

SUPPORTING INFORMATION

In(OTf)₃-Catalyzed synthesis of 2-styryl quinolines: Scope and limitations of metal Lewis acids for tandem Friedländer annulation-Knoevenagel condensation

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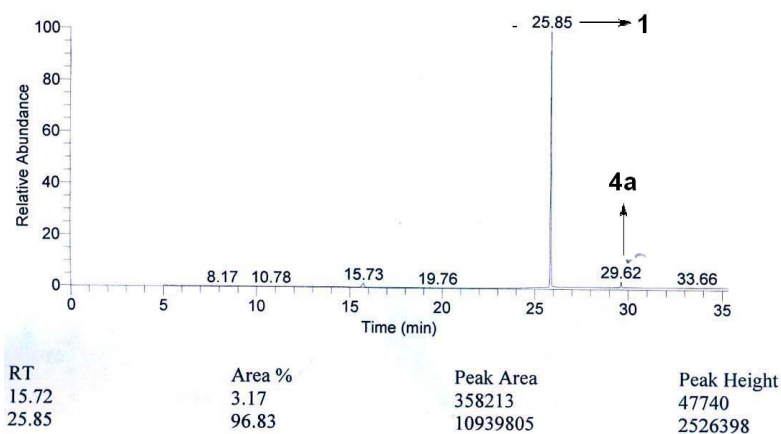
*Corresponding Author: akchakraborti@niper.ac.in; akchakraborti@rediffmail.com

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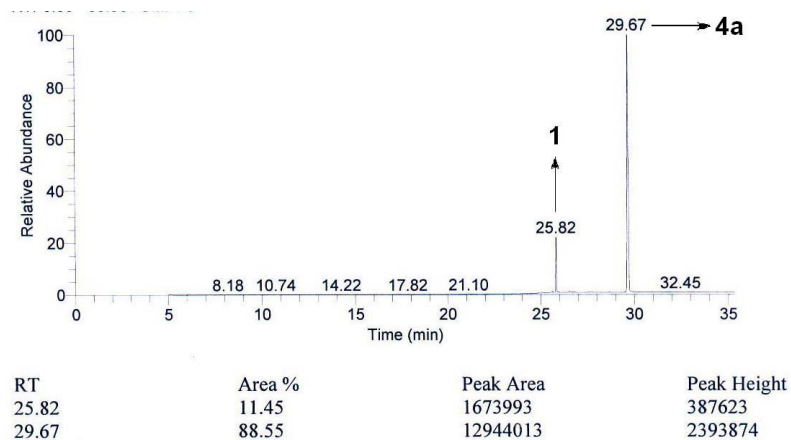
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GC-MS Spectra

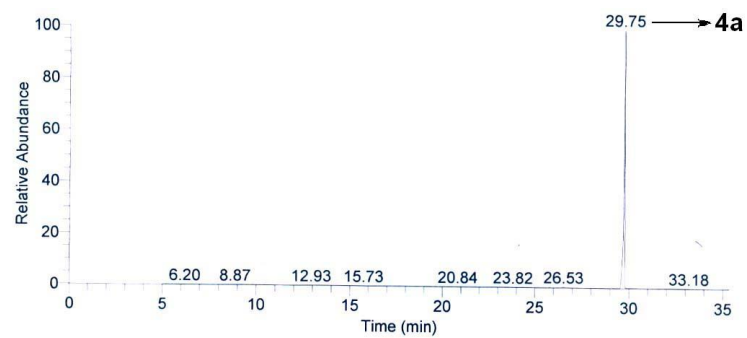
GC-MS Spectra of blank model reaction at interval of 1h before addition of **3**



GC-MS Spectra of model reaction at interval of 1h before addition of **3** catalyzed by $\text{Eu}(\text{OTf})_3$

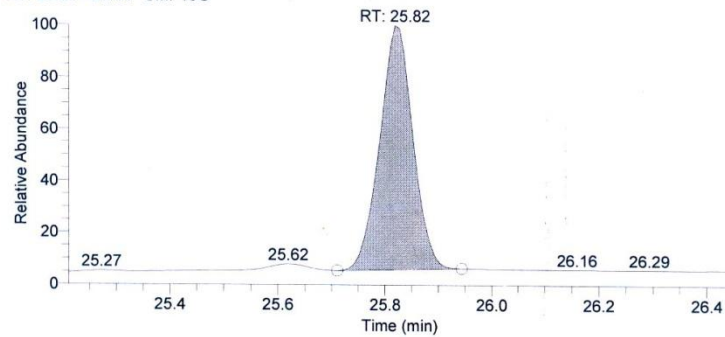


GC-MS Spectra of model reaction at interval of 1h before addition of **3** catalyzed by $\text{In}(\text{OTf})_3$



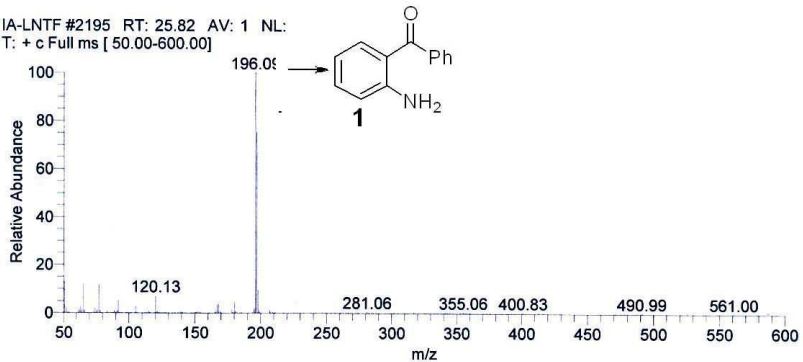
RT	Area %	Peak Area	Peak Height
26.53	0.21	48114	9653
29.75	99.79	23050964	4486084

RT: 25.21 - 26.44 SM: 15G

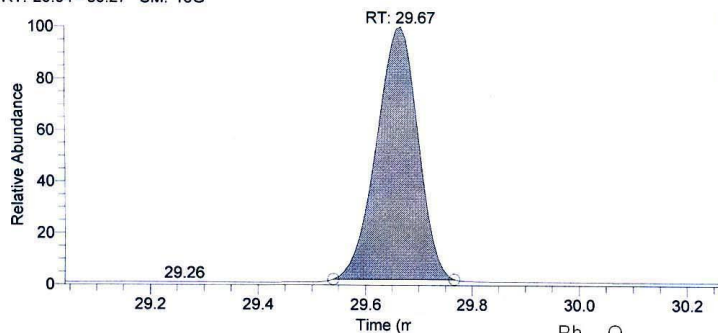


NL:
4.12E5
TIC F: MS
IA-LNTF

IA-LNTF #2195 RT: 25.82 AV: 1 NL:
T: + c Full ms [50.00-600.00]

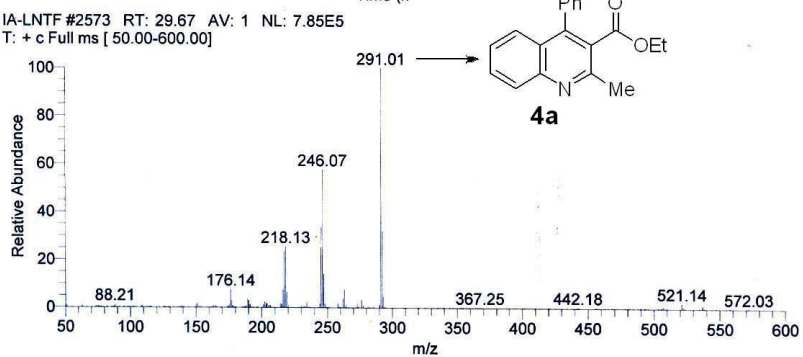


RT: 29.04 - 30.27 SM: 15G

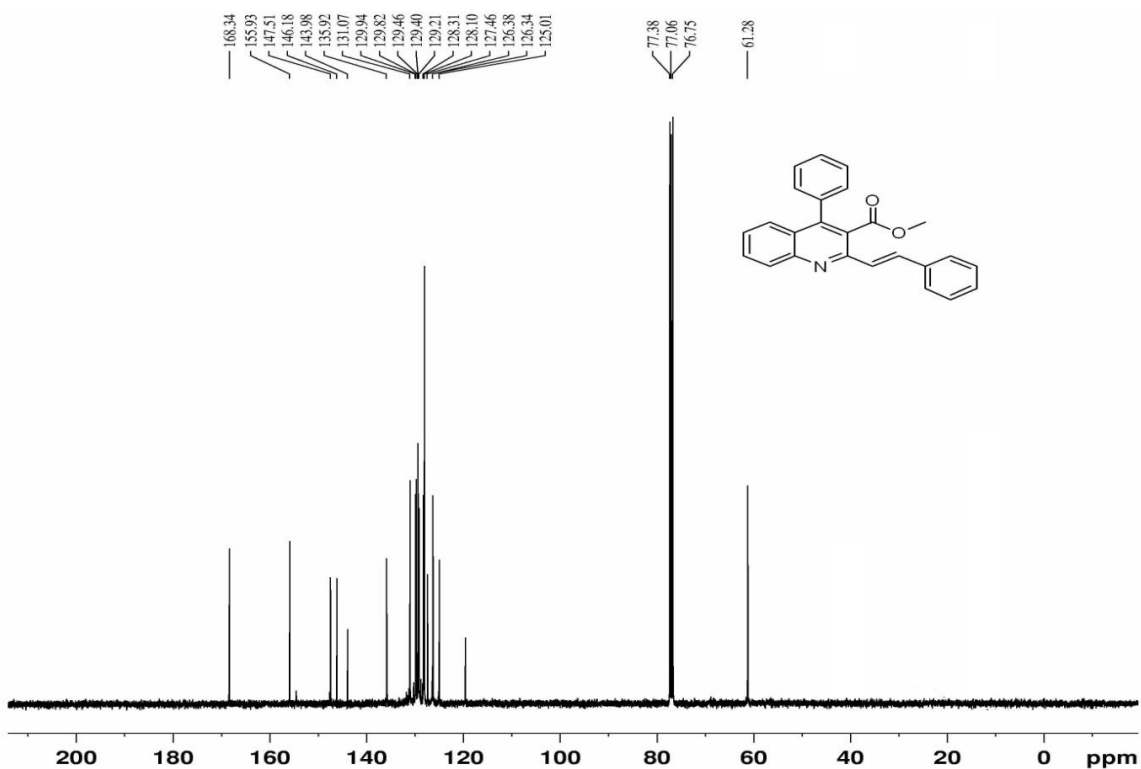
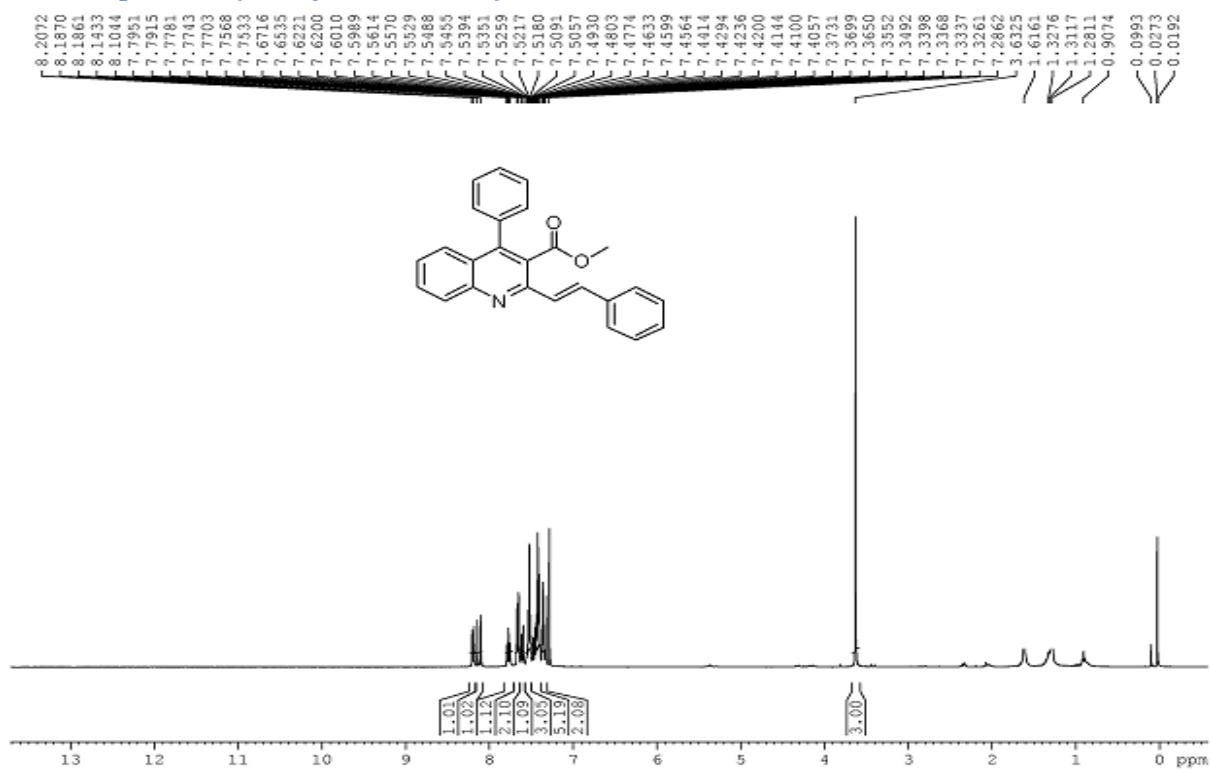


