

Supplementary Material

Copper chloride mediated regioselective chlorination of 1-oxotetrahydrocarbazole

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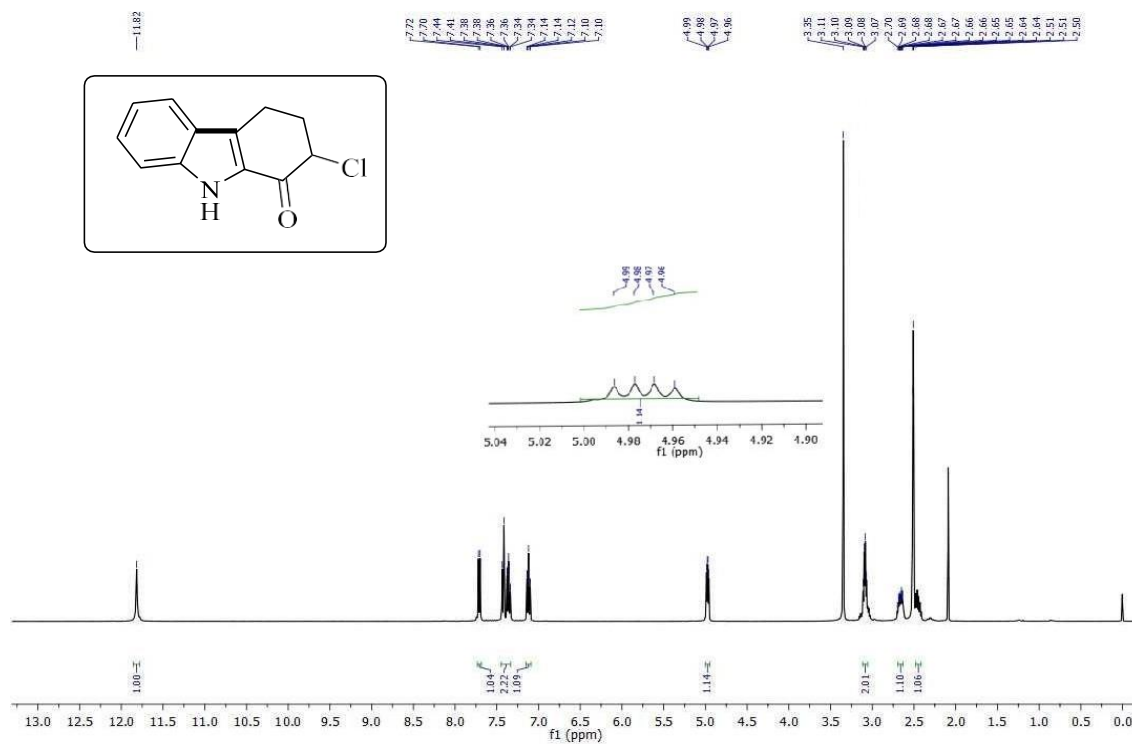
