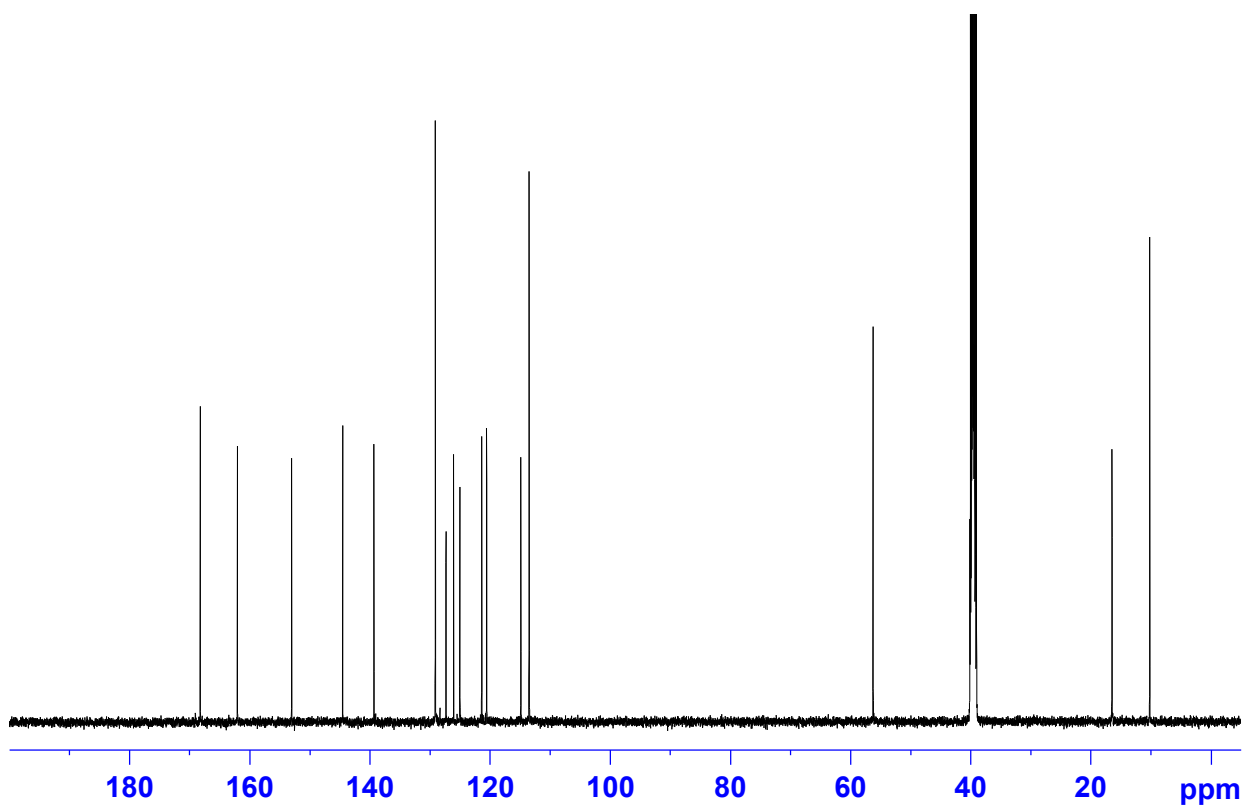
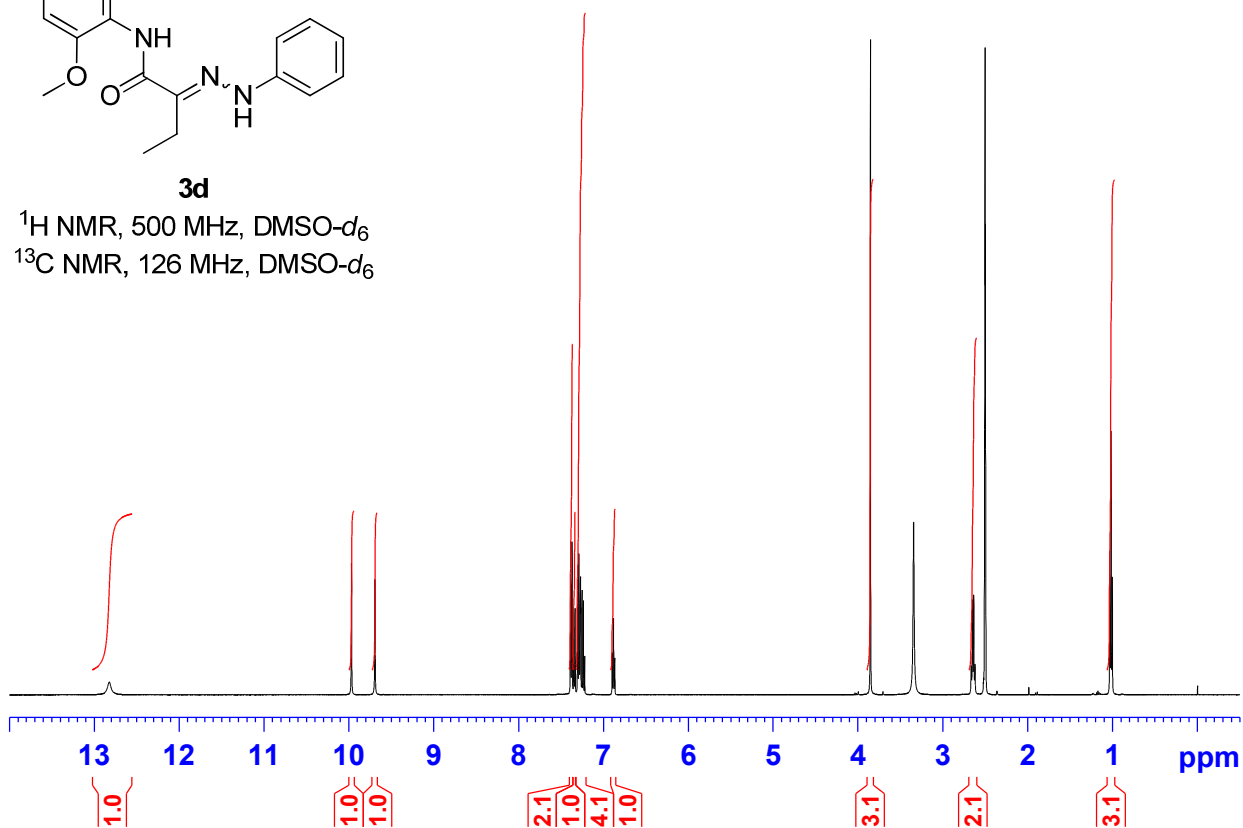