NL:
2.45E6
TIC F: MS
IA-LNTF

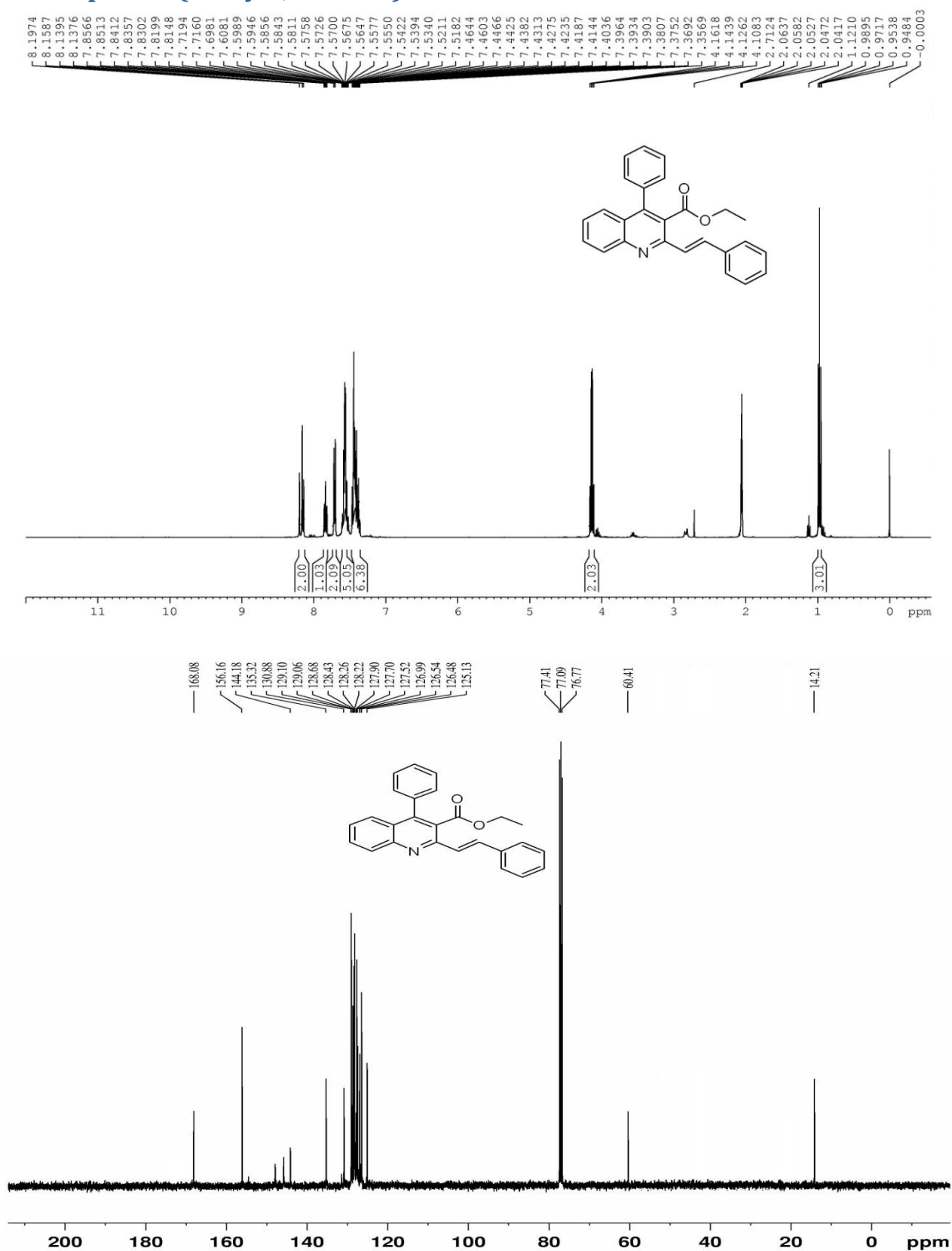
IA-LNTF #2573 RT: 29.67 AV: 1 NL: 7.85E5
T: + c Full ms [50.00-600.00]



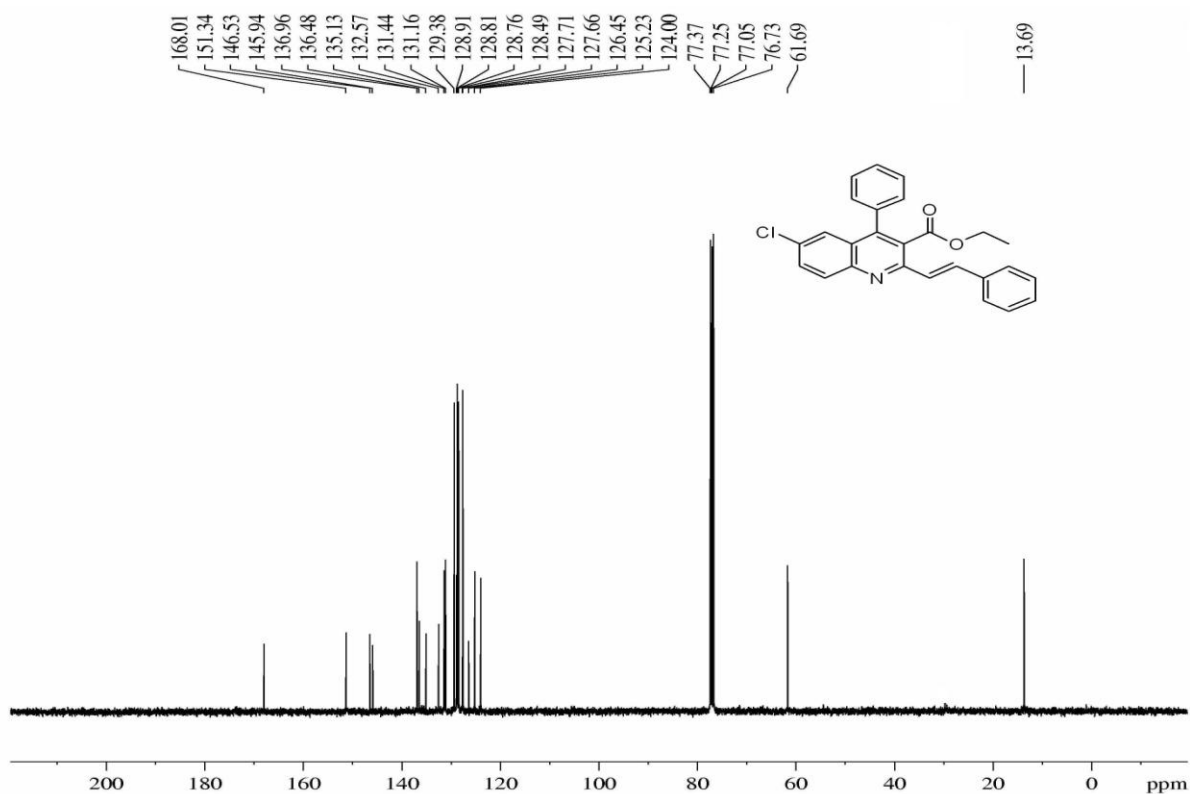
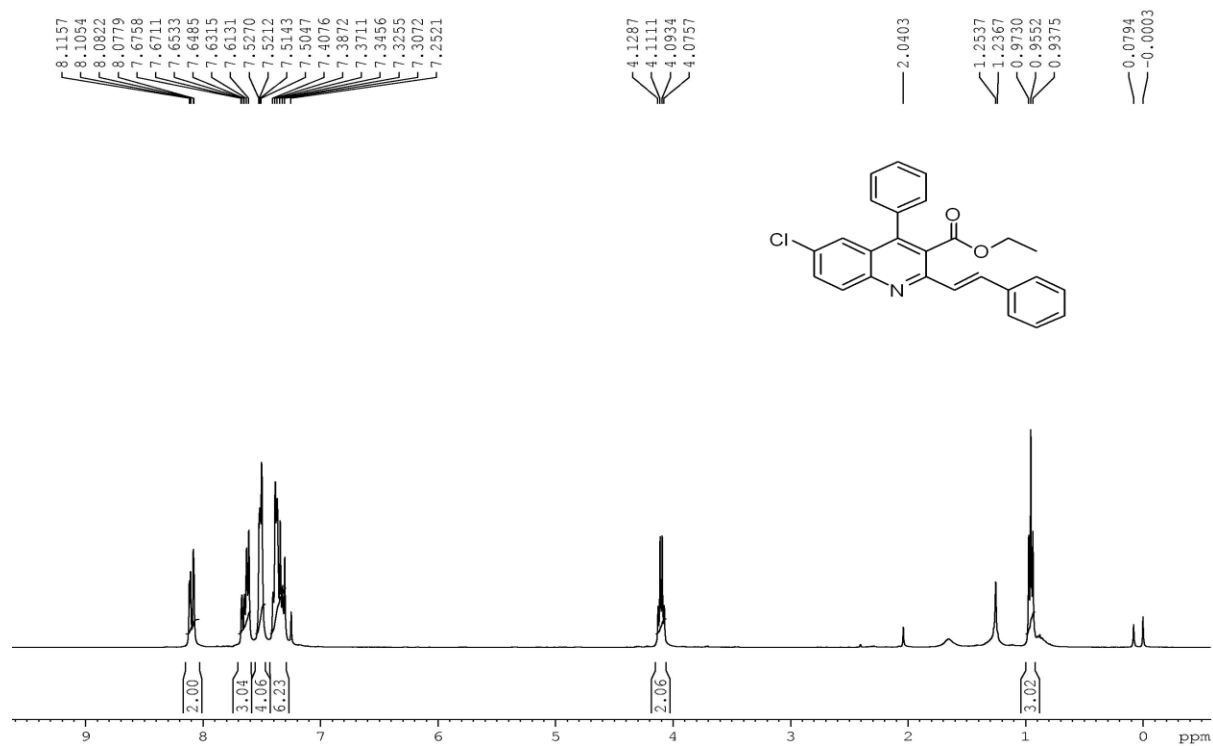
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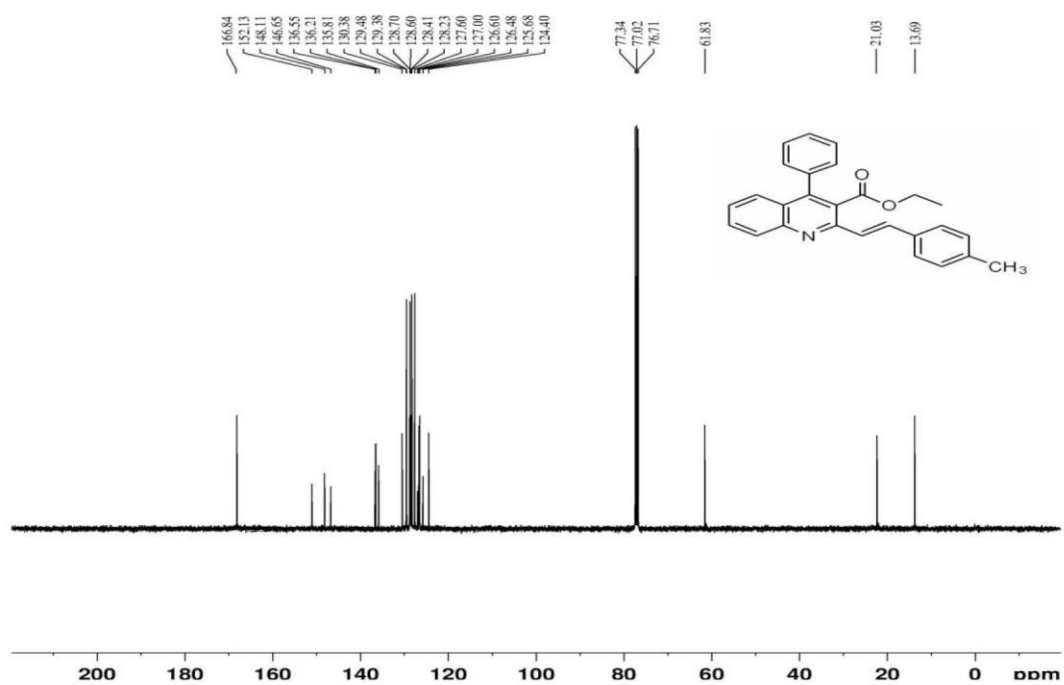
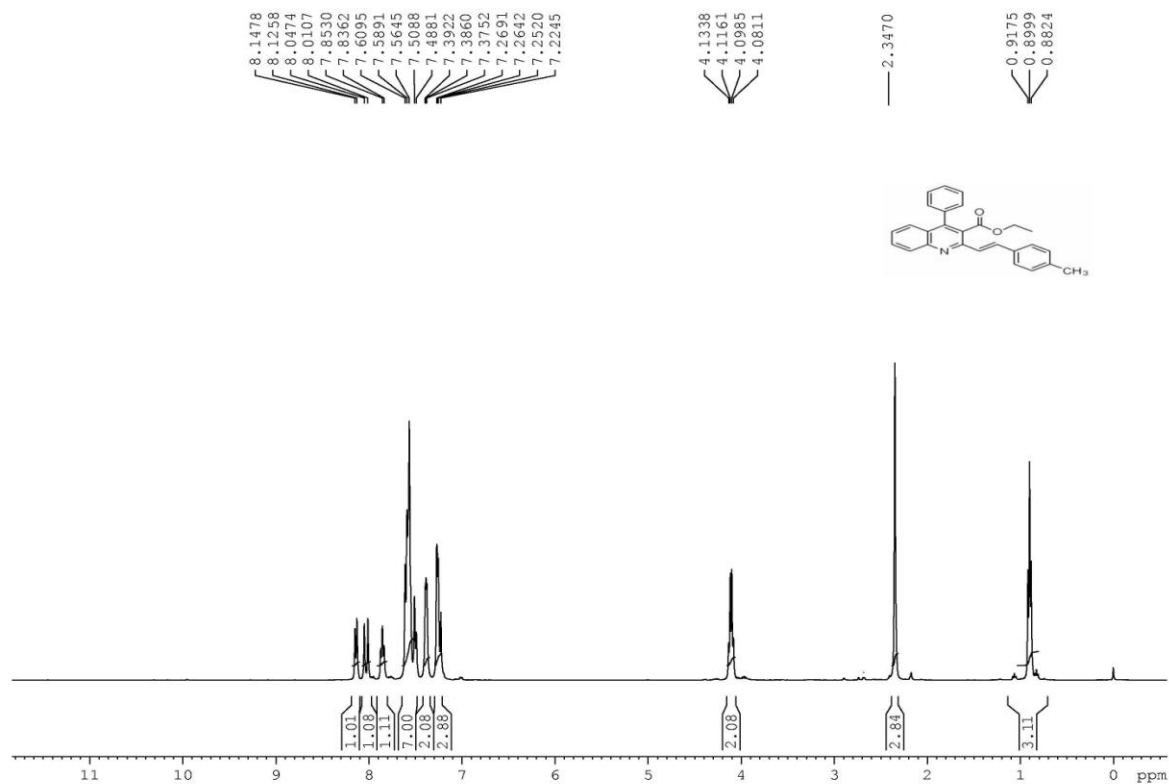
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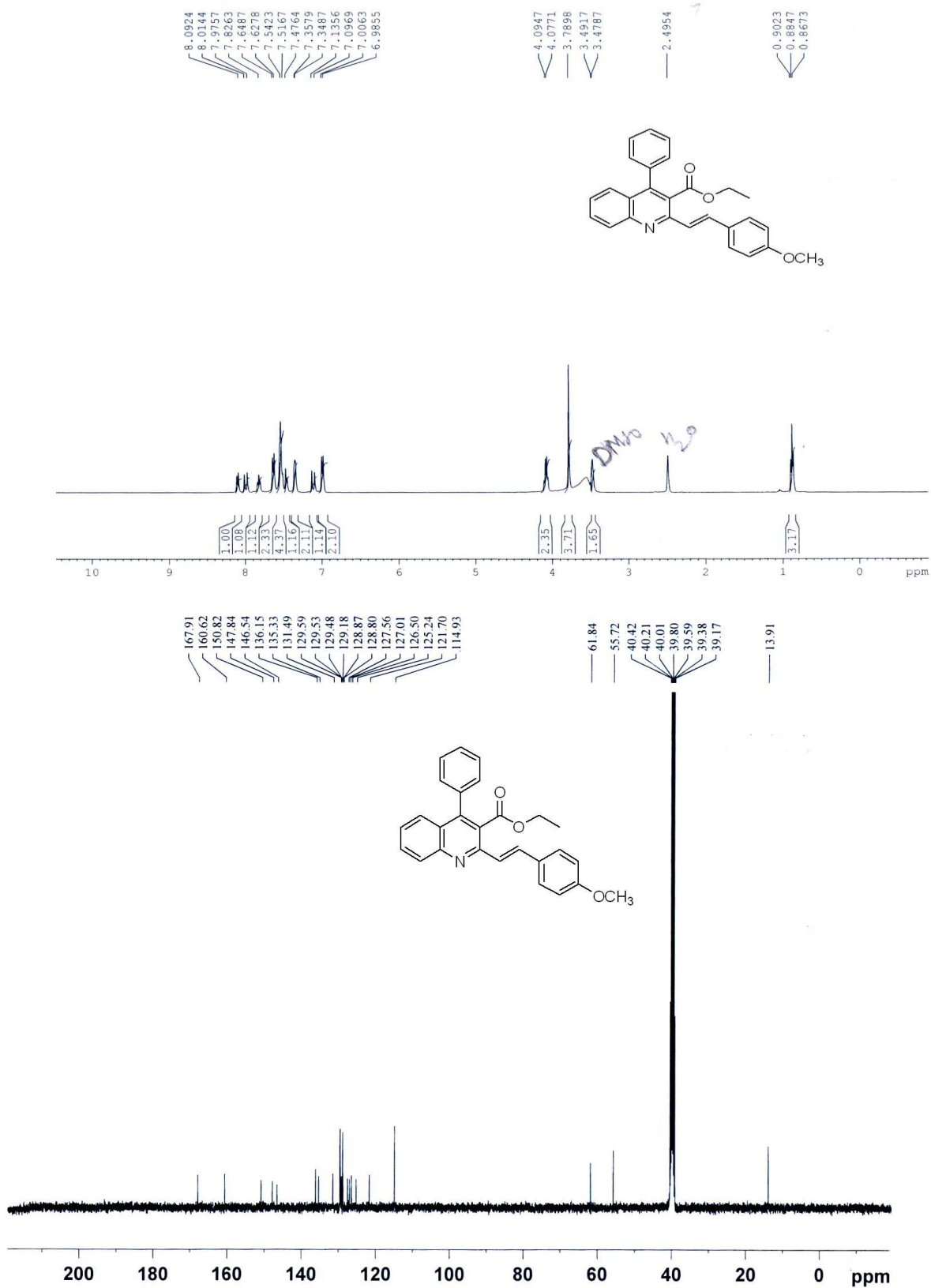
NMR Spectra (Entry 3, Table 3)