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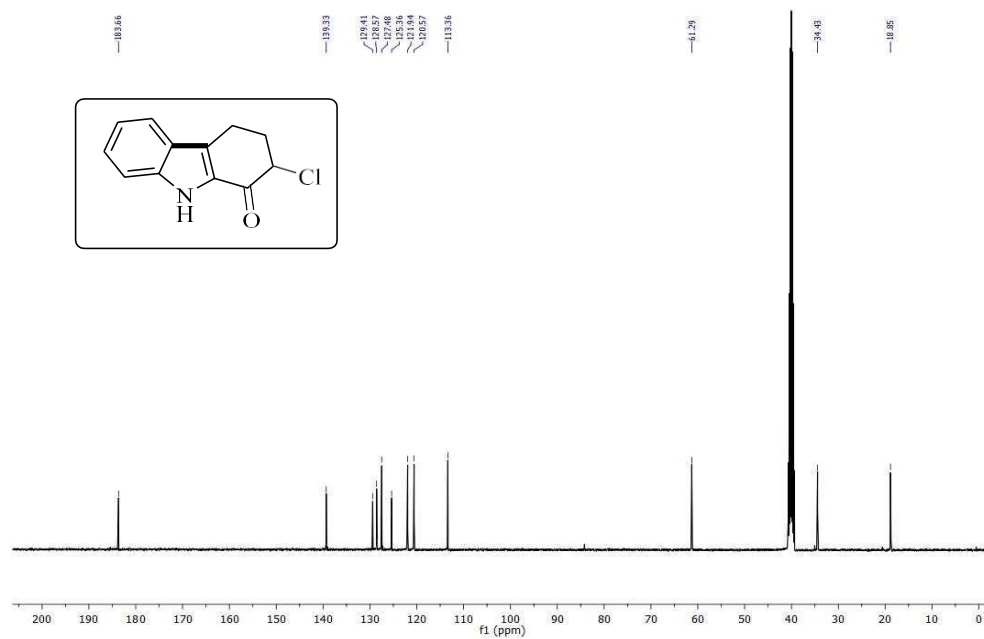
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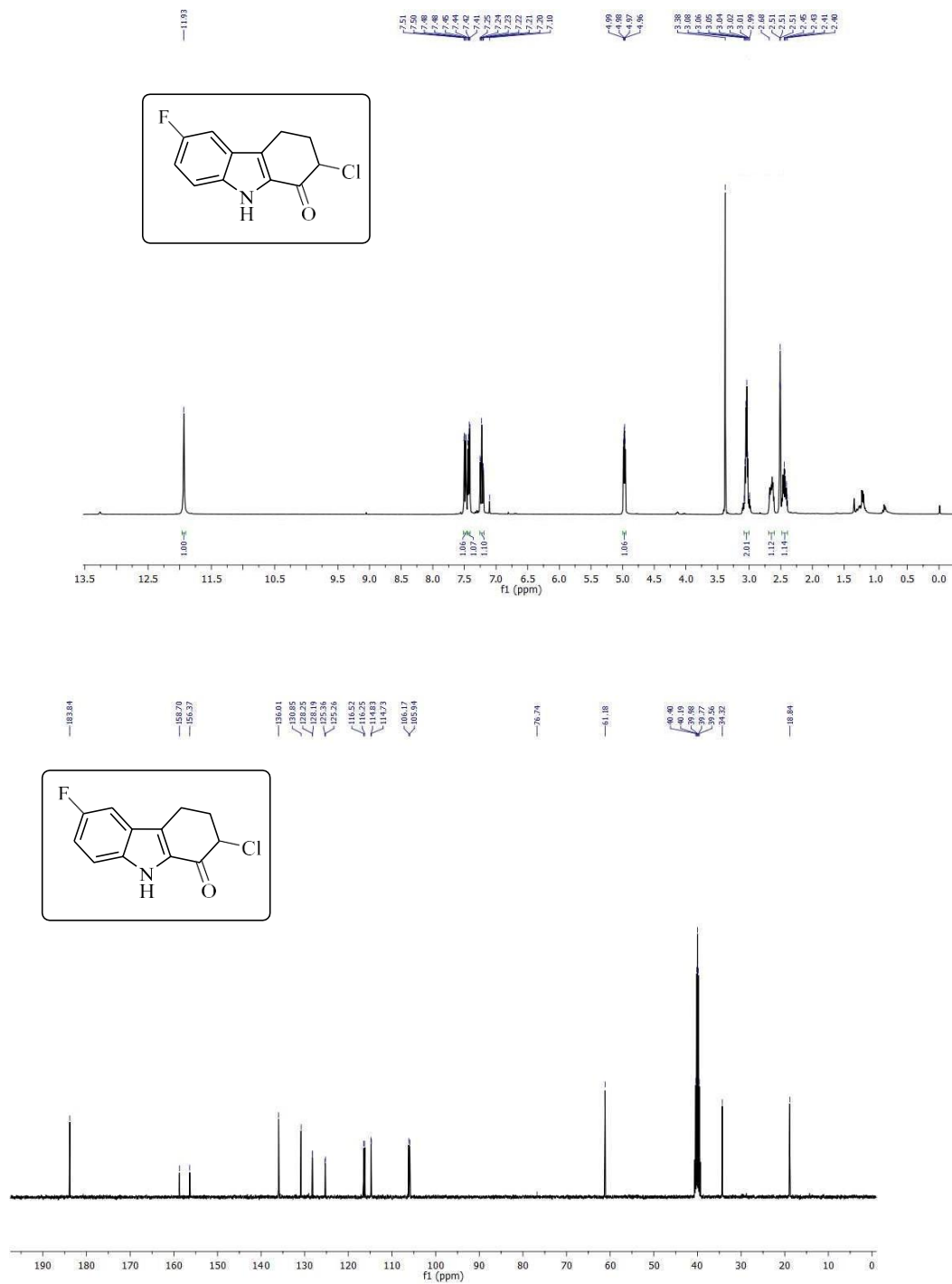
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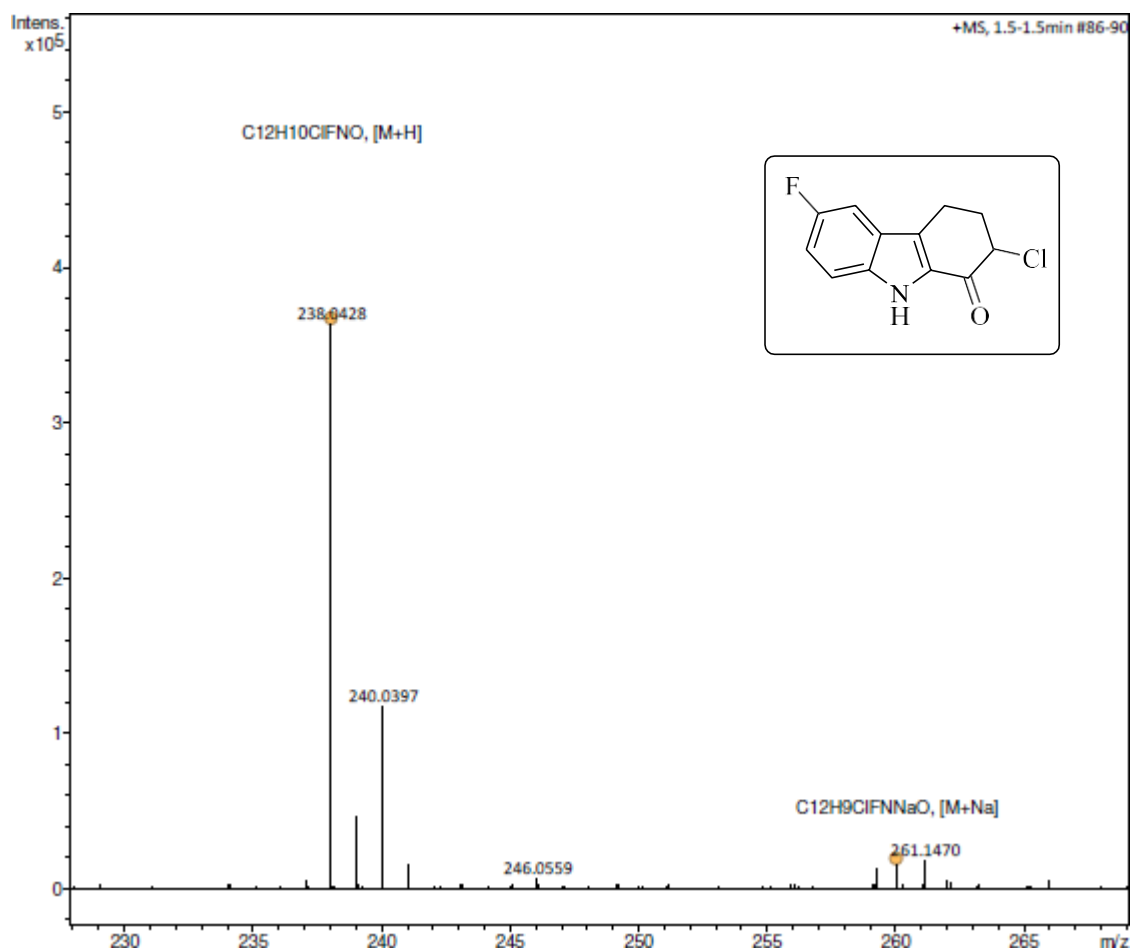