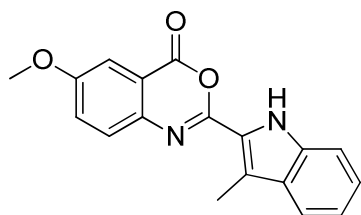


3d

^1H NMR, 500 MHz, $\text{DMSO}-d_6$

^{13}C NMR, 126 MHz, $\text{DMSO}-d_6$

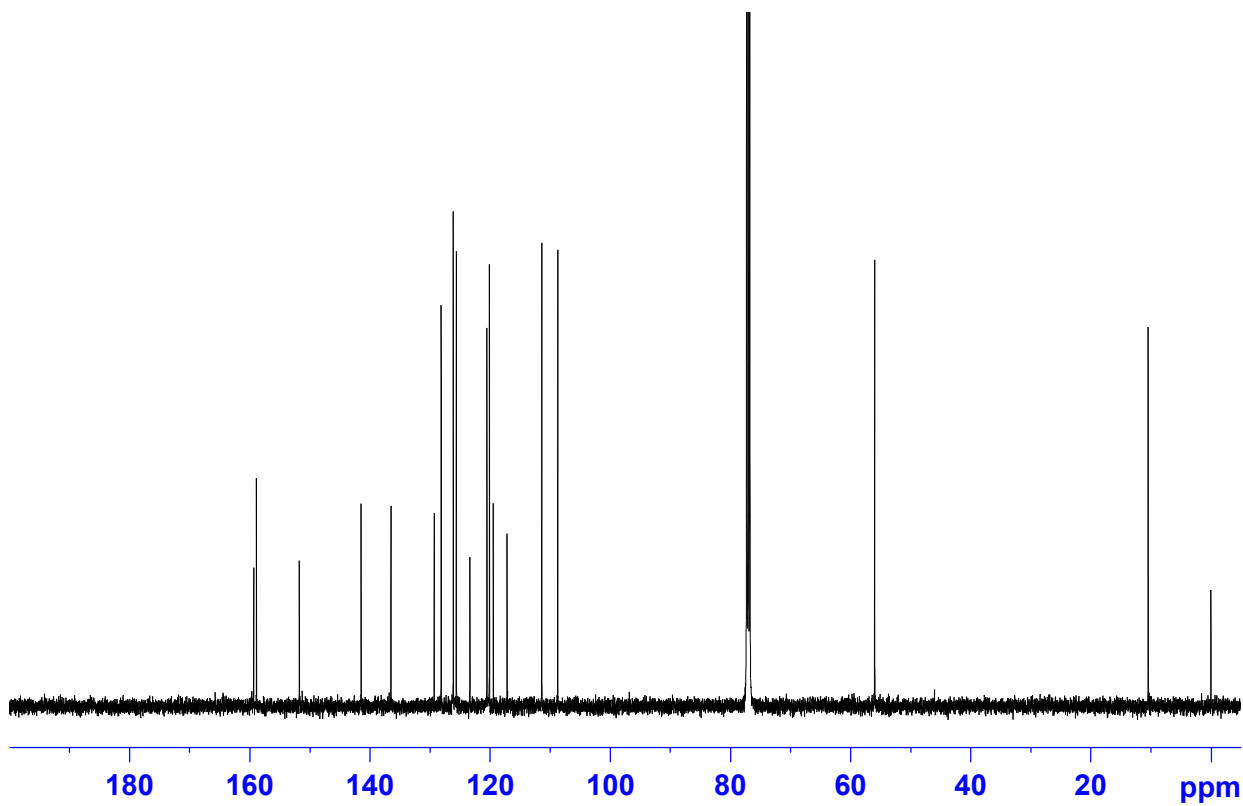
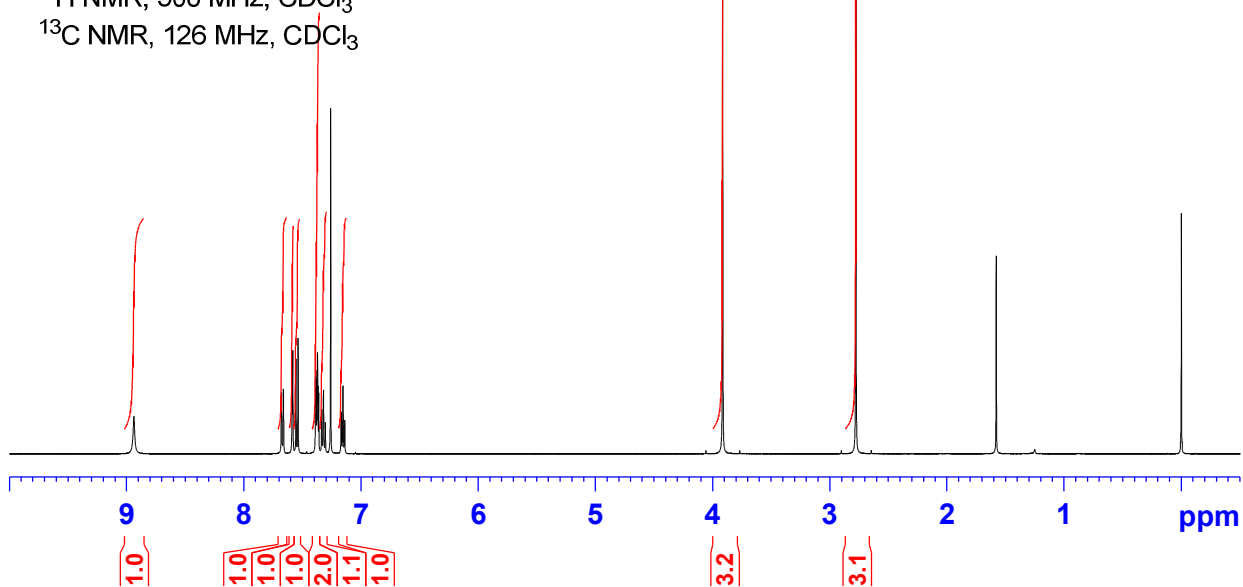


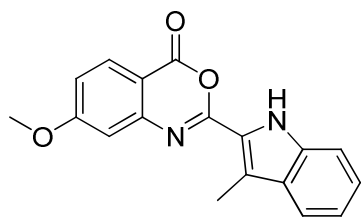


4b

^1H NMR, 500 MHz, CDCl_3

^{13}C NMR, 126 MHz, CDCl_3

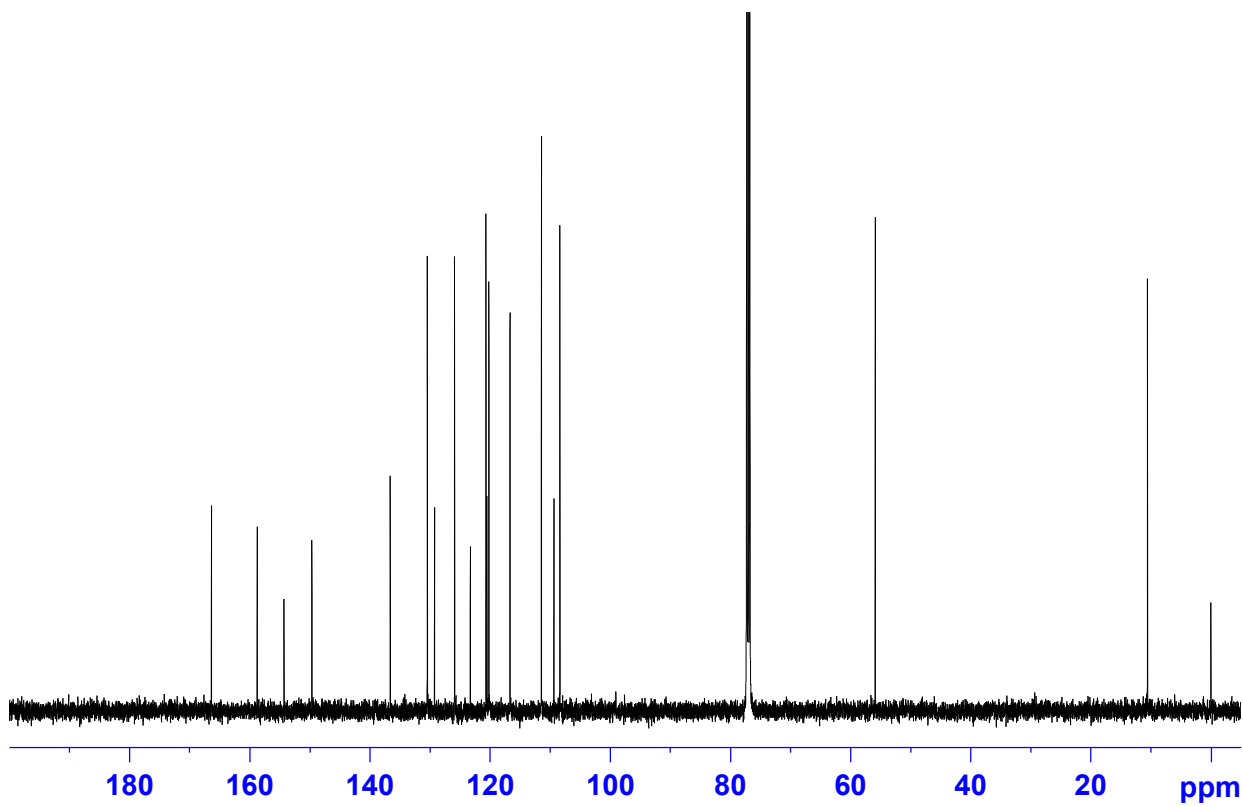
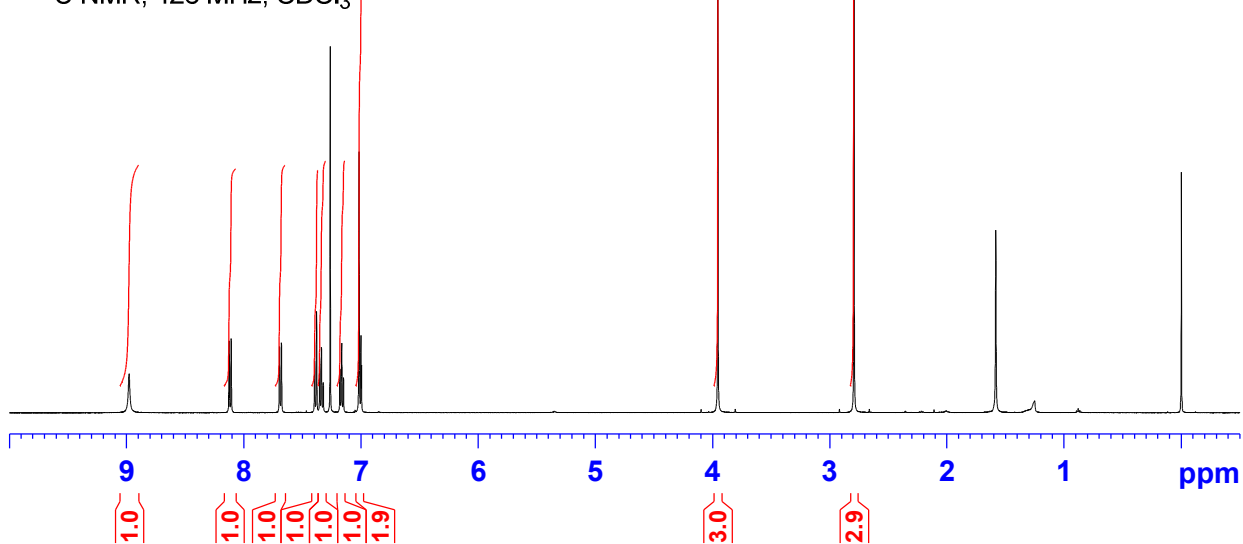