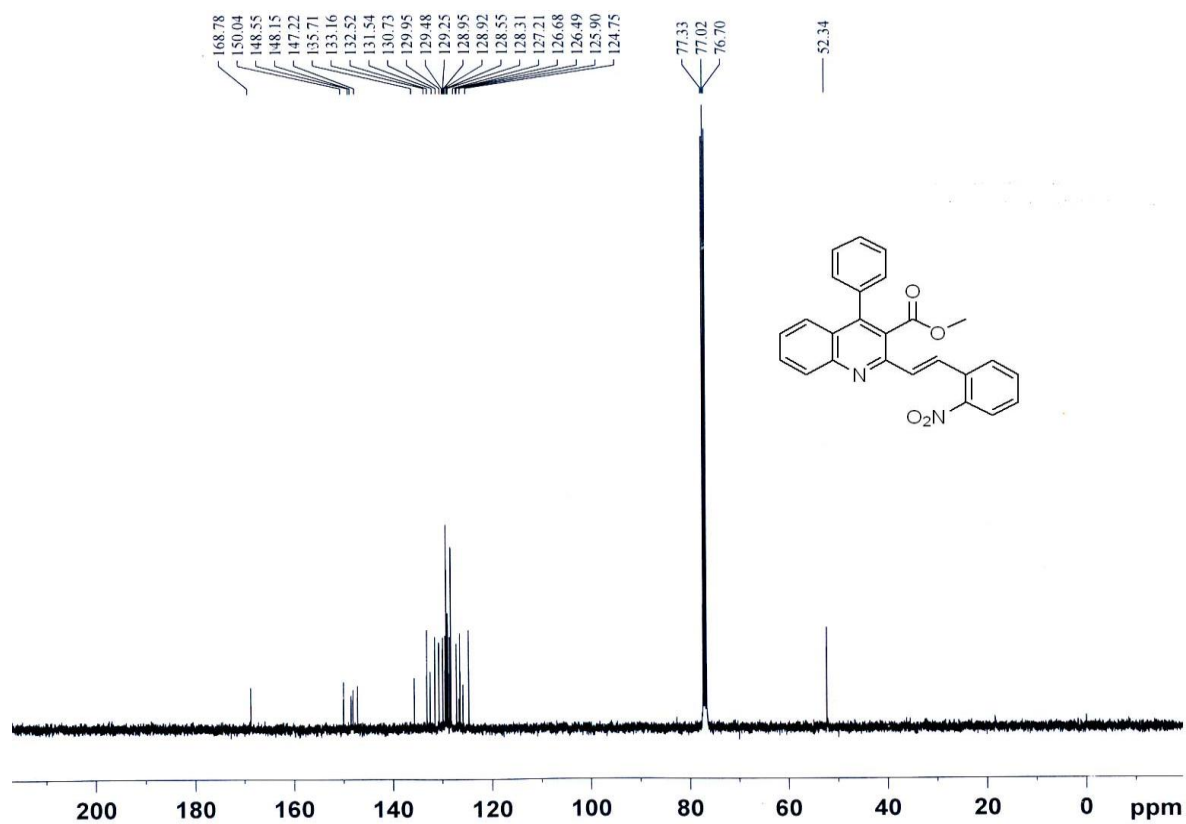
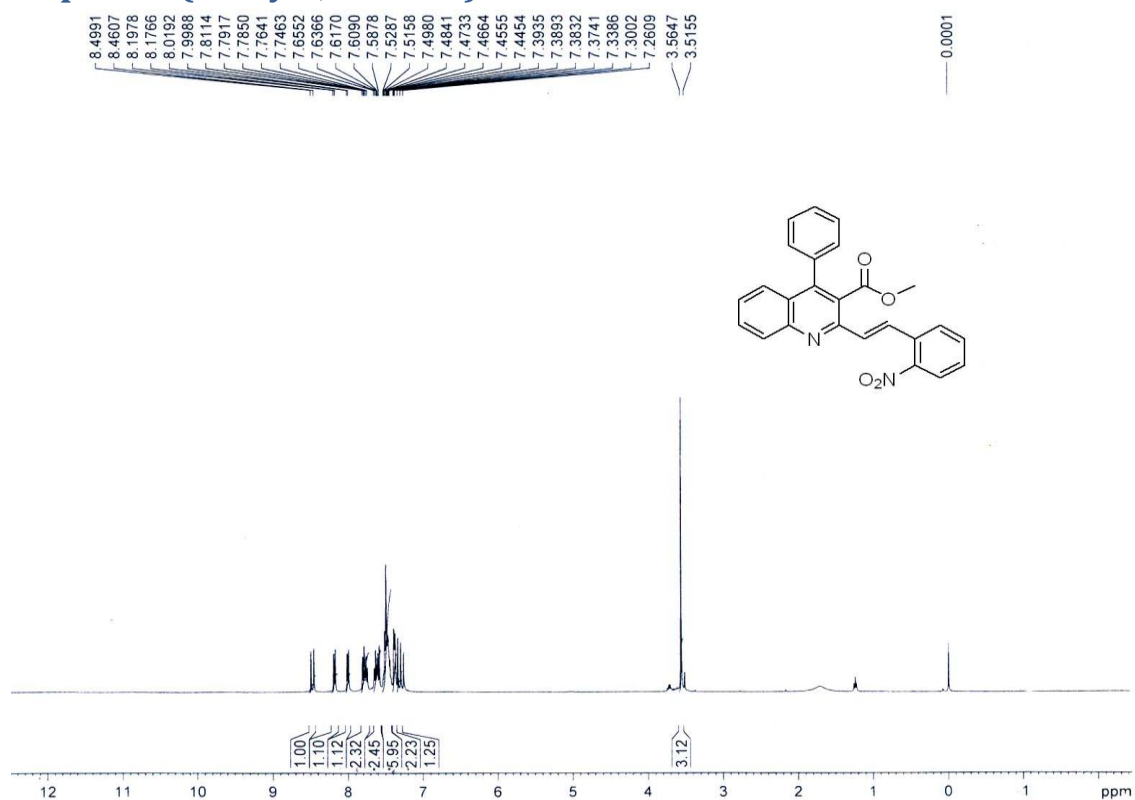
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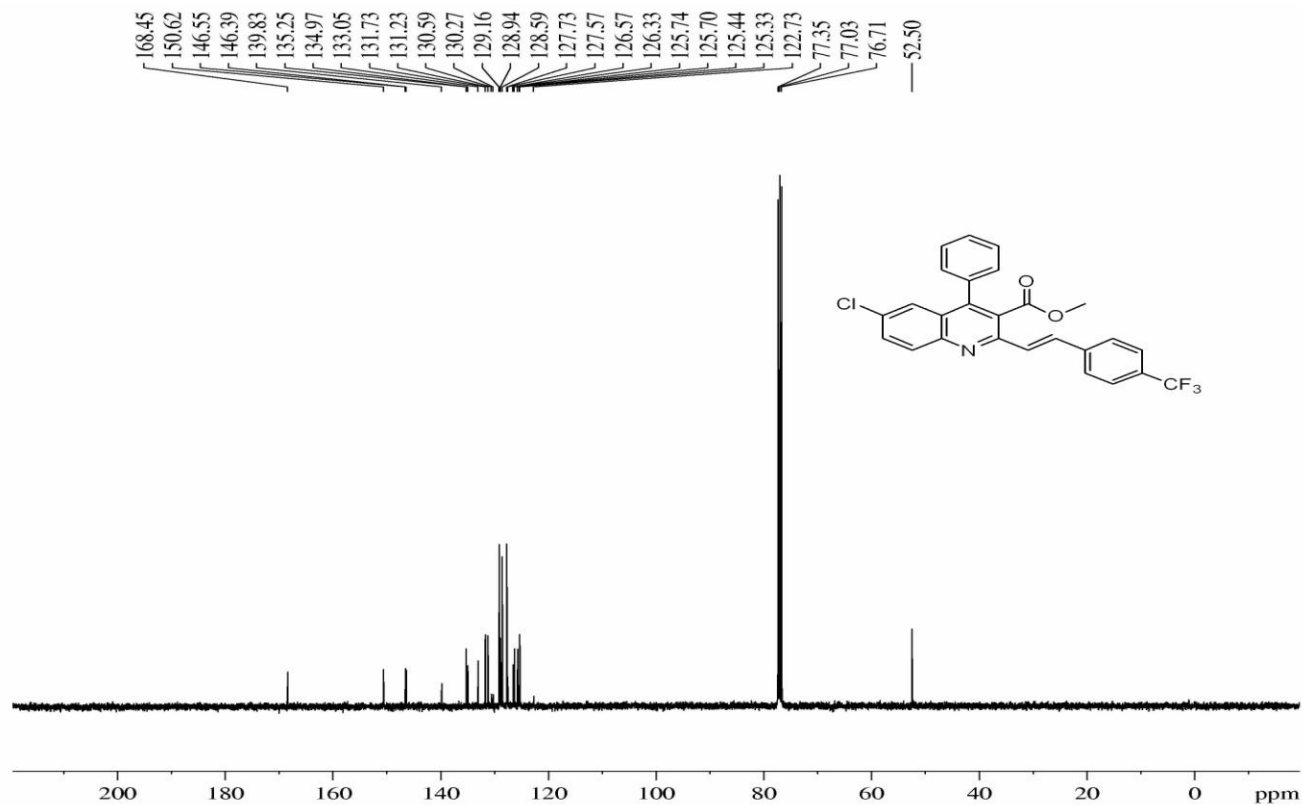
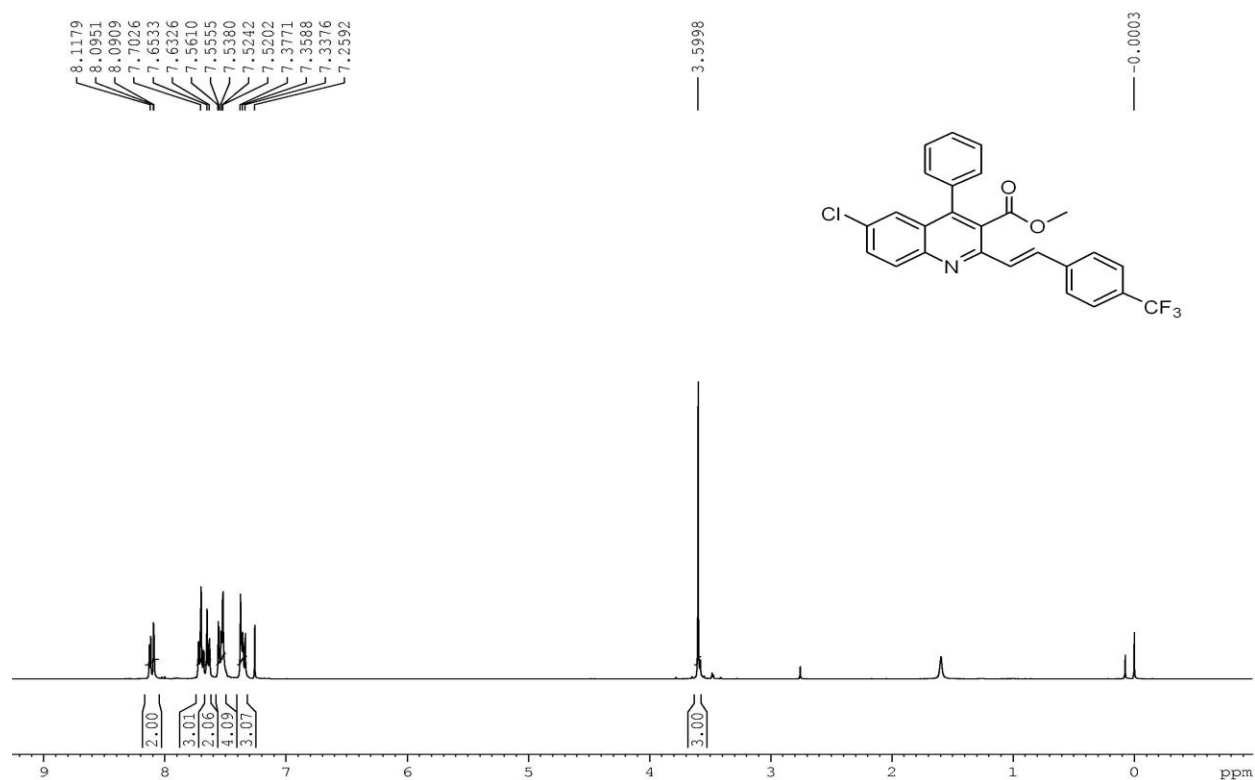
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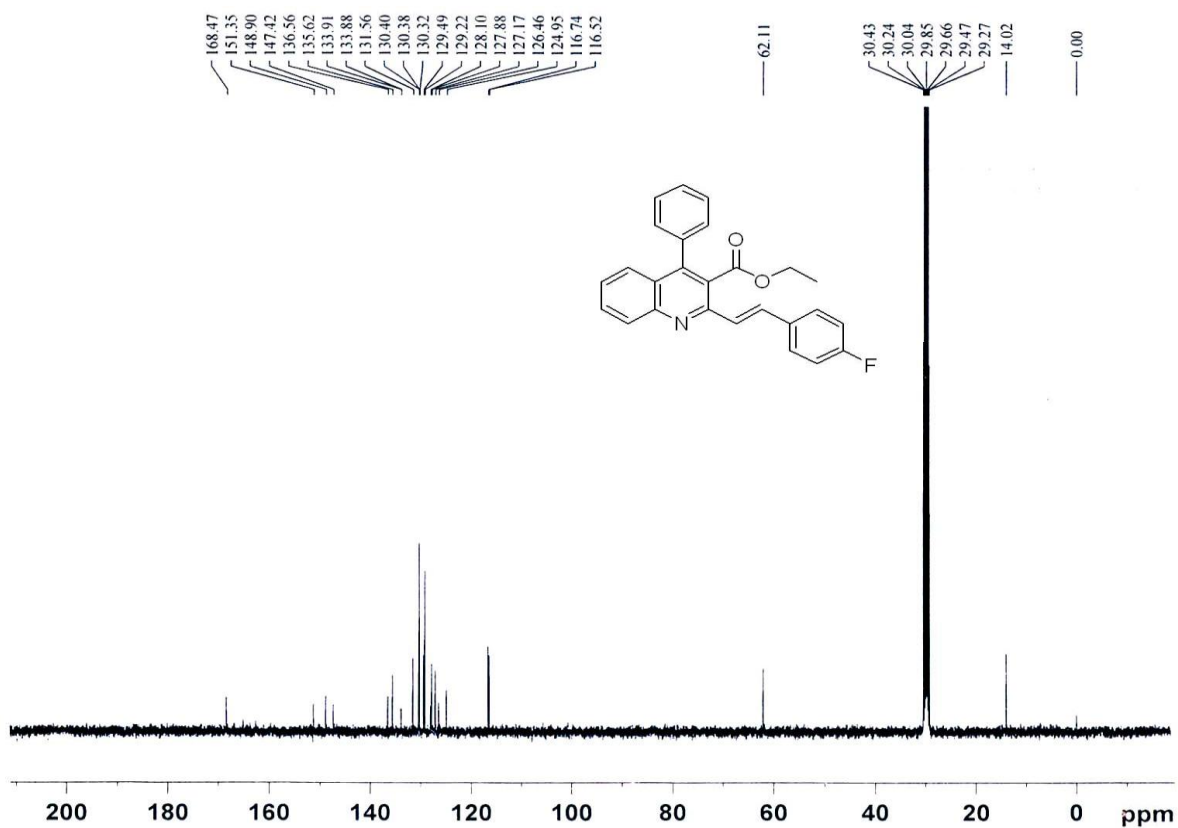
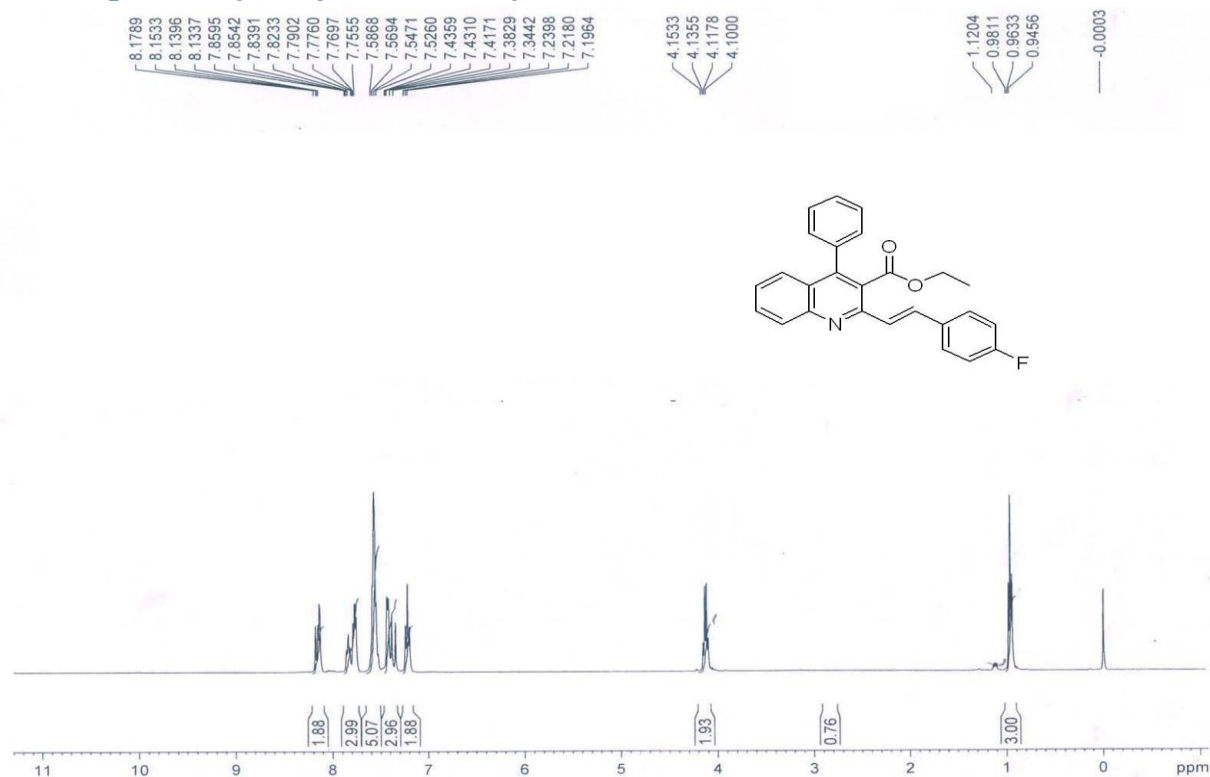