¹ H and ¹³ C NMR spectrum of compound 3 in DMSO- <i>d</i> ₆	S2
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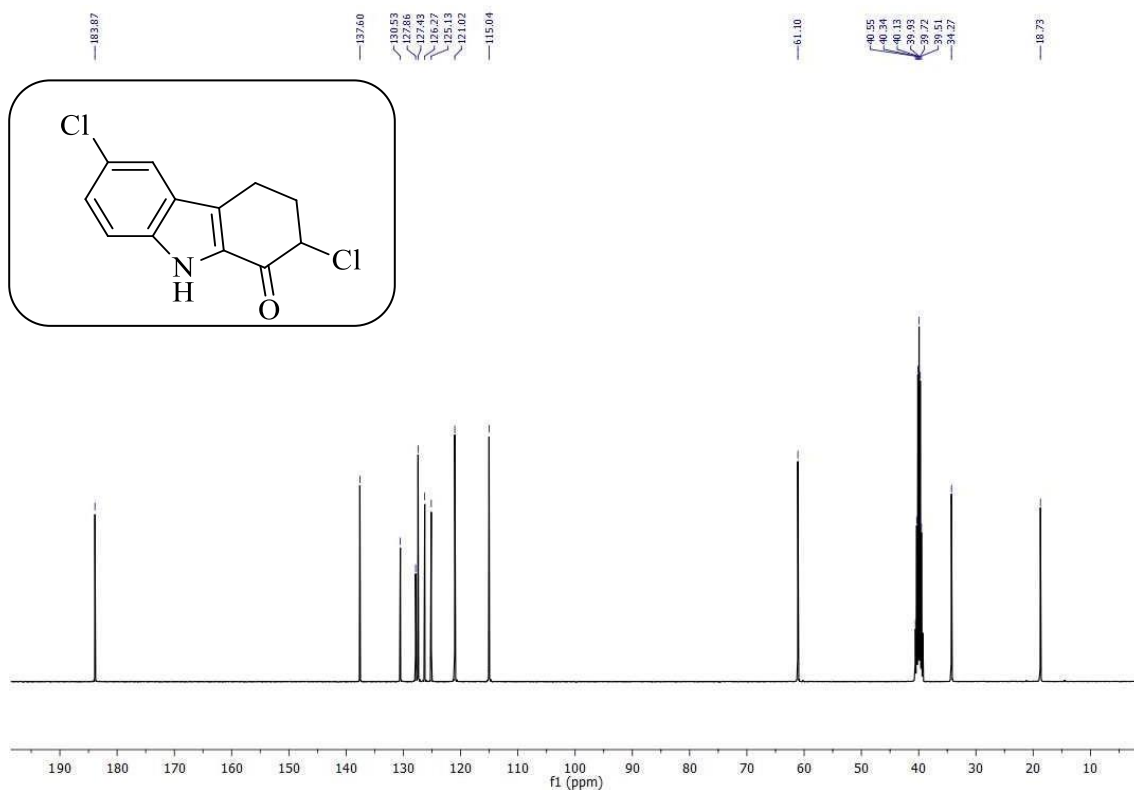
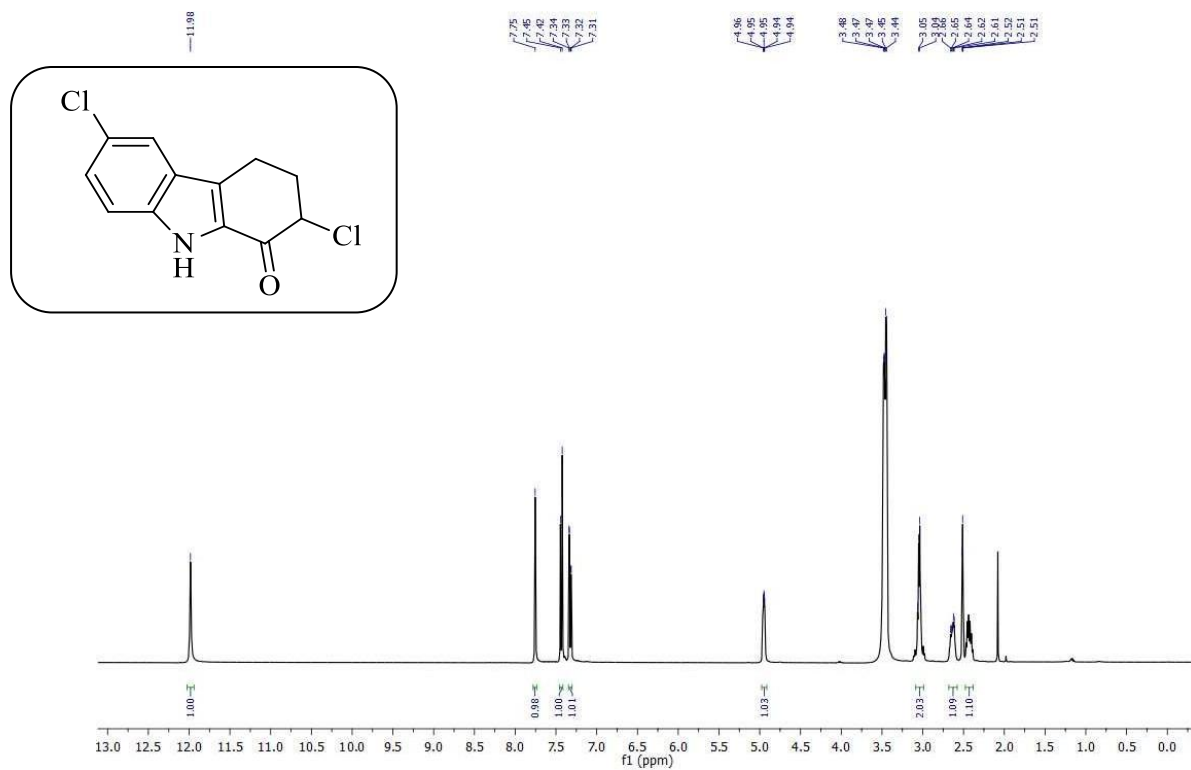