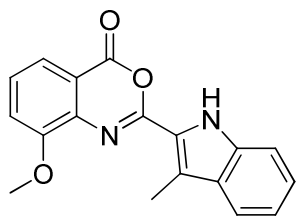


4c

^1H NMR, 500 MHz, CDCl_3

^{13}C NMR, 126 MHz, CDCl_3

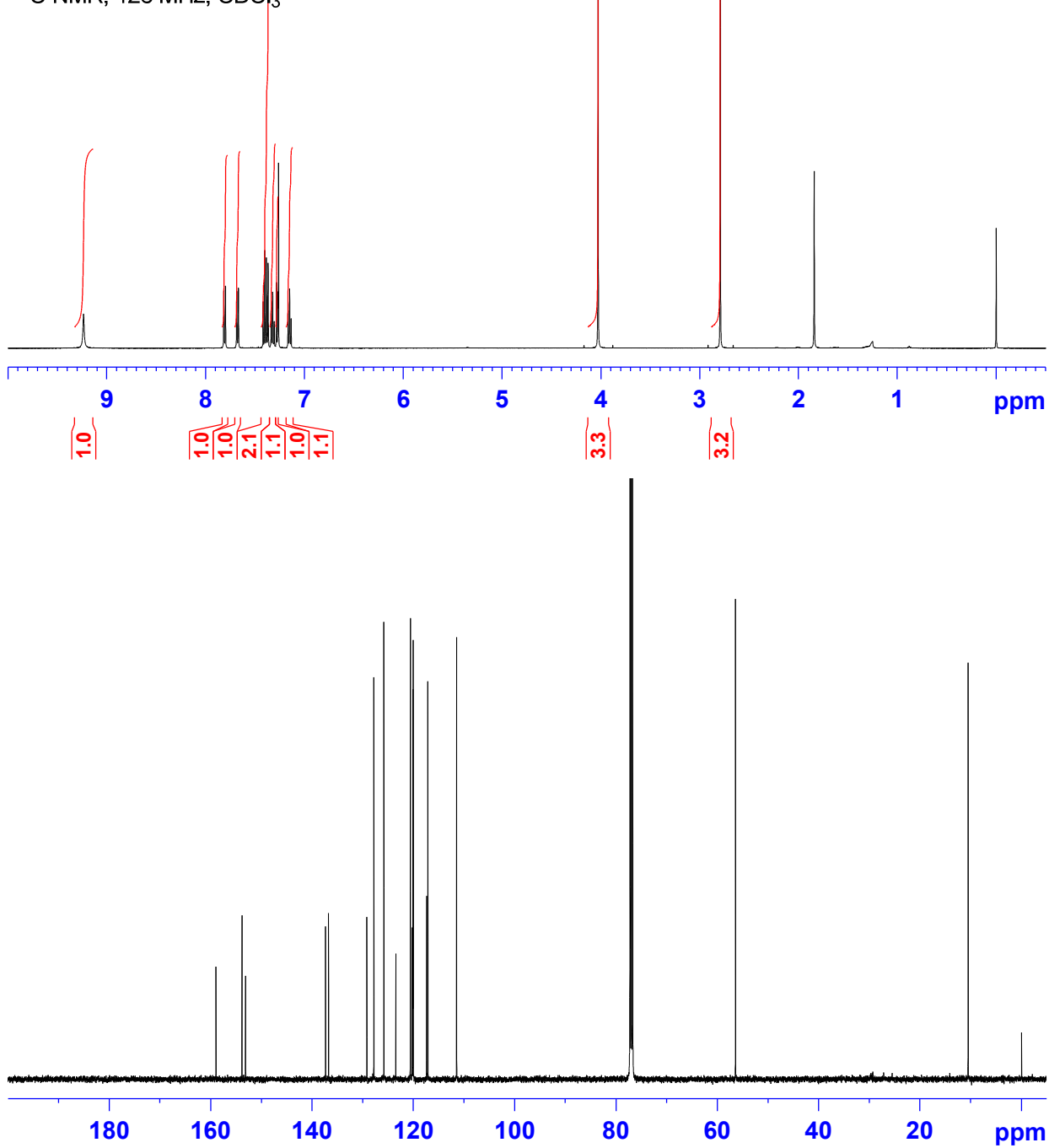


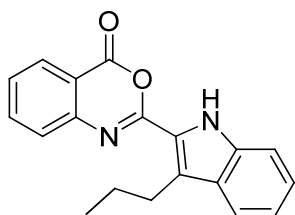


4d

^1H NMR, 500 MHz, CDCl_3

^{13}C NMR, 126 MHz, CDCl_3

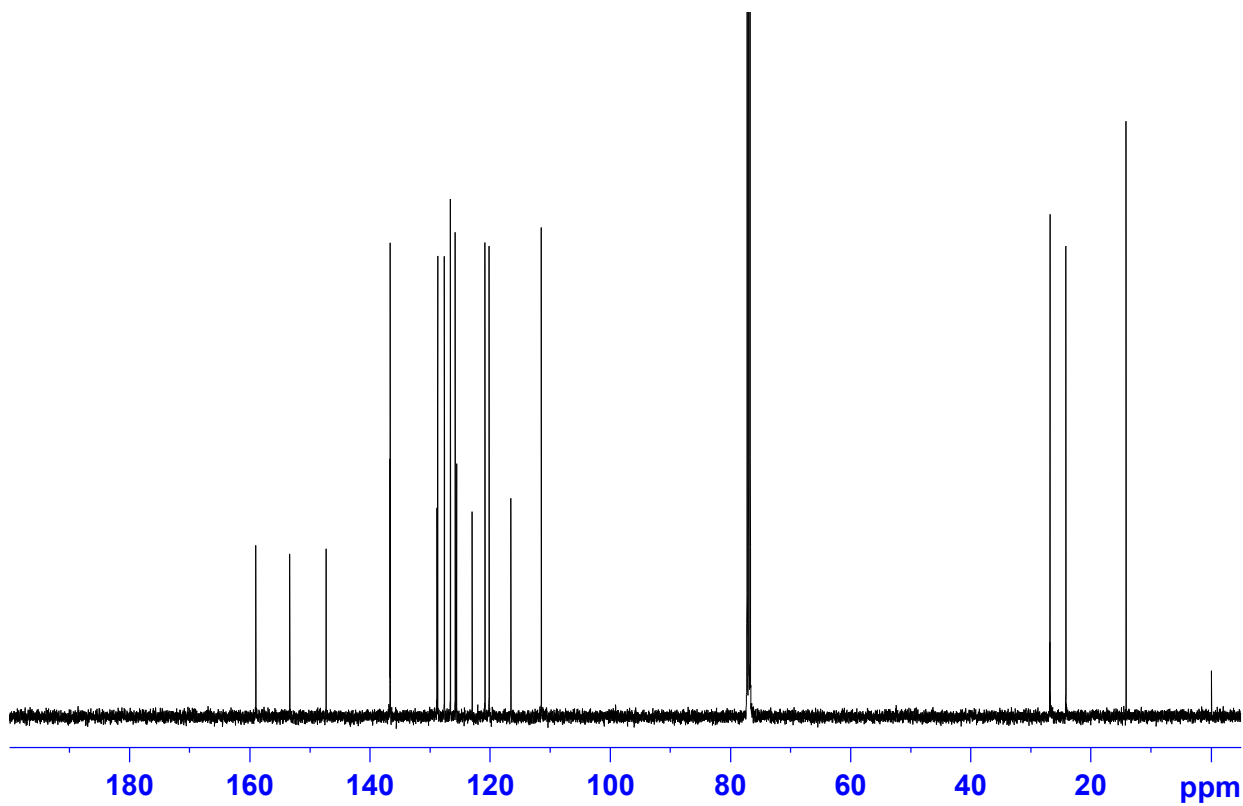
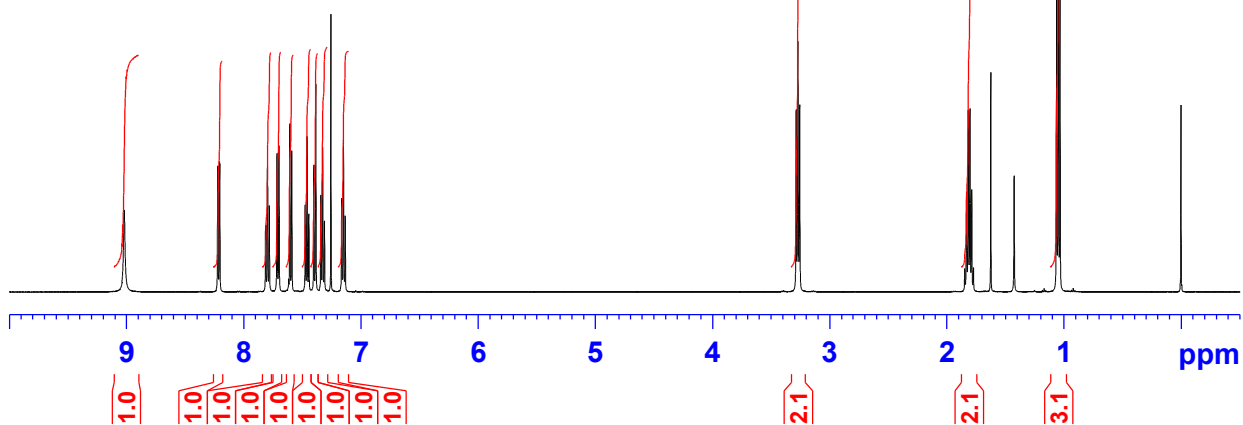