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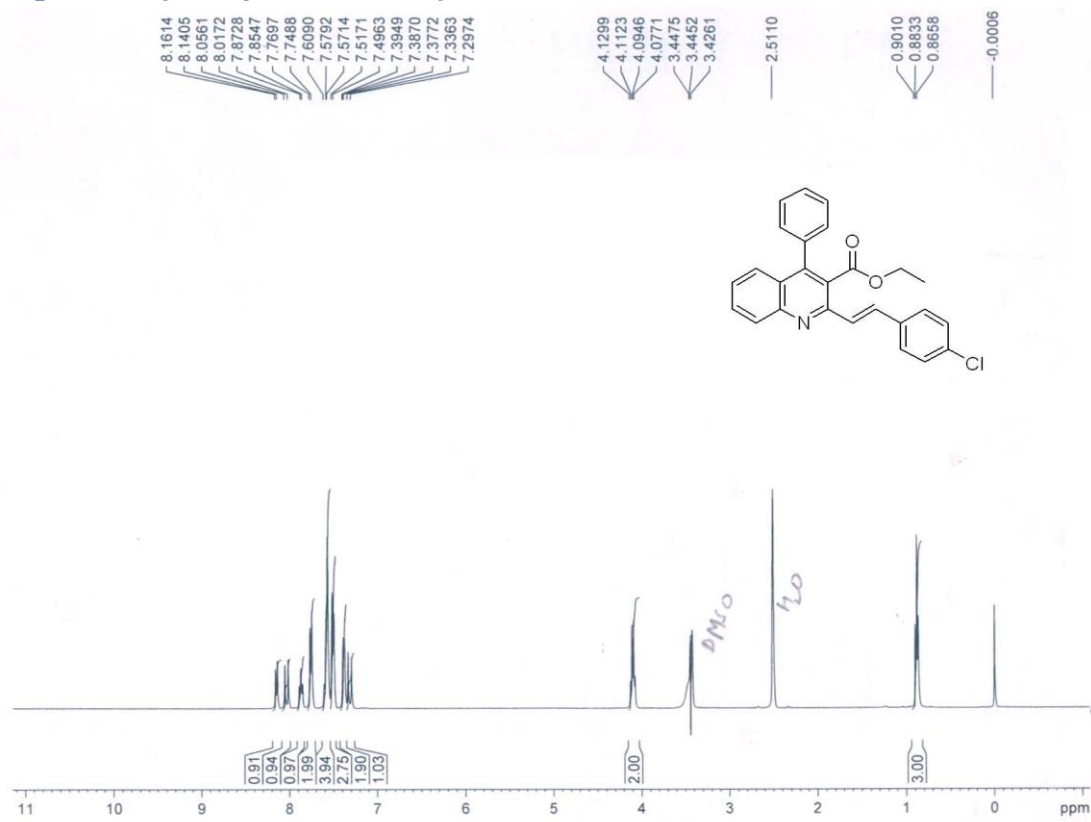
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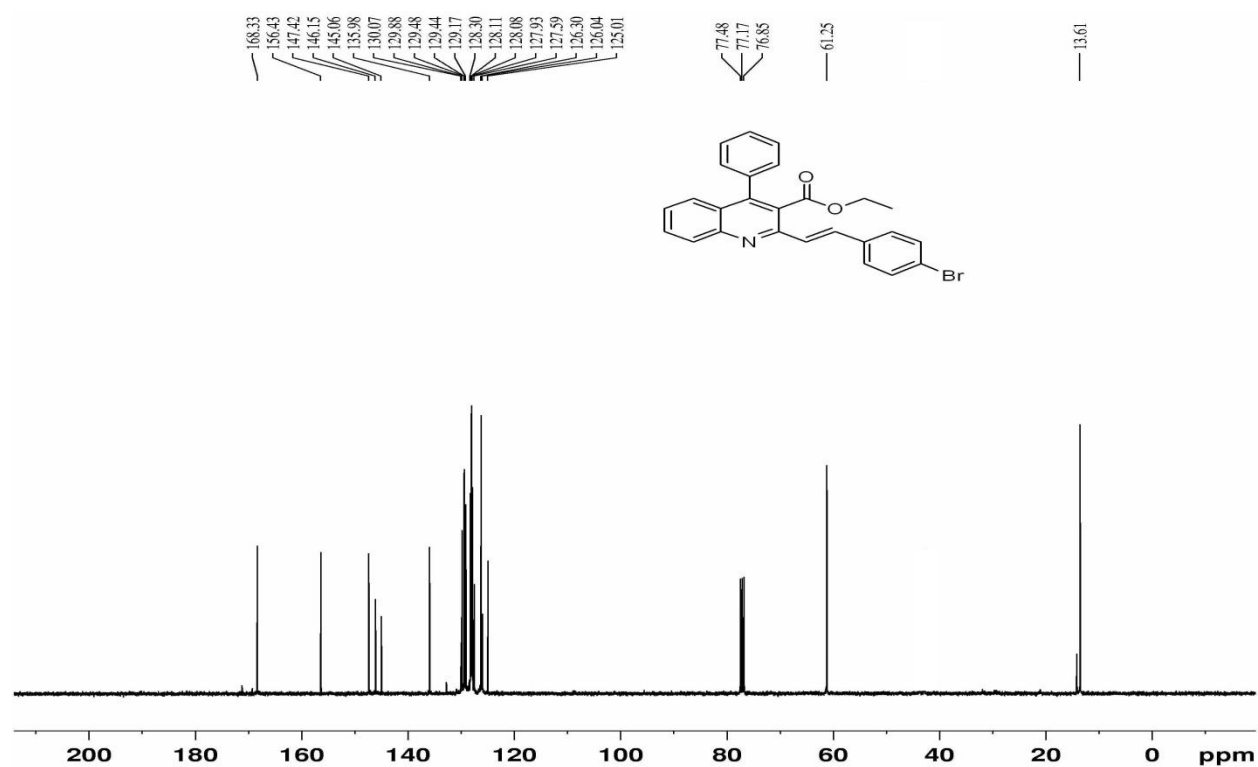
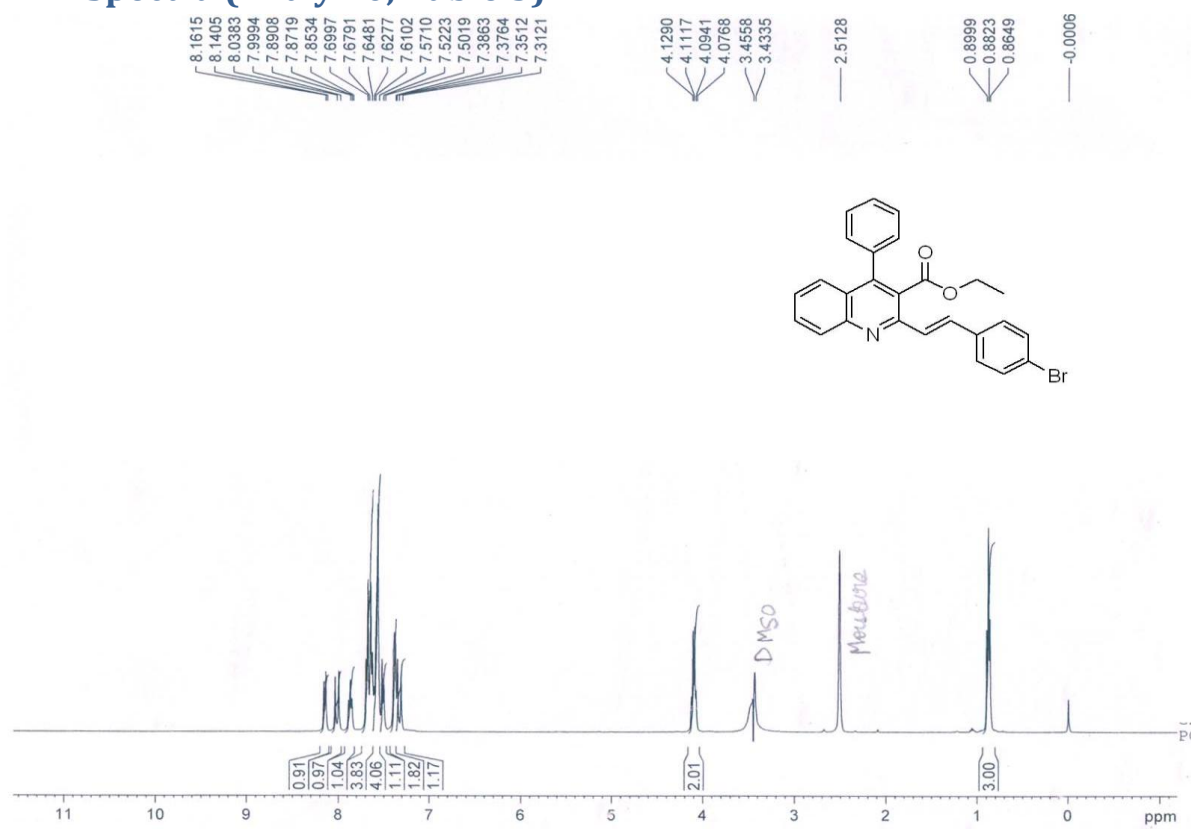
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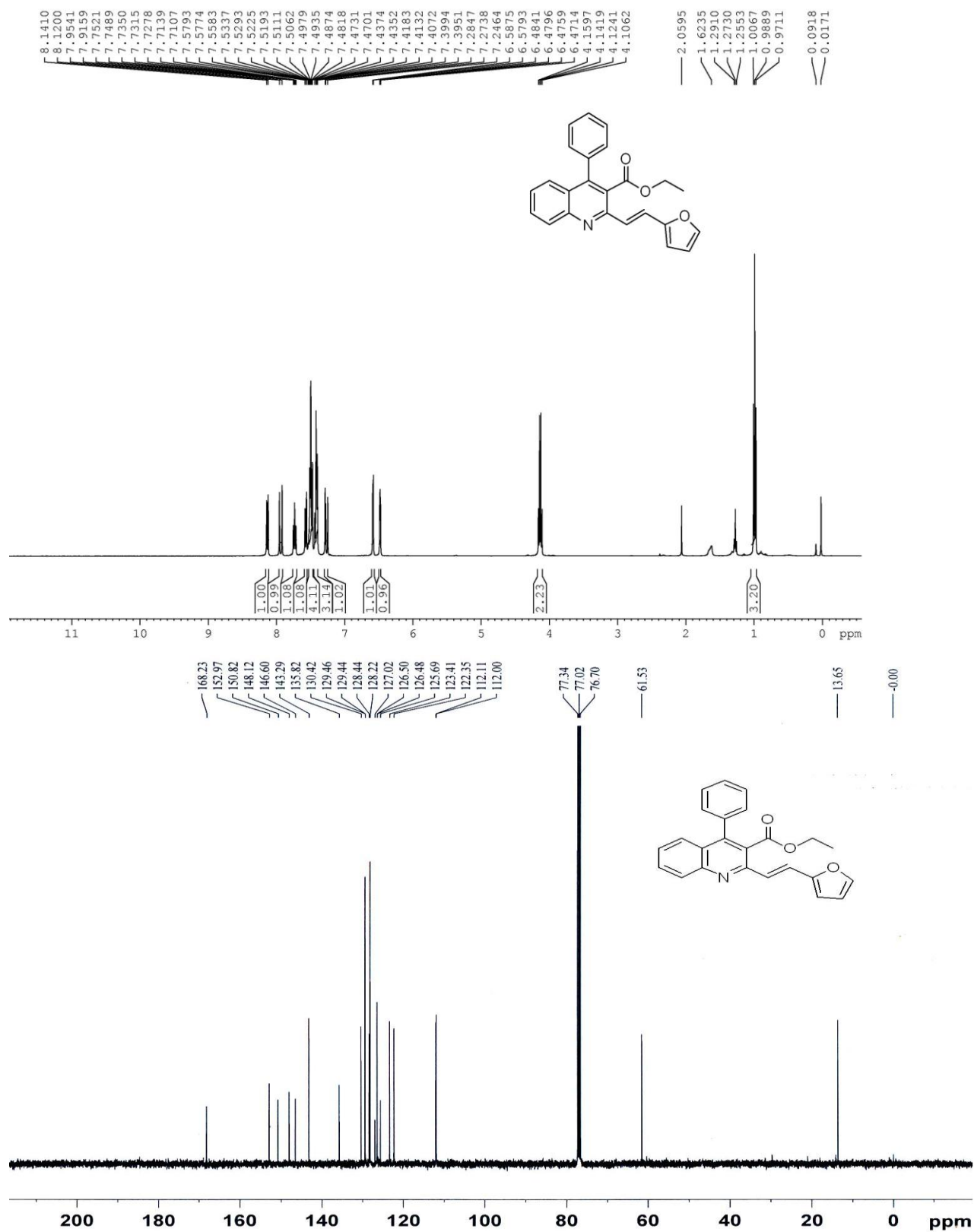