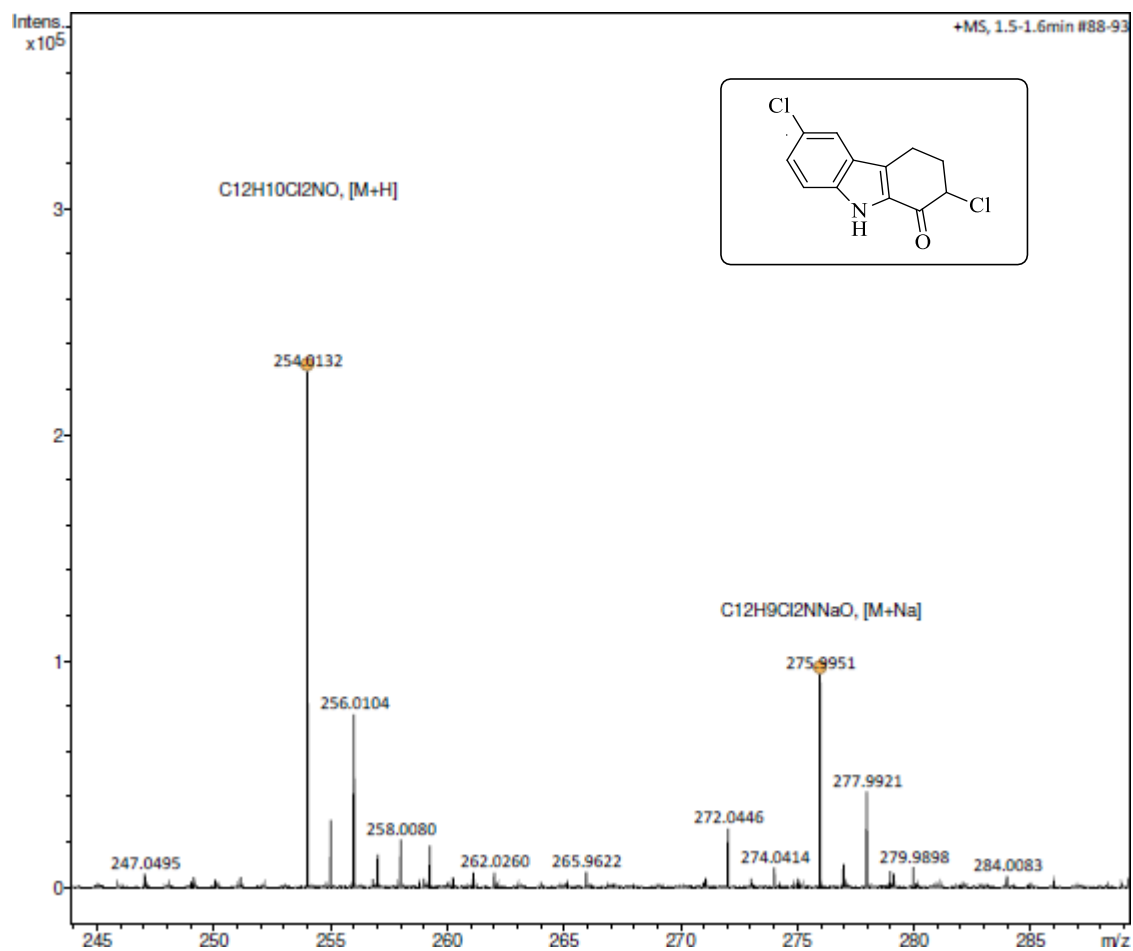
^1H and ^{13}C NMR spectrum of compound 4 in $\text{DMSO}-d_6$.