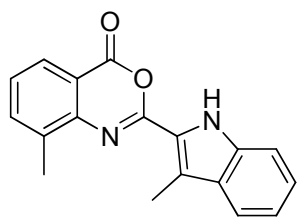


4f

^1H NMR, 500 MHz, CDCl_3

^{13}C NMR, 126 MHz, CDCl_3

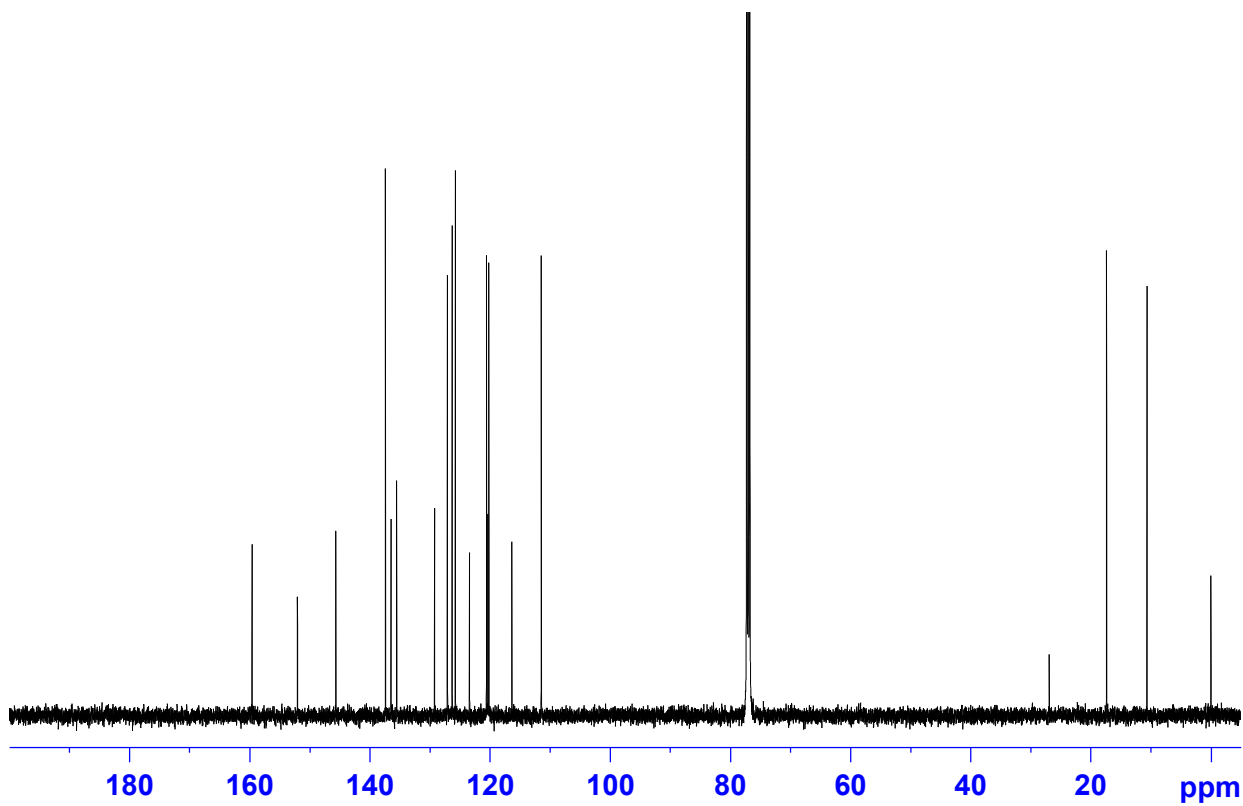
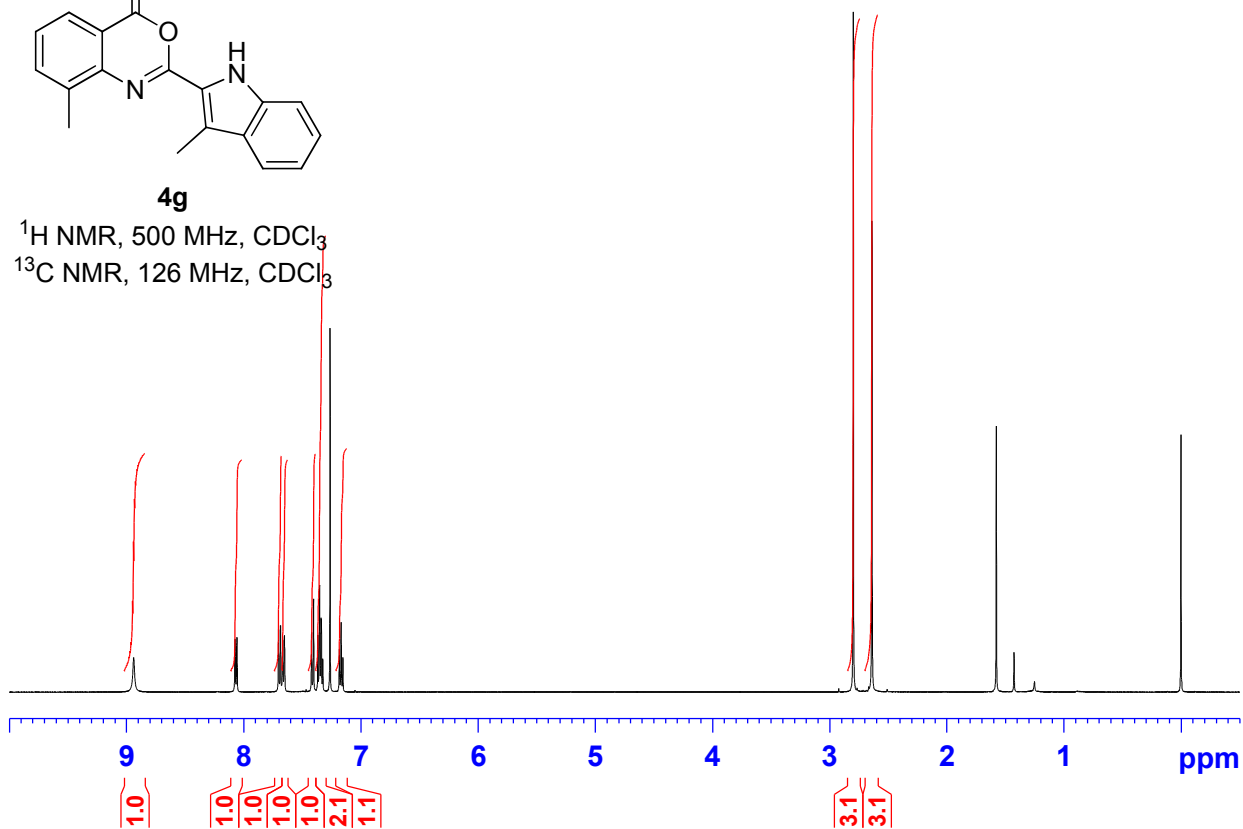


