

SUPPORTING INFORMATION

for

**Metal Free Chemoselective Reduction of  $\alpha$ -Keto Amides using TBAF as  
Catalyst**

N Chary Mamillapalli and G. Sekar\*

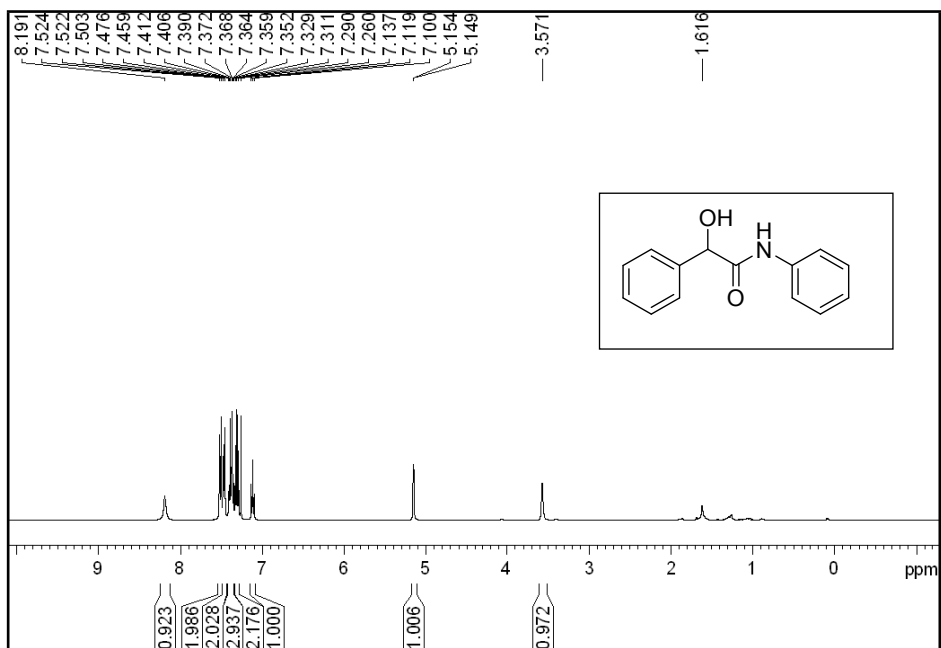
*Department of Chemistry, Indian Institute of Technology Madras, Chennai,*

*Tamil Nadu-600 036, India*

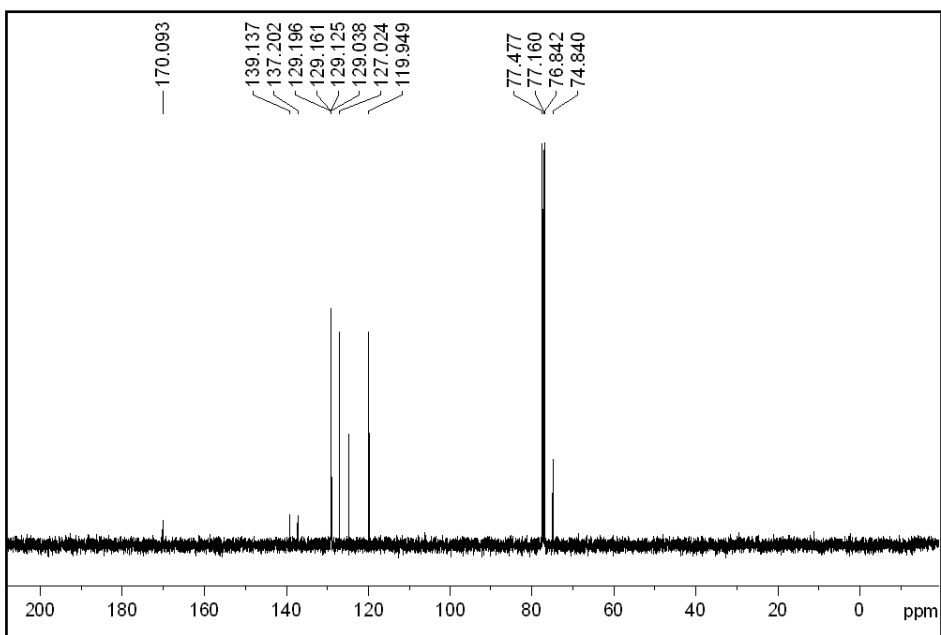
[gsekar@iitm.ac.in](mailto:gsekar@iitm.ac.in)