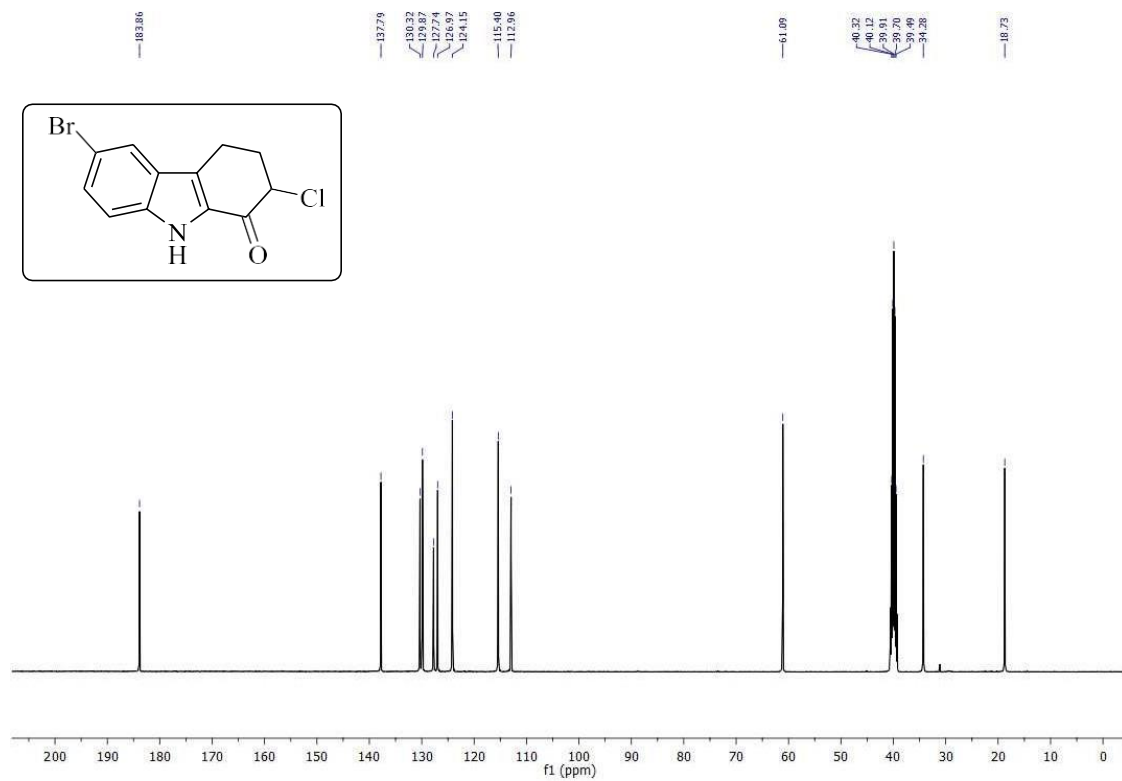
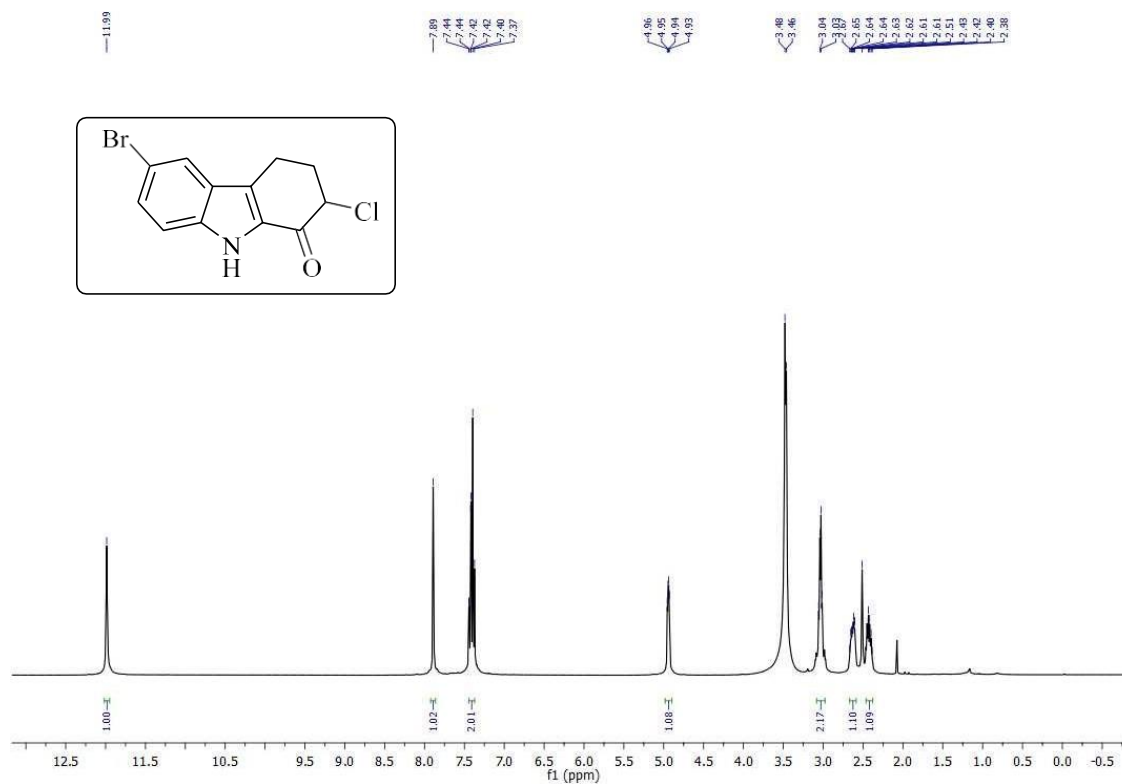
HRMS of compound 4.