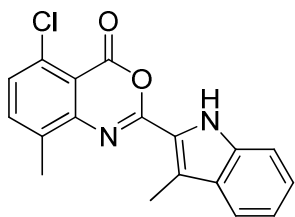


4g

^1H NMR, 500 MHz, CDCl_3

^{13}C NMR, 126 MHz, CDCl_3

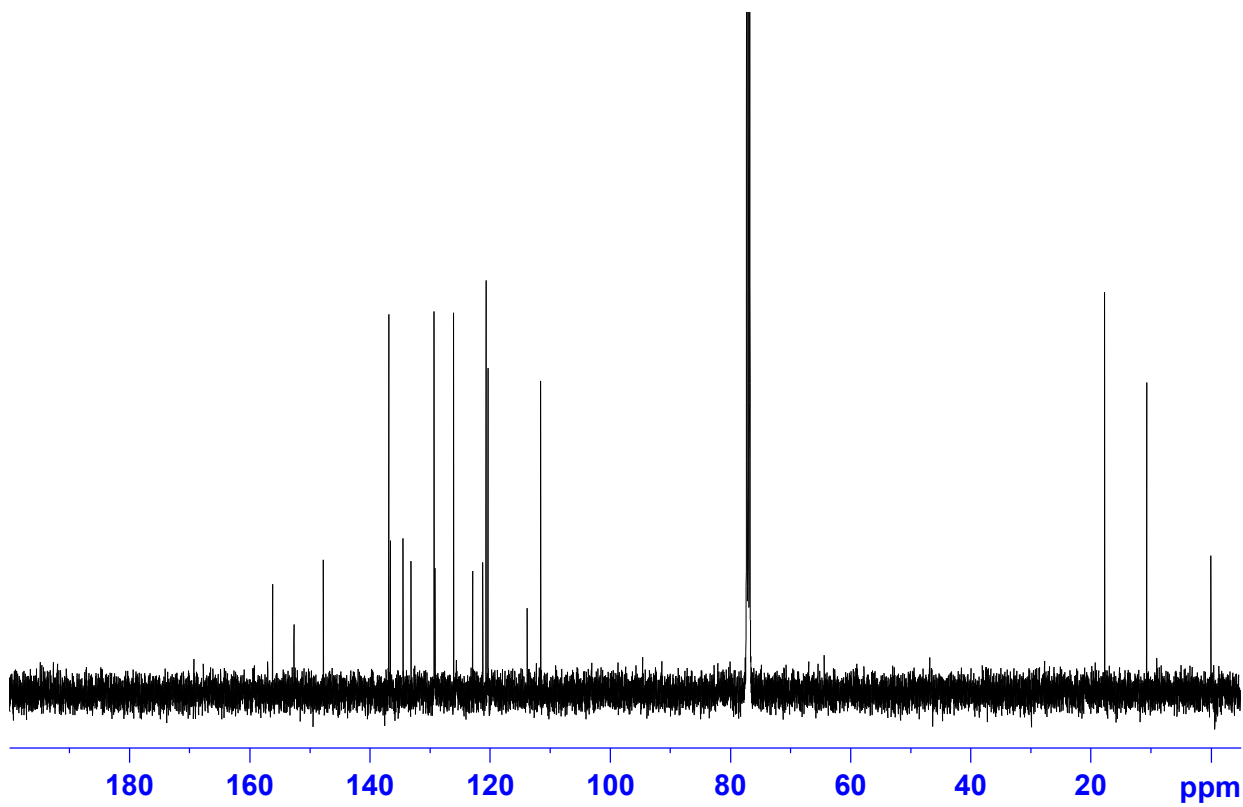
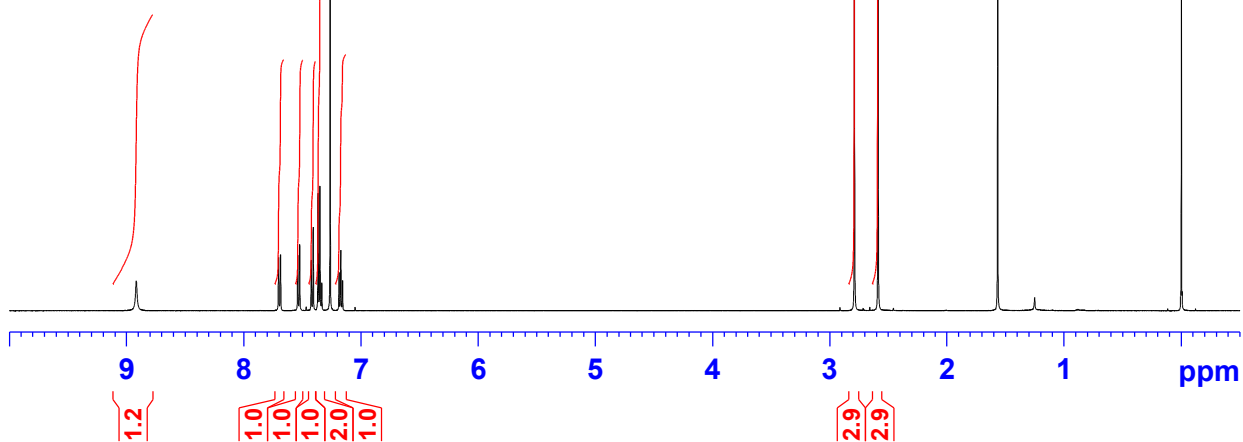