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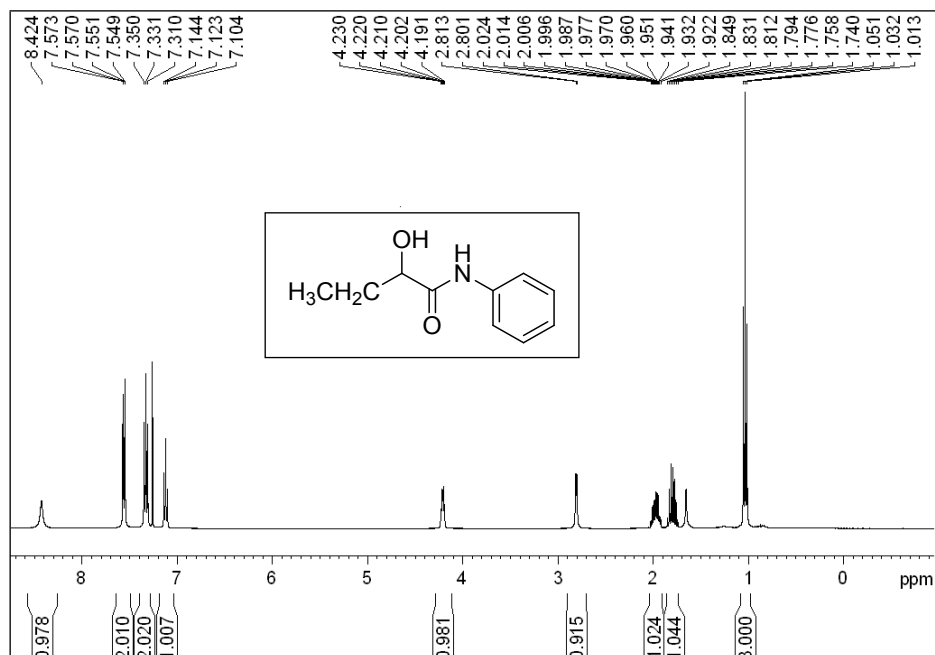
- $^1\text{H}$  and  $^{13}\text{C}$  spectra for all compounds 1



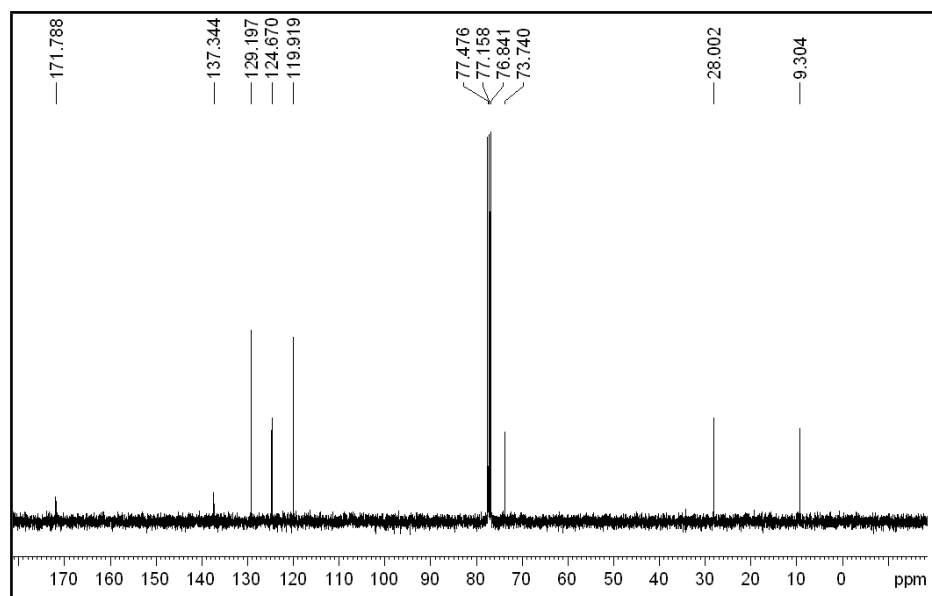
400 Mz  $^1\text{H}$ -NMR spectra of **2a** in  $\text{CDCl}_3$