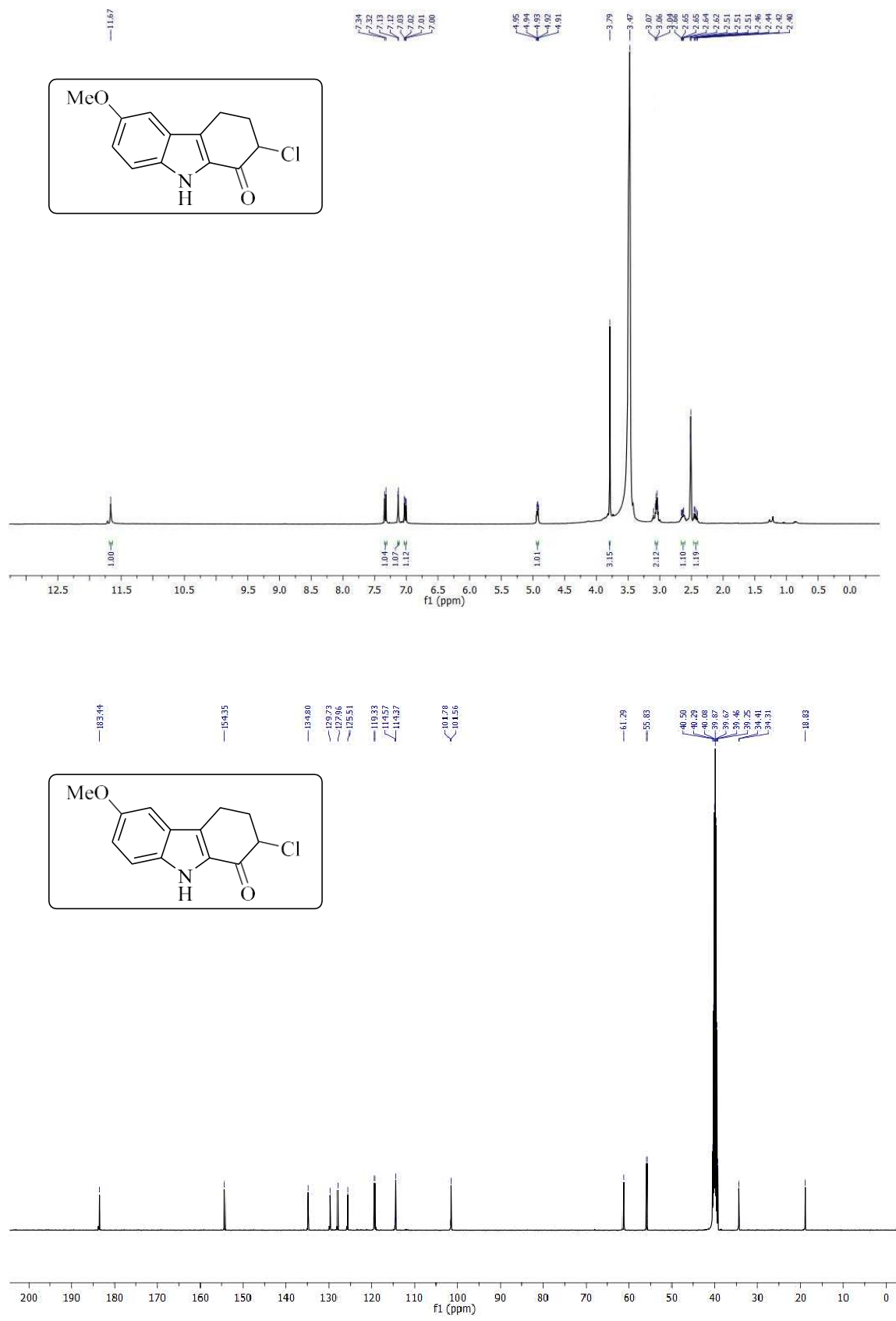


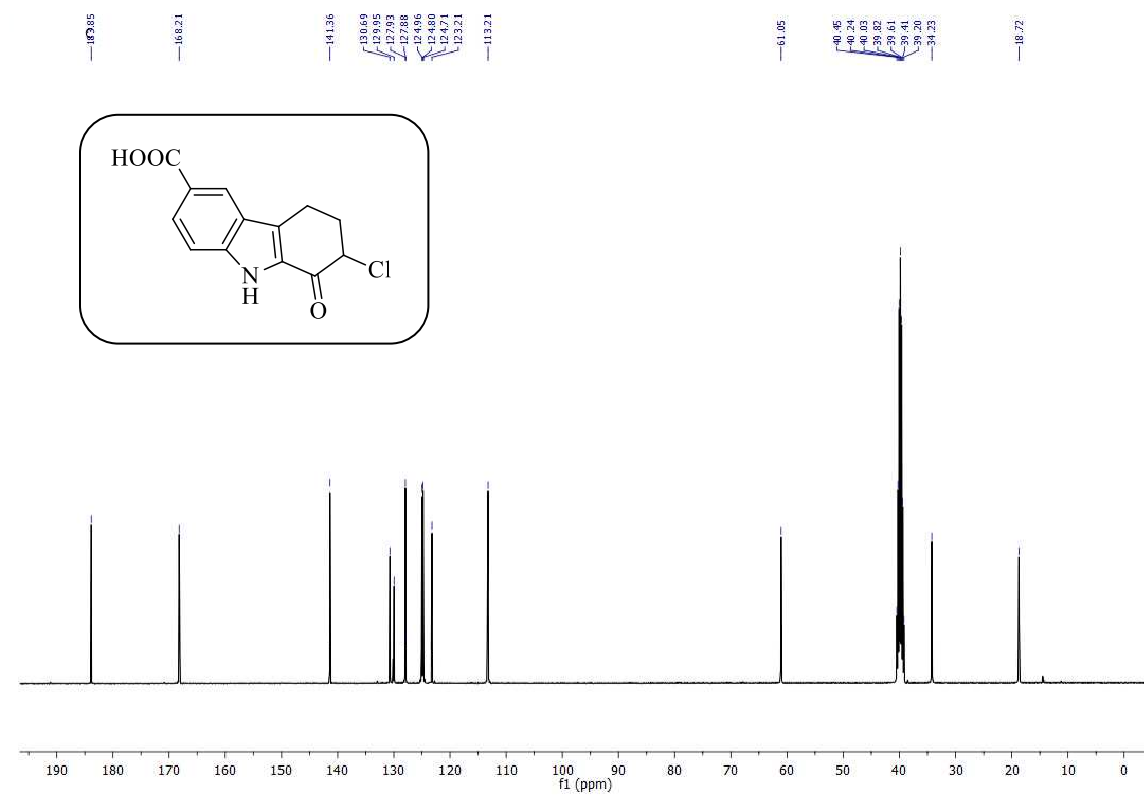
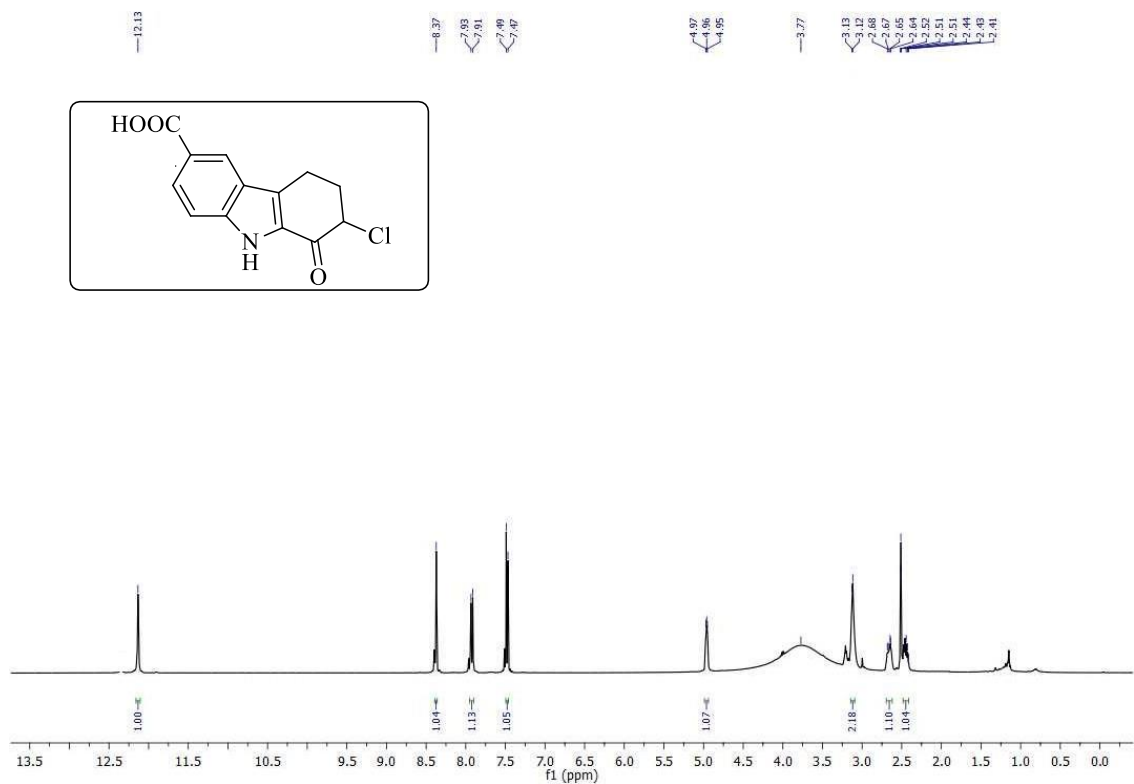
^1H and ^{13}C NMR spectrum of compound 5 in $\text{DMSO}-d_6$.