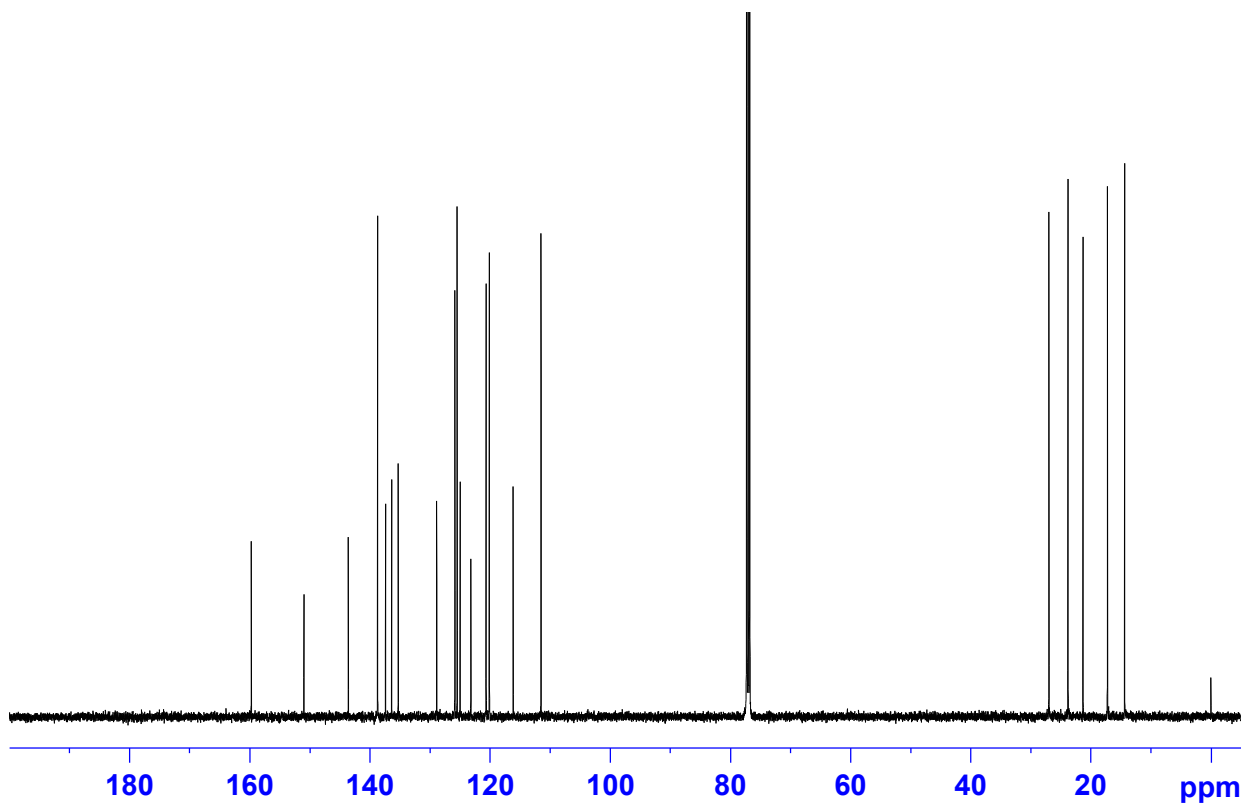


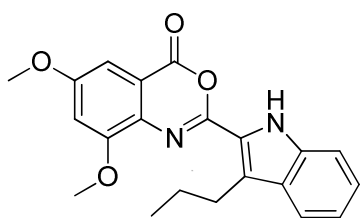
4i

^1H NMR, 500 MHz, CDCl_3

^{13}C NMR, 126 MHz, CDCl_3



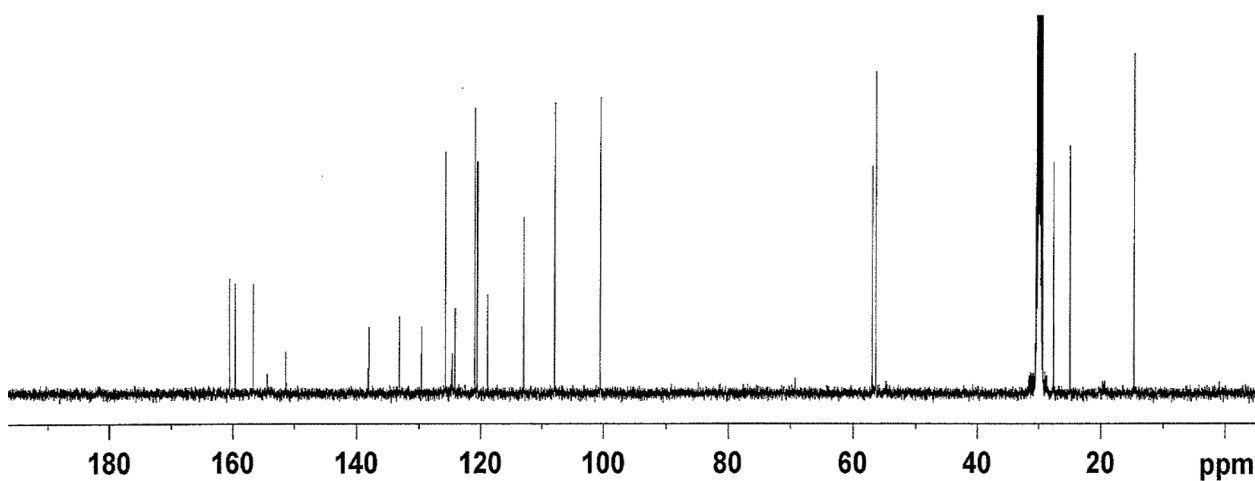
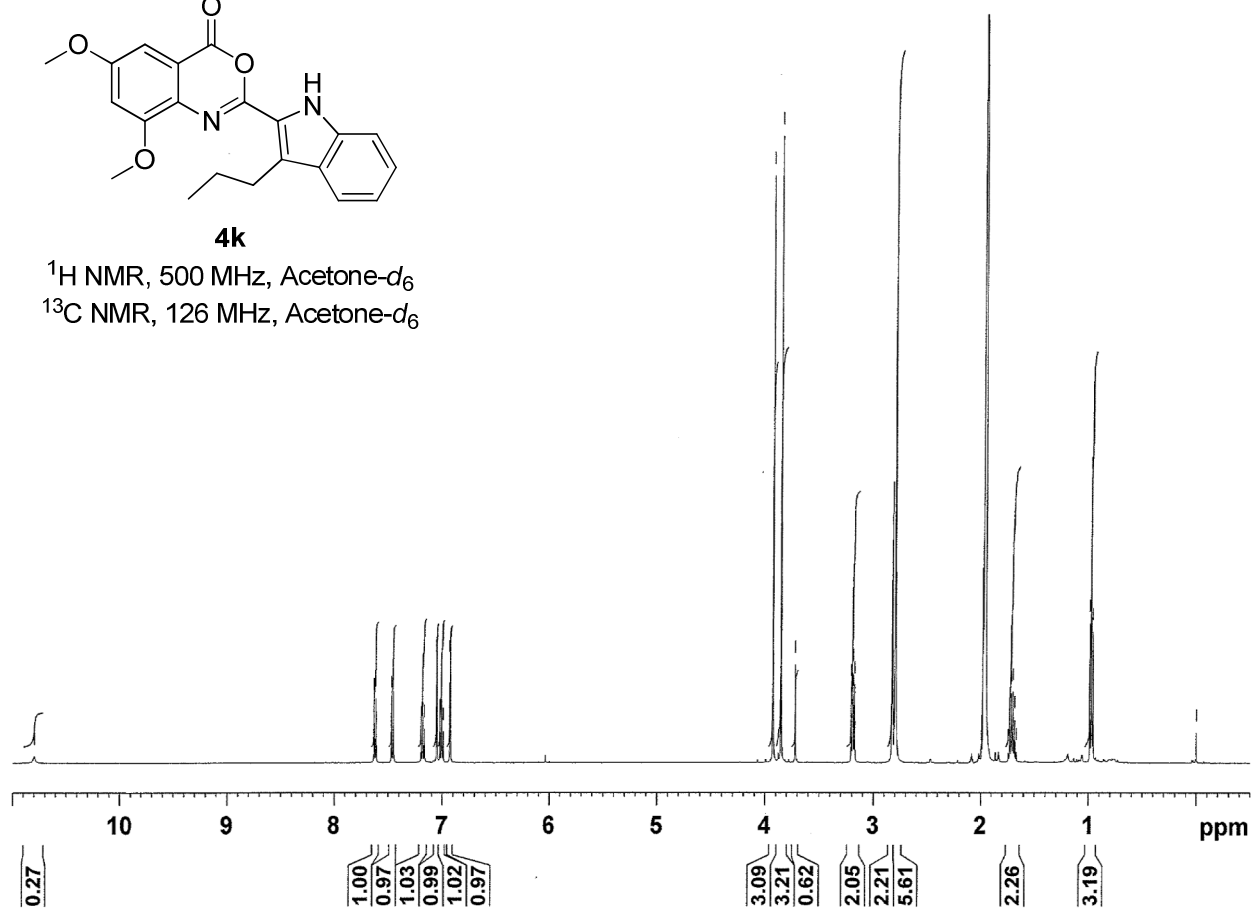
 ^{13}C NMR, 126 MHz, CDCl_3 