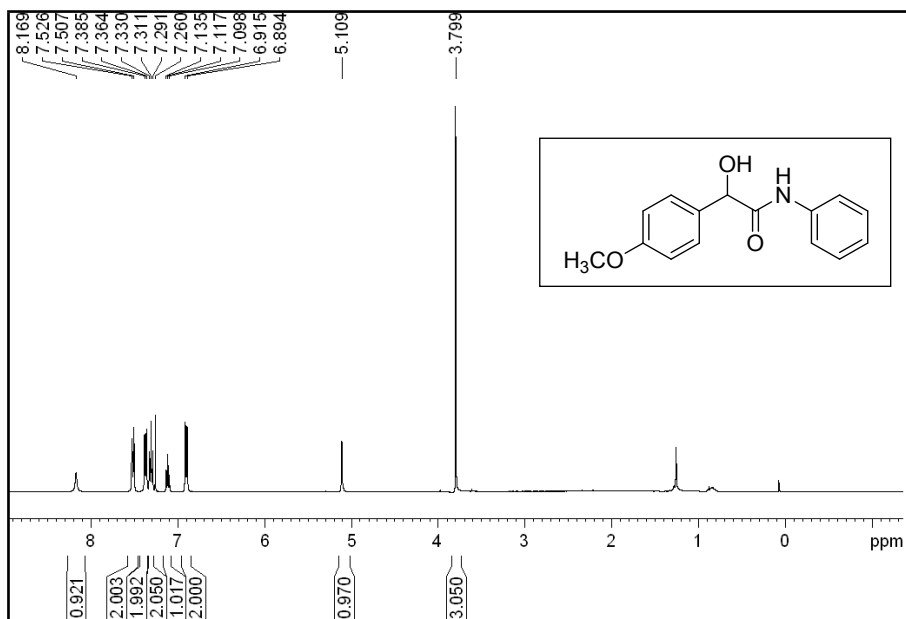
100 Mz  $^{13}\text{C}$ -NMR spectra of **2a** in  $\text{CDCl}_3$



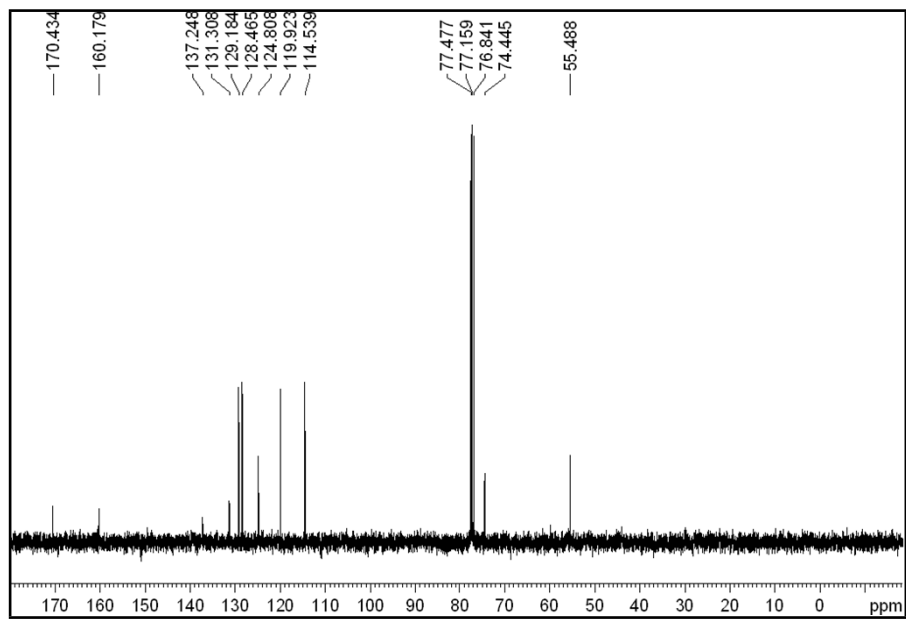
400 Mz  $^1\text{H}$ -NMR spectra of **2b** in  $\text{CDCl}_3$