HRMS of compound 5.

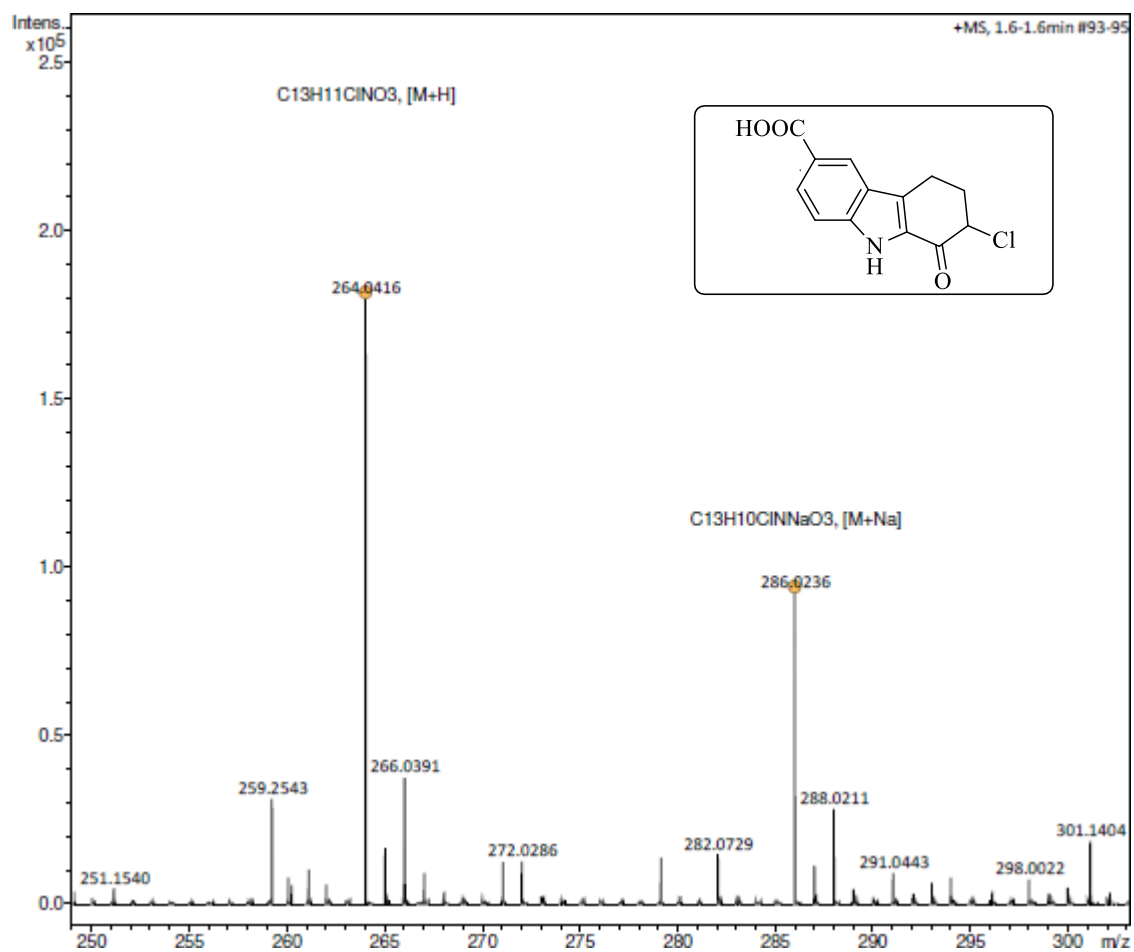


^1H and ^{13}C NMR spectrum of compound 8 in $\text{DMSO}-d_6$.