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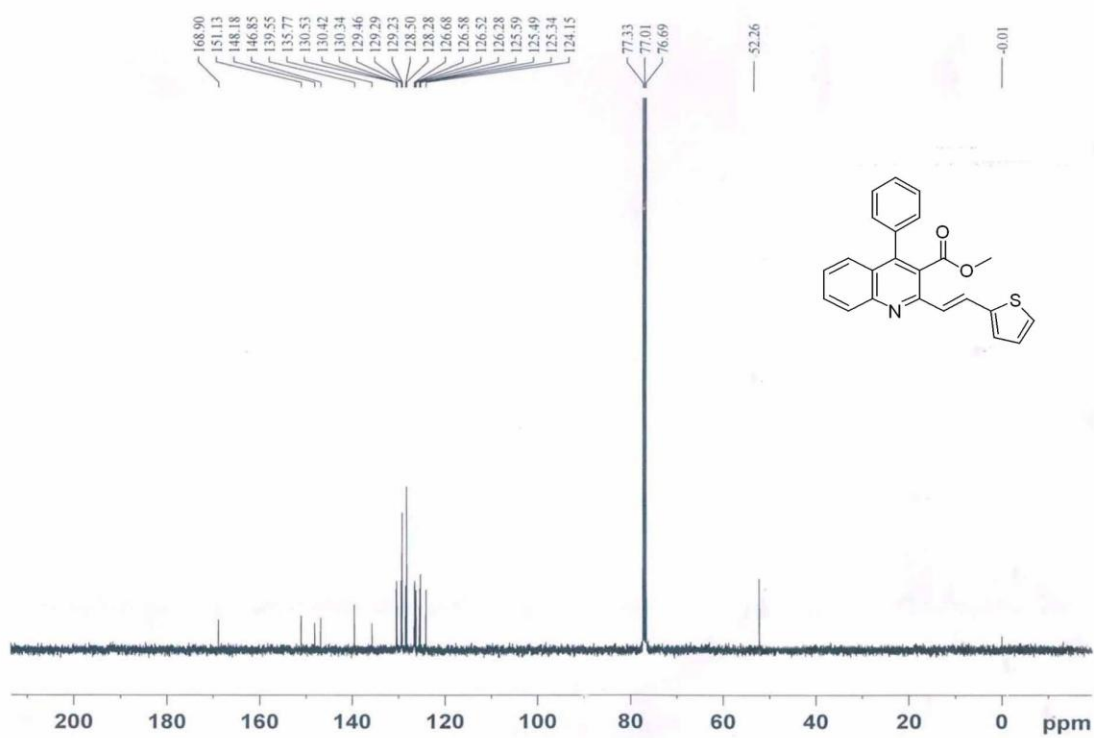
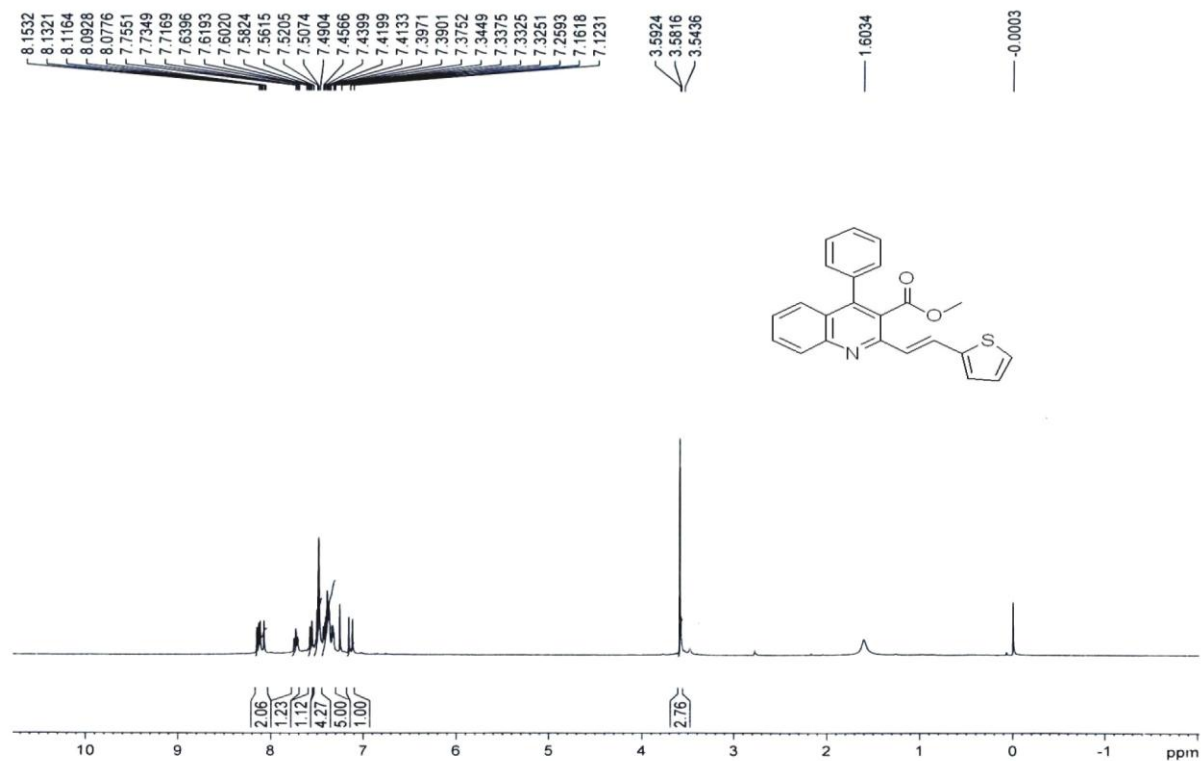
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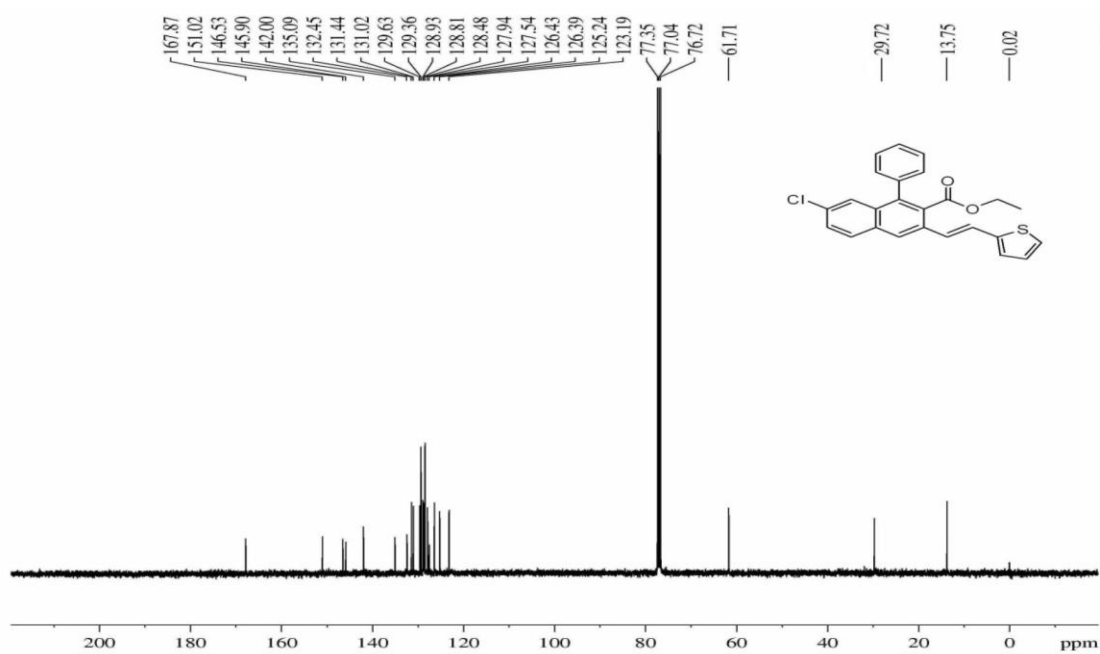
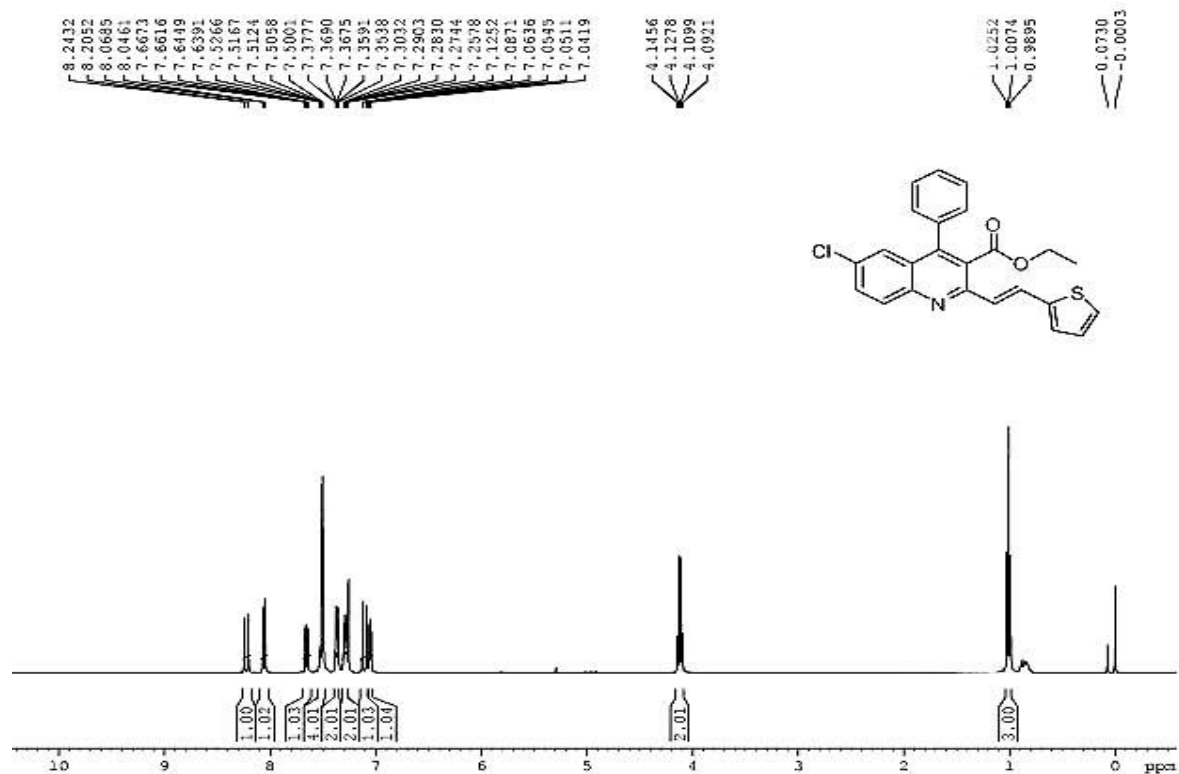
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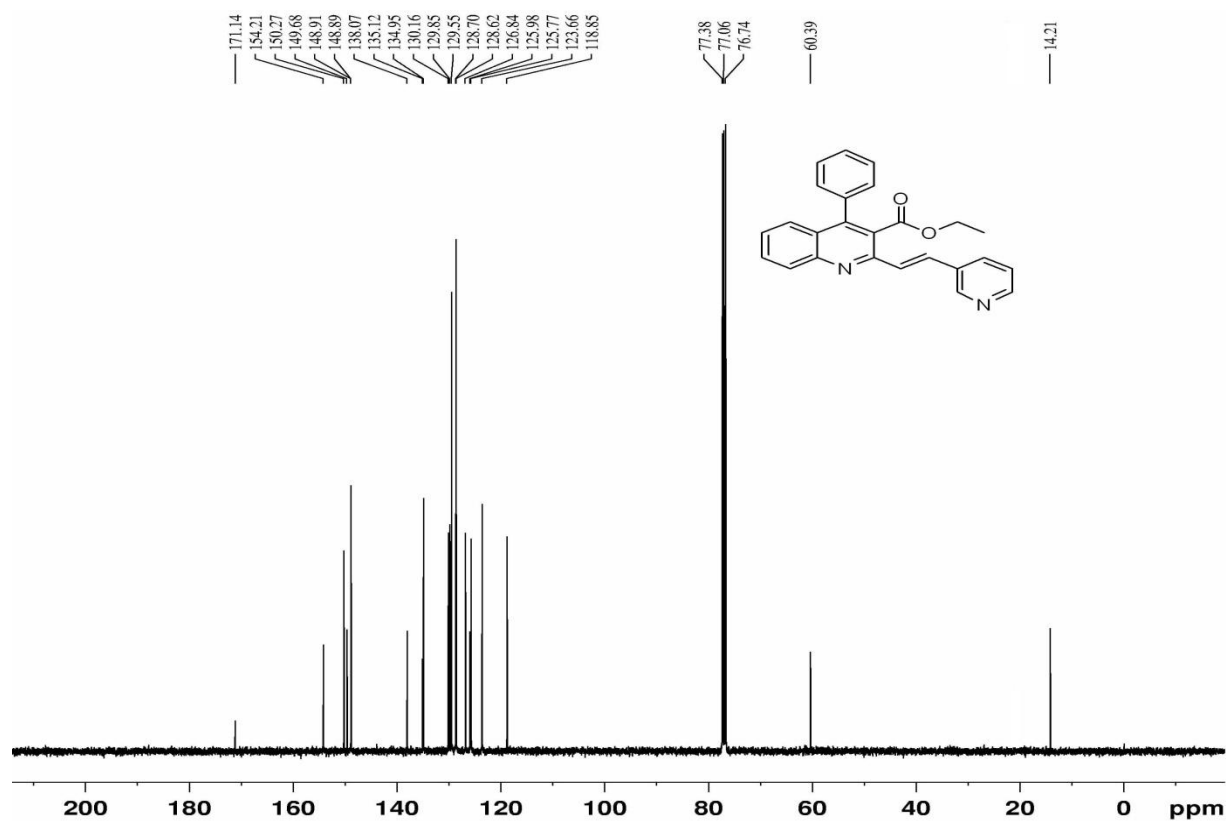