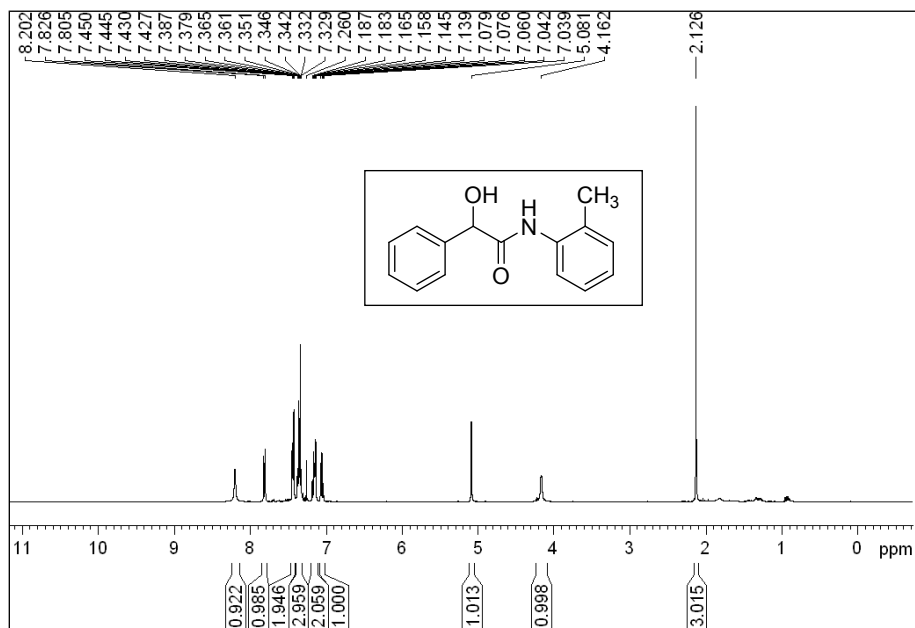
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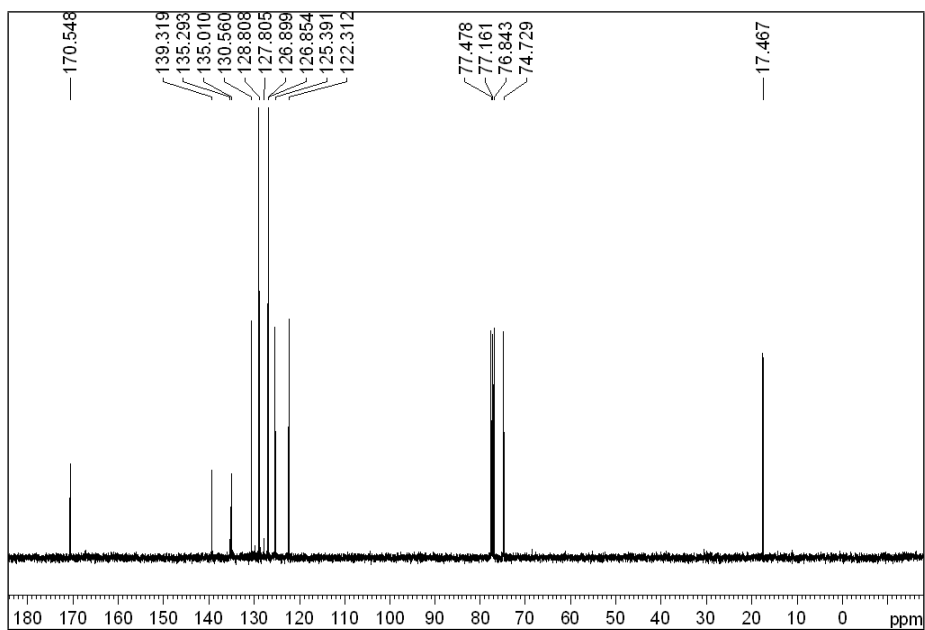
400 Mz  $^1\text{H}$ -NMR spectra of **2c** in  $\text{CDCl}_3$