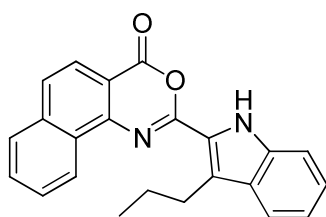


4k

^1H NMR, 500 MHz, Acetone- d_6

^{13}C NMR, 126 MHz, Acetone- d_6

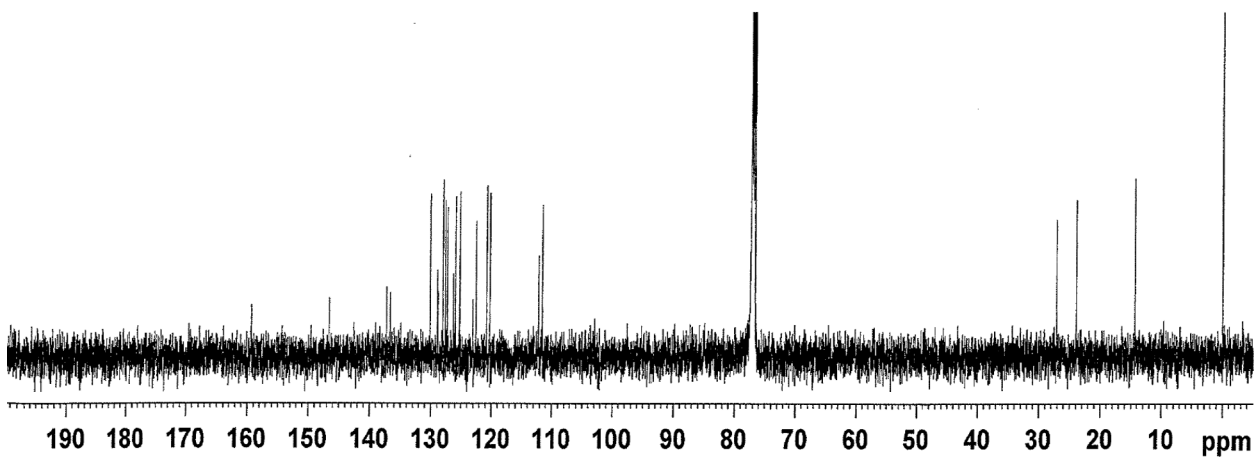
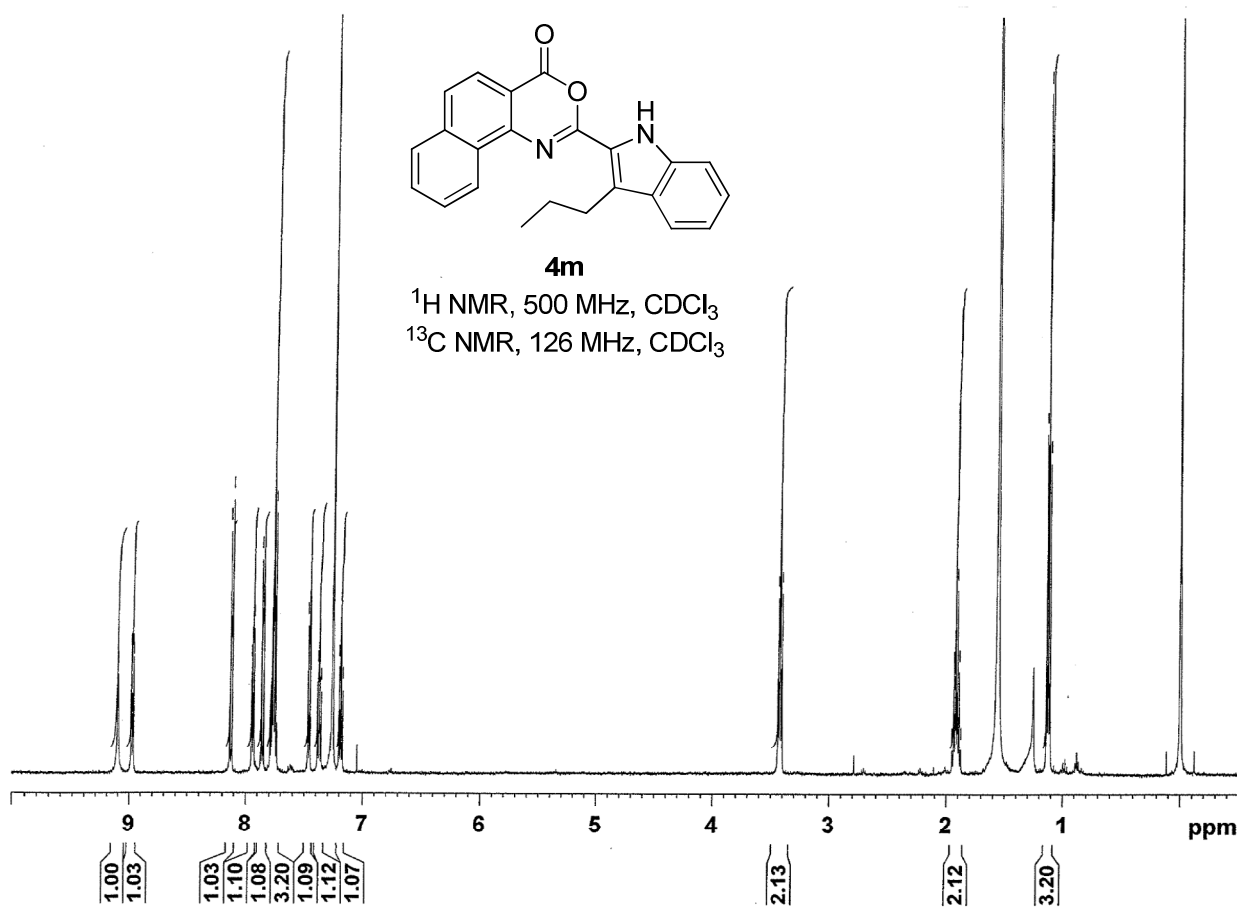


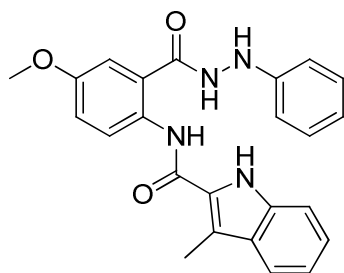


4m

^1H NMR, 500 MHz, CDCl_3

^{13}C NMR, 126 MHz, CDCl_3

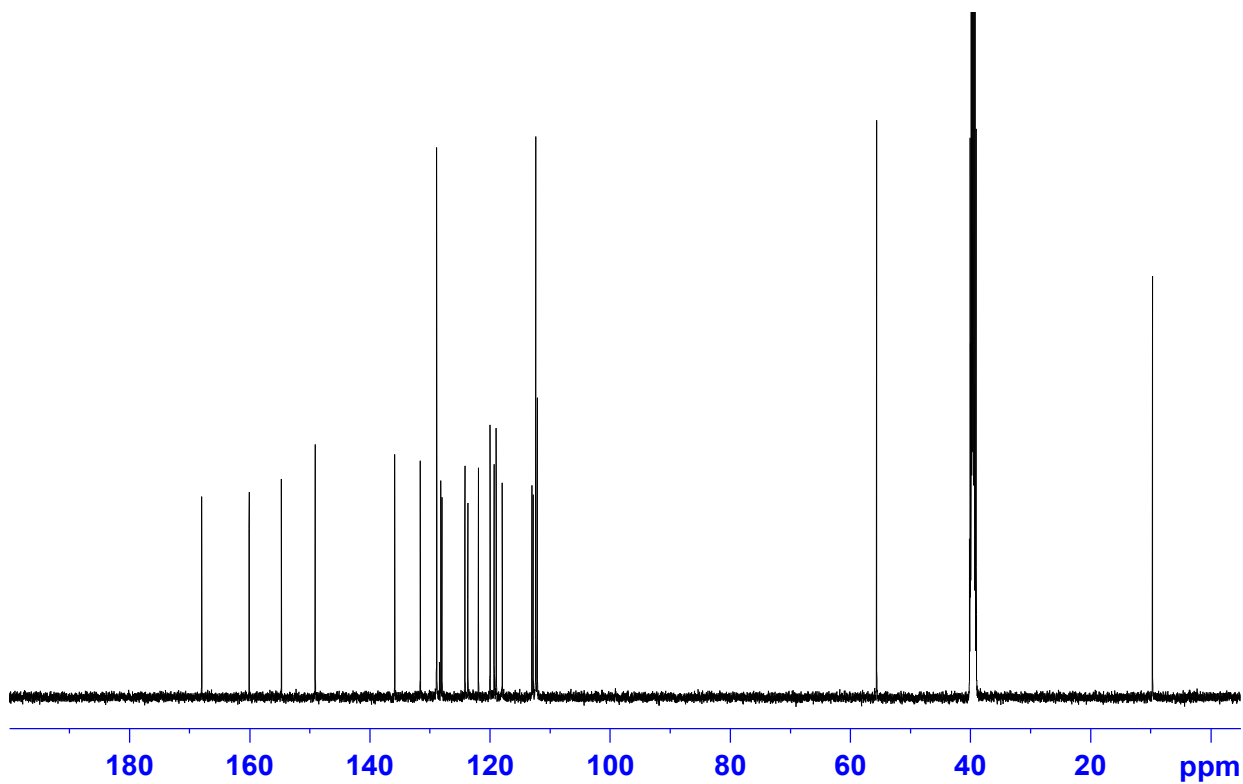
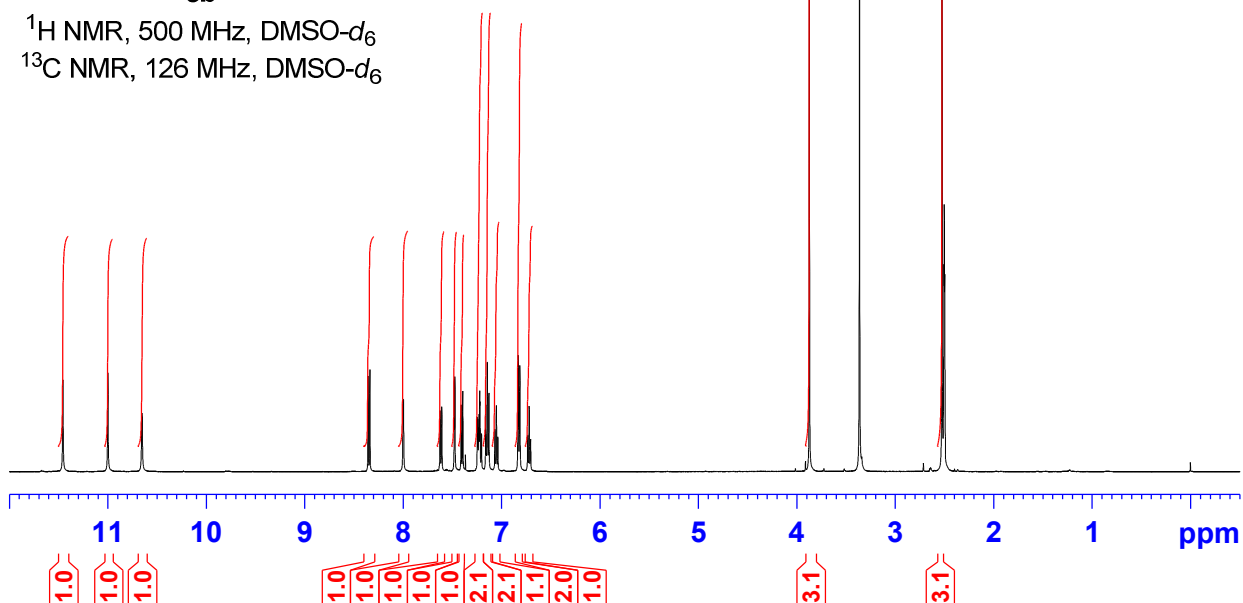