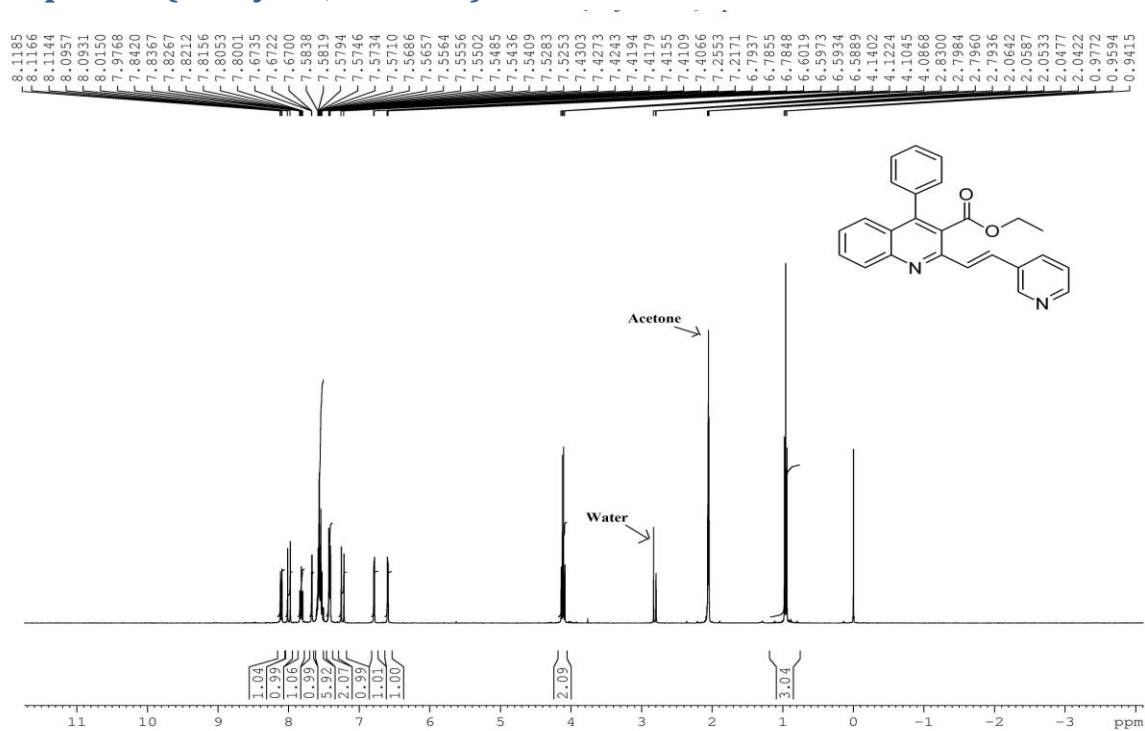
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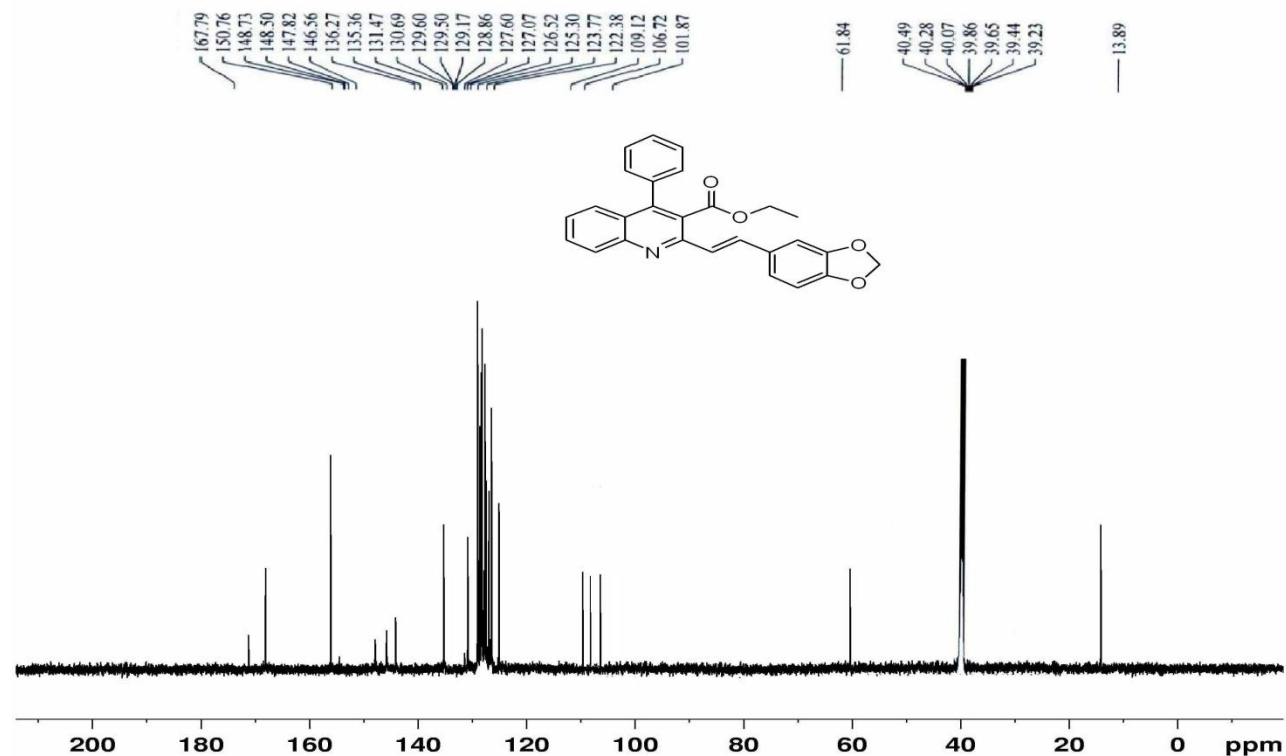
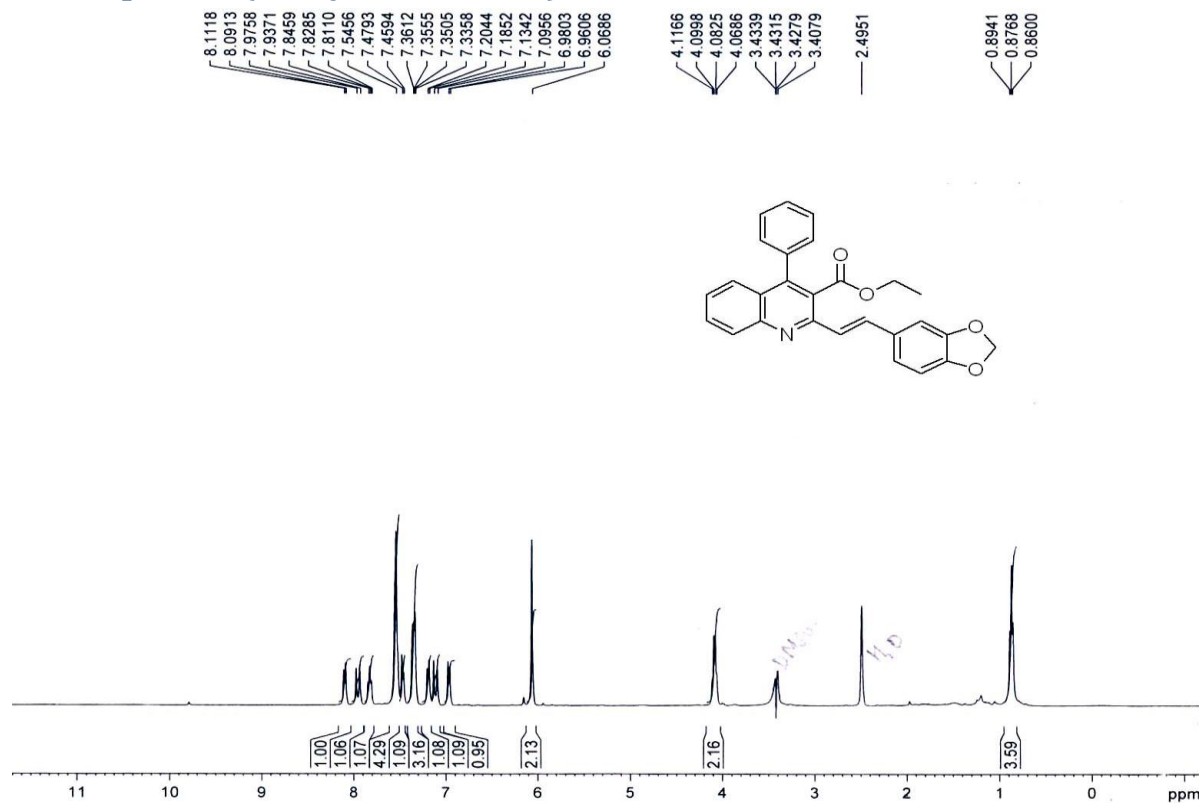
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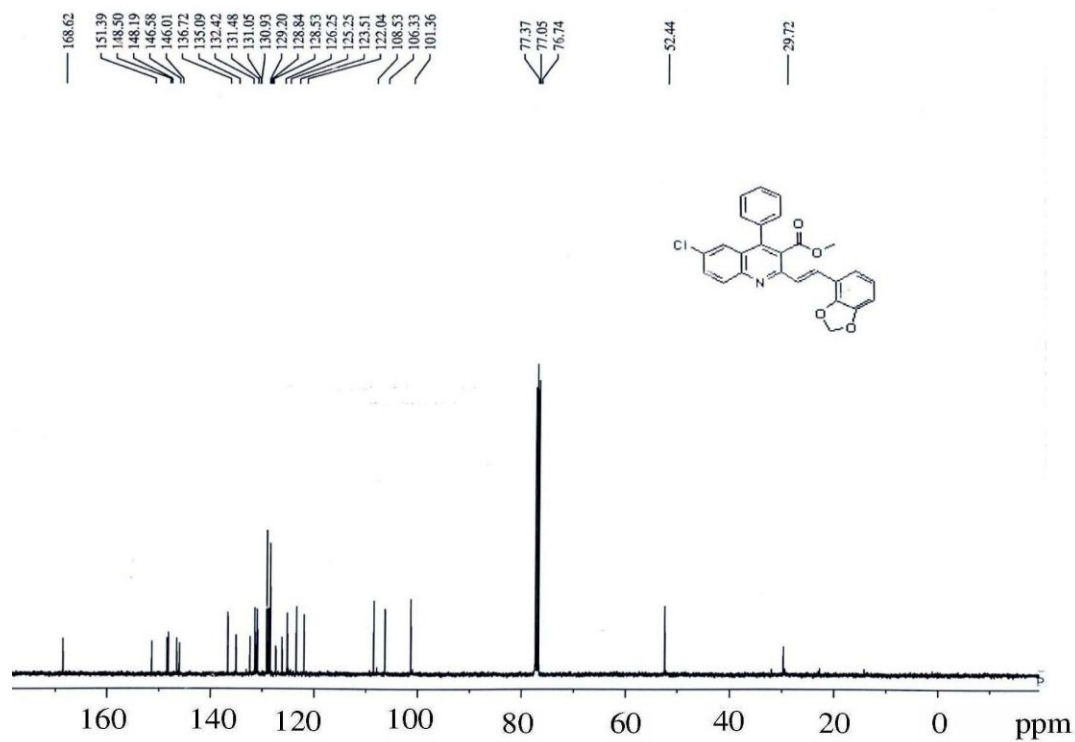
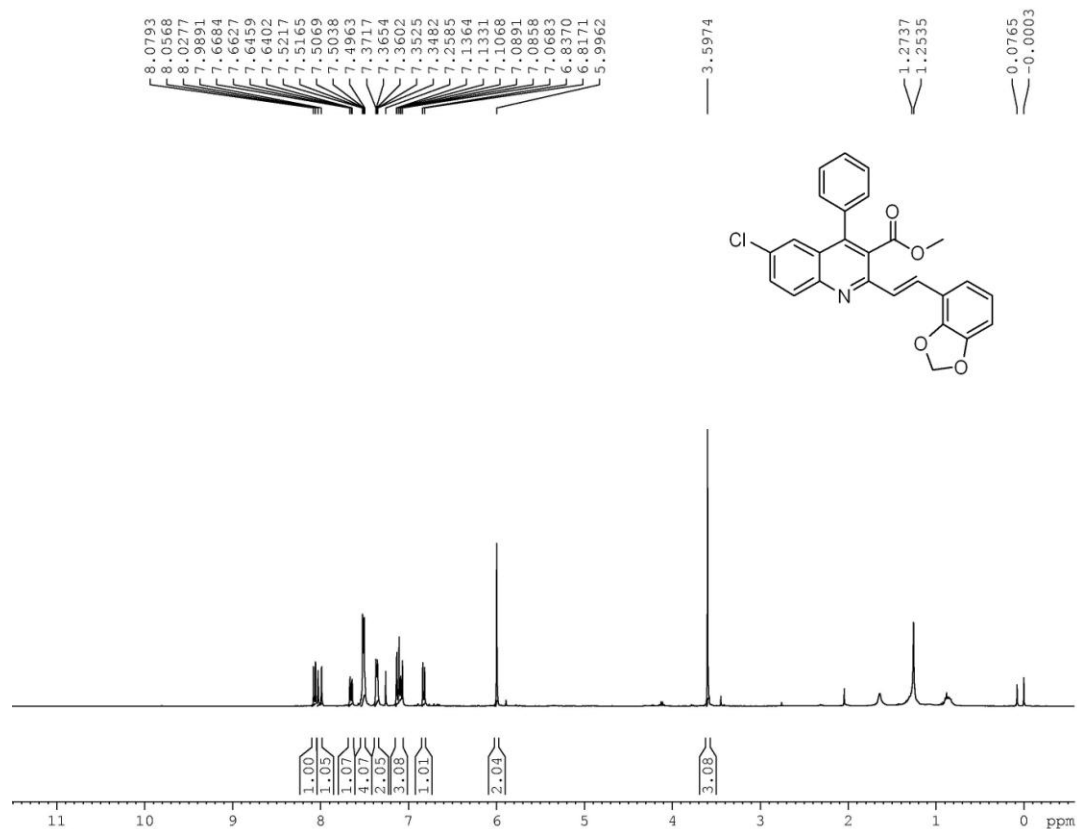