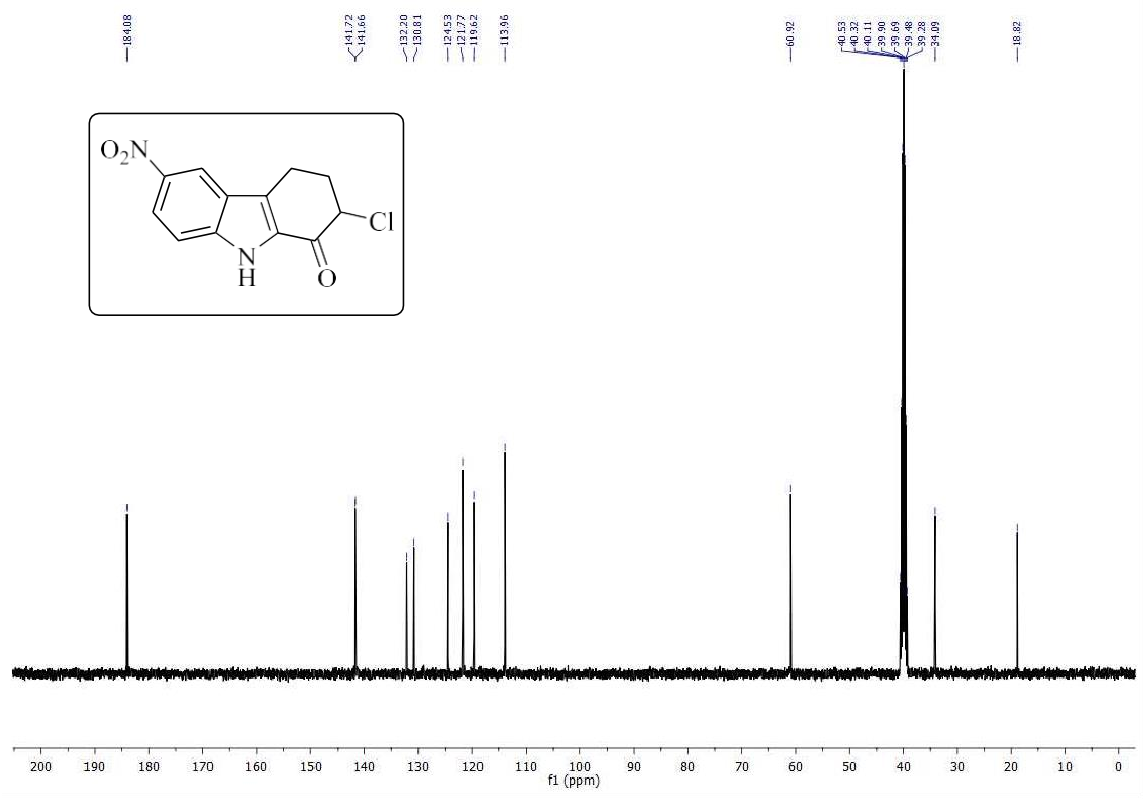
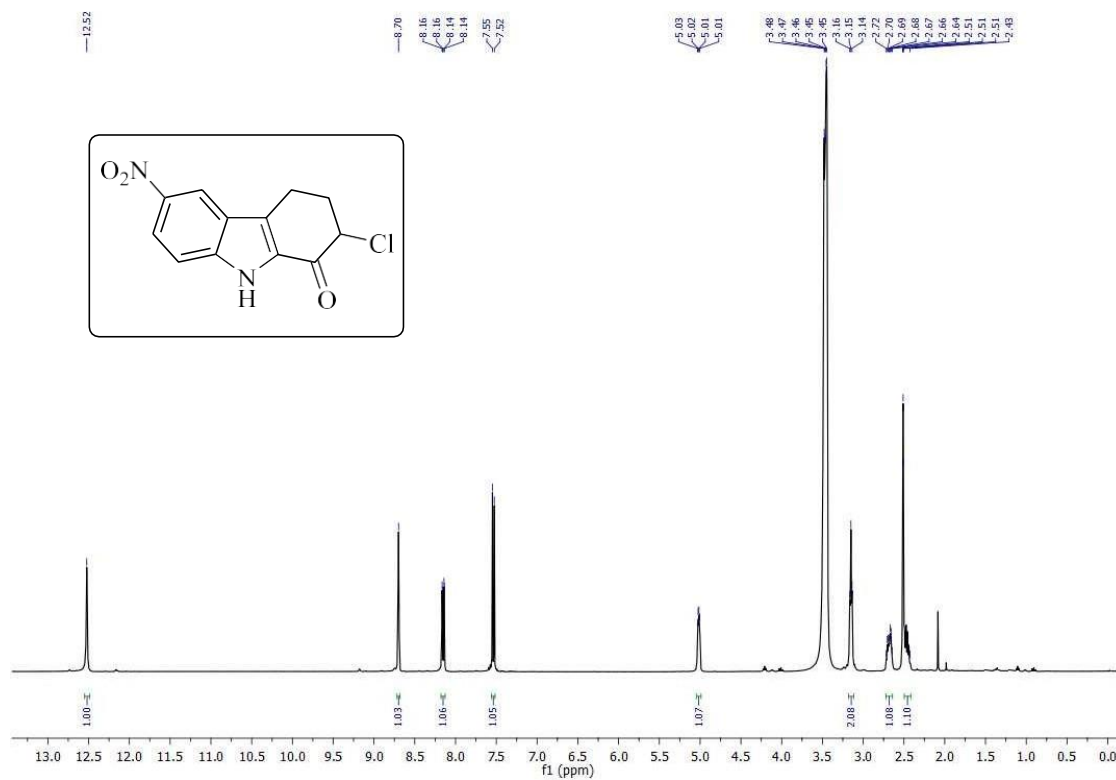
^1H and ^{13}C NMR spectrum of compound 10 in $\text{DMSO}-d_6$.

^1H and ^{13}C NMR spectrum of compound 11 in $\text{DMSO}-d_6$.

HRMS of compound 11.



^1H and ^{13}C NMR spectrum of compound 12 in DMSO- d_6 .



HRMS of compound 12.