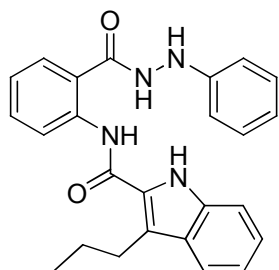


5b

^1H NMR, 500 MHz, $\text{DMSO}-d_6$

^{13}C NMR, 126 MHz, $\text{DMSO}-d_6$

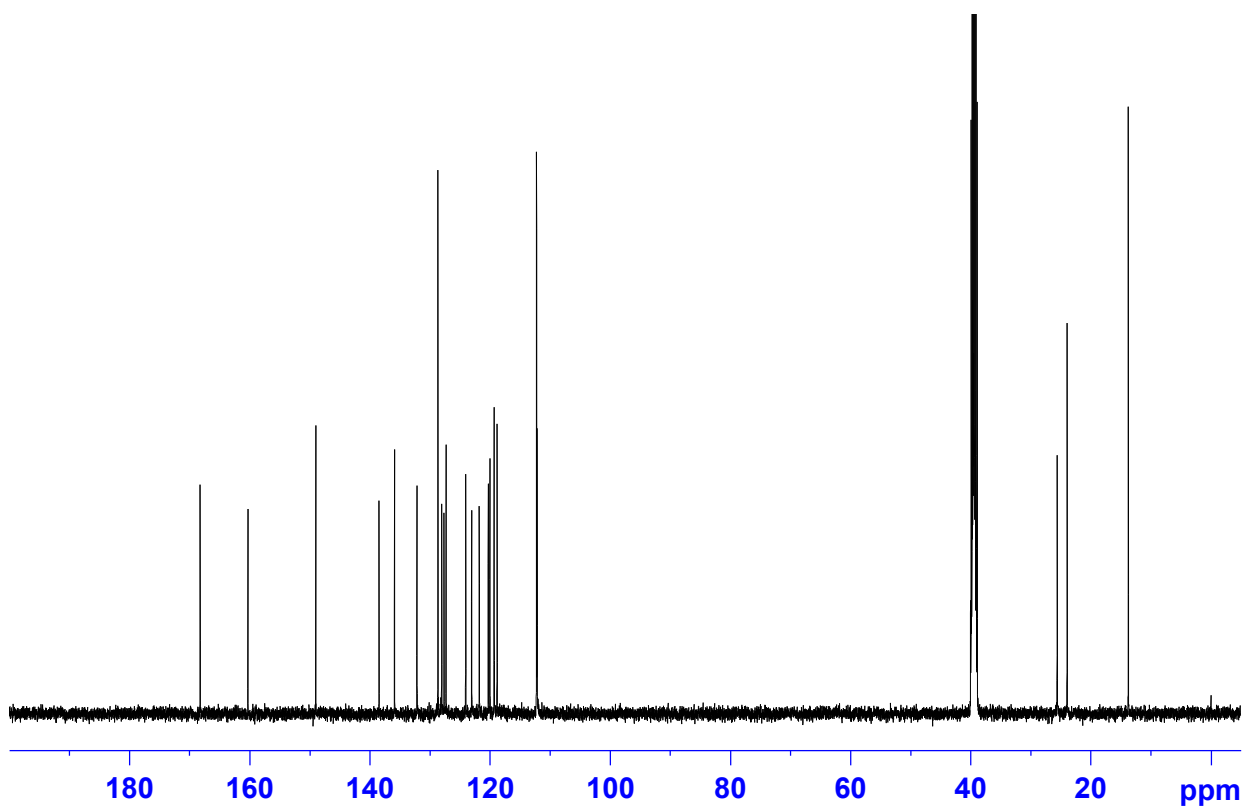
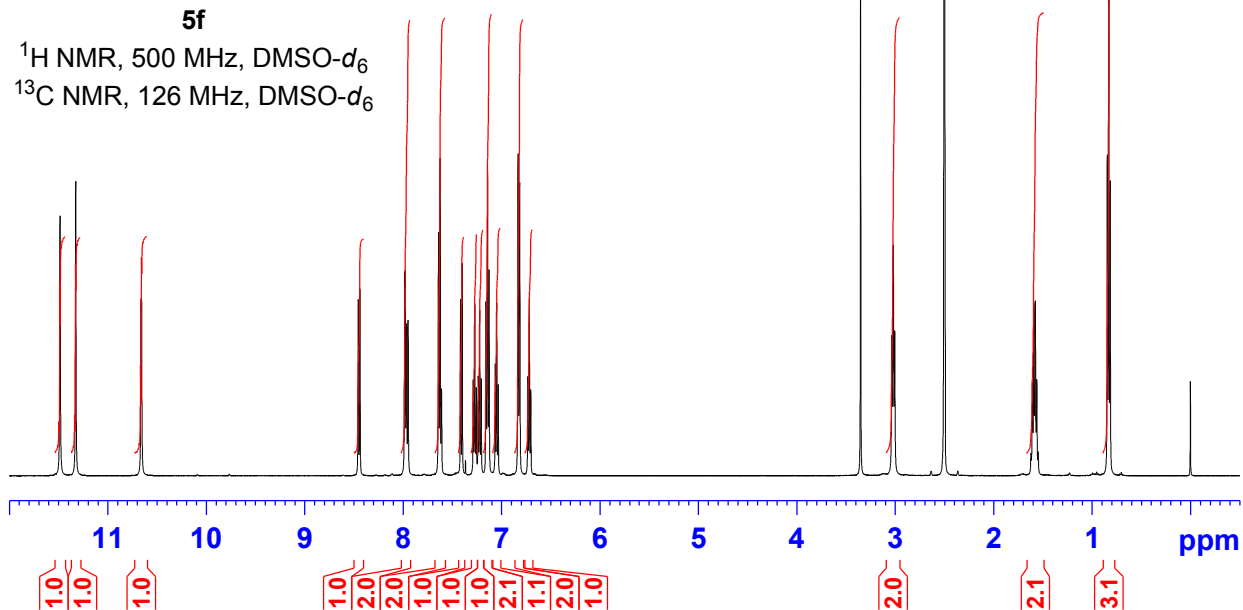


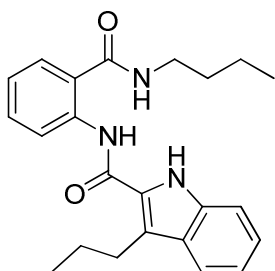


5f

^1H NMR, 500 MHz, $\text{DMSO}-d_6$

^{13}C NMR, 126 MHz, $\text{DMSO}-d_6$





6f

^1H NMR, 500 MHz, $\text{DMSO}-d_6$

^{13}C NMR, 126 MHz, $\text{DMSO}-d_6$