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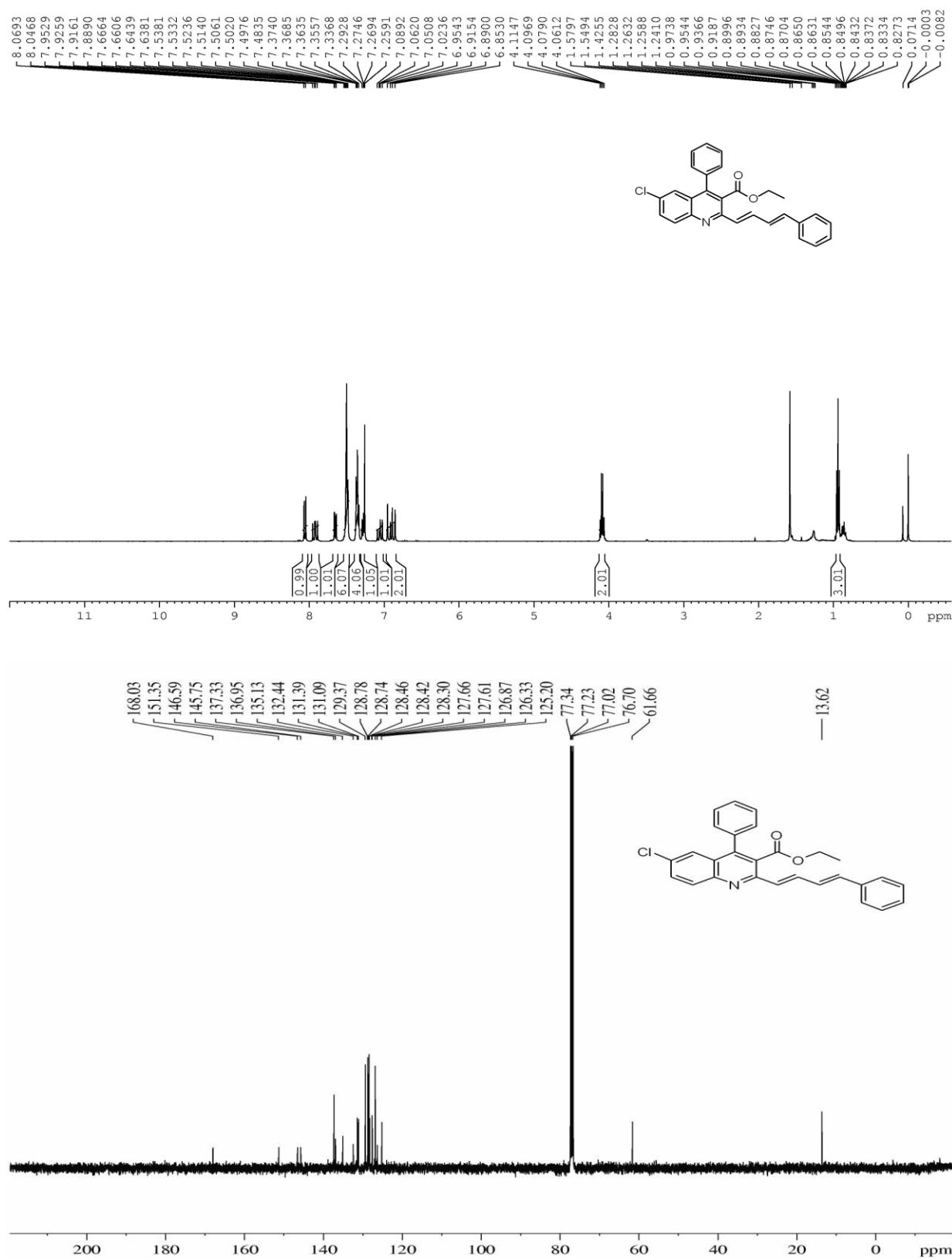
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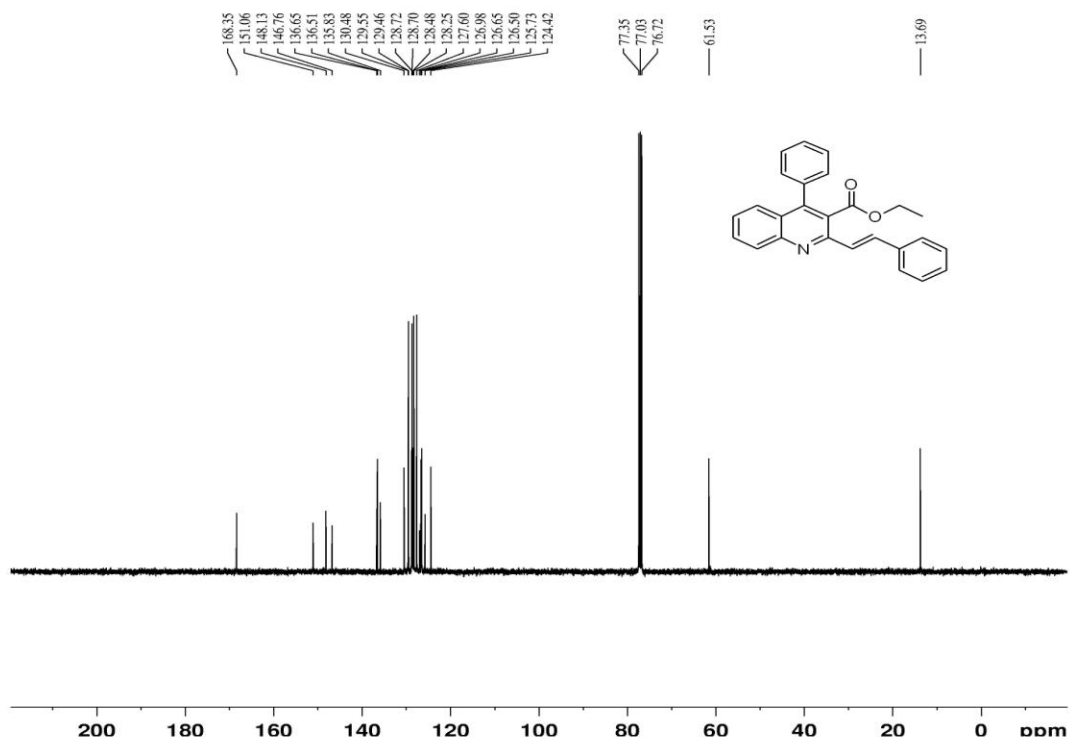
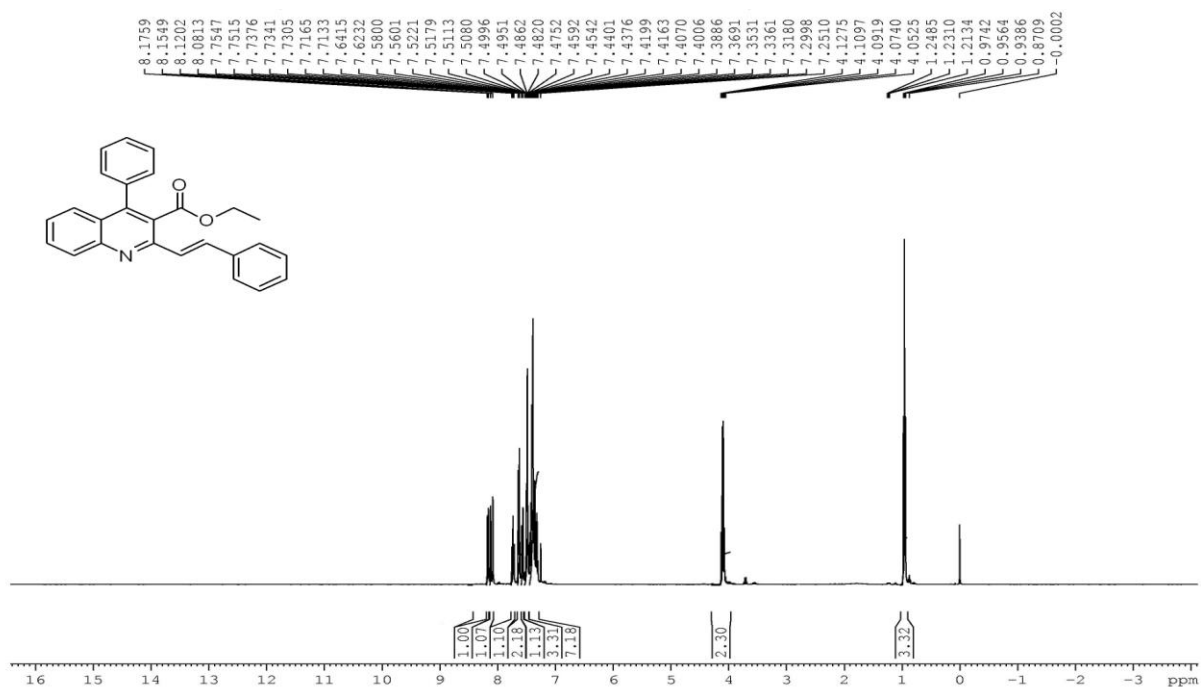
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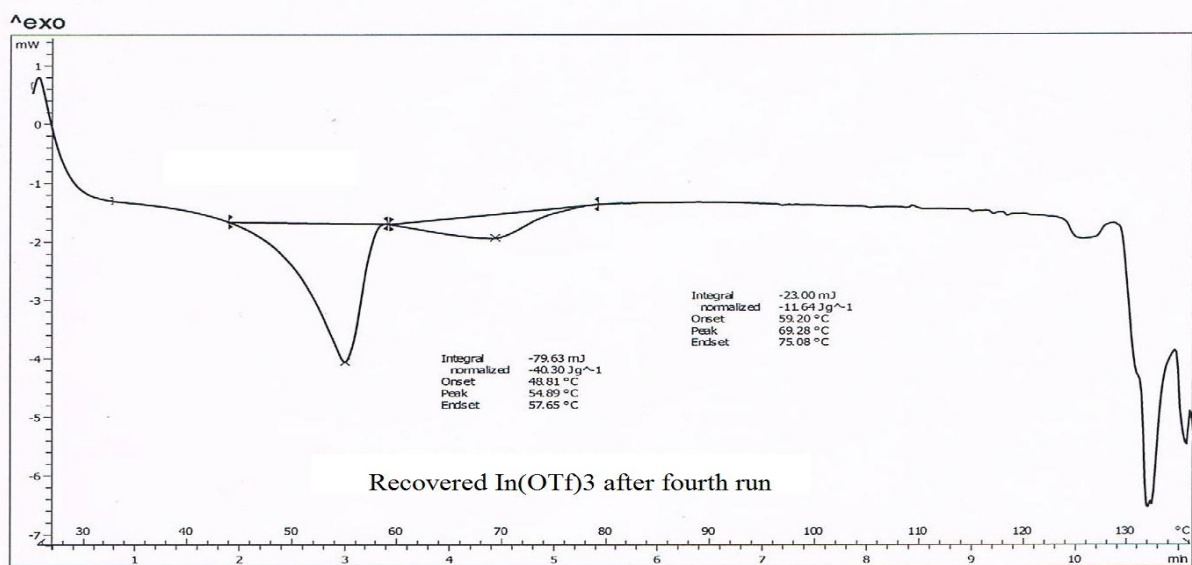
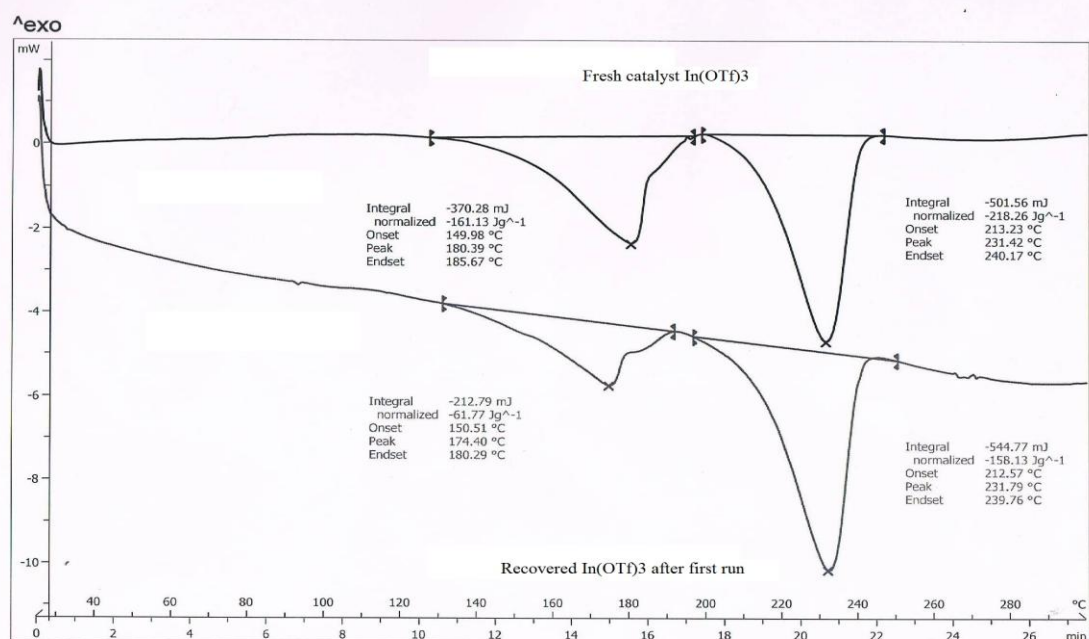
NMR Spectra (Entry 17, Table 3)



NMR Spectra Of 5 synthesized by In(OTf)₃-catalysed condensation of the preformed 2-methyl quinoline (4a) with benzaldehyde (3)



DSC spectra of fresh as well as recovered $\text{In}(\text{OTf})_3$



IR Spectra of fresh as well as recovered $\text{In}(\text{OTf})_3$