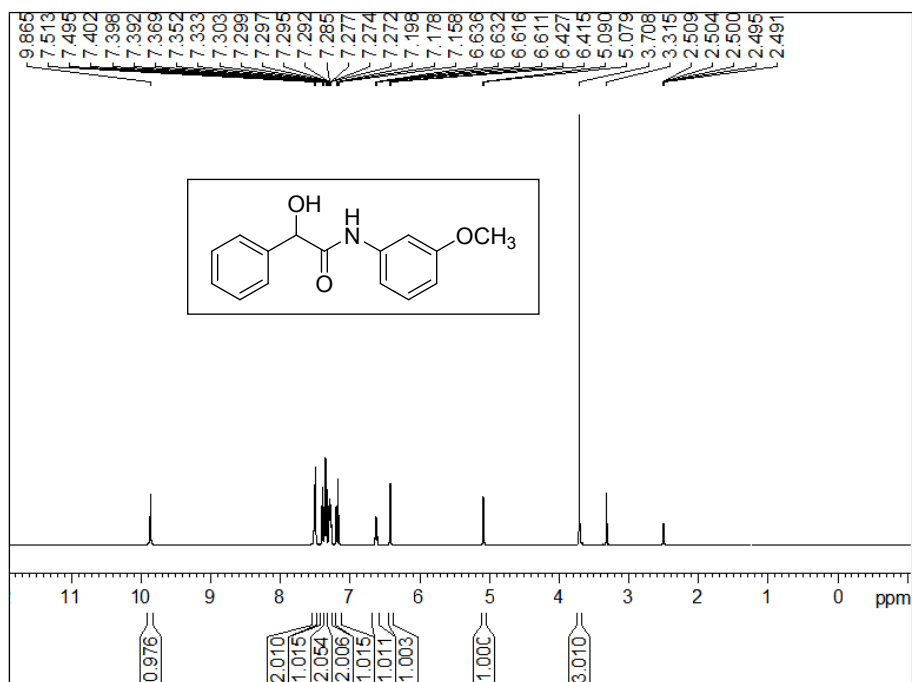
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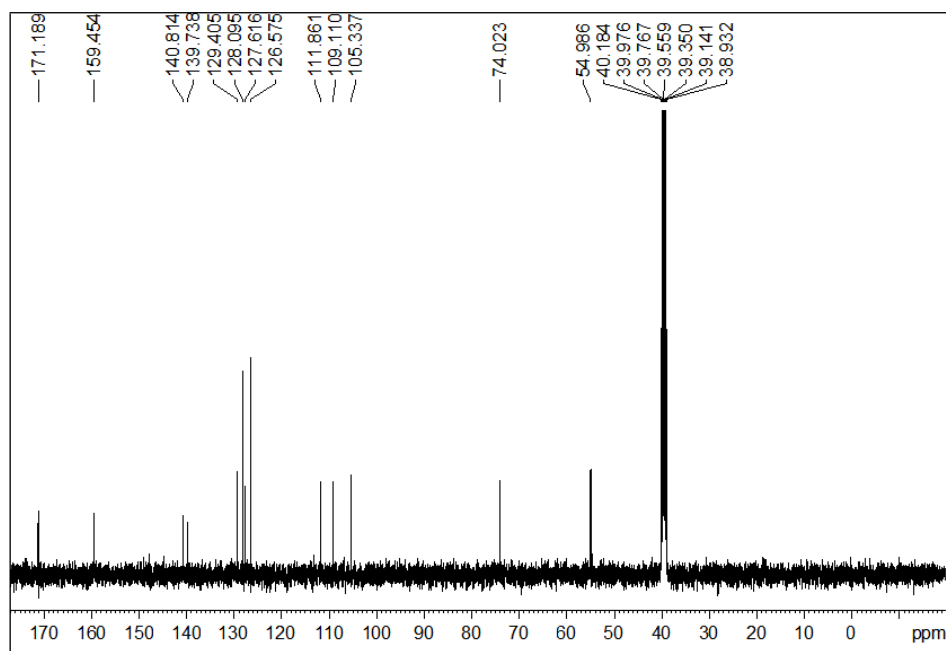
400 Mz  $^1\text{H-NMR}$  spectra of **2d** in  $\text{CDCl}_3$



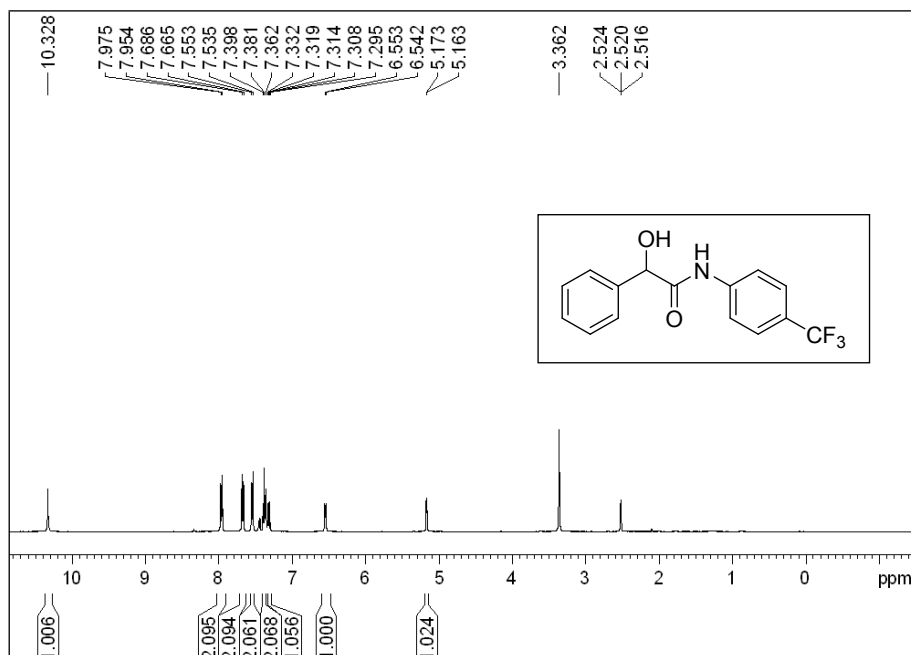
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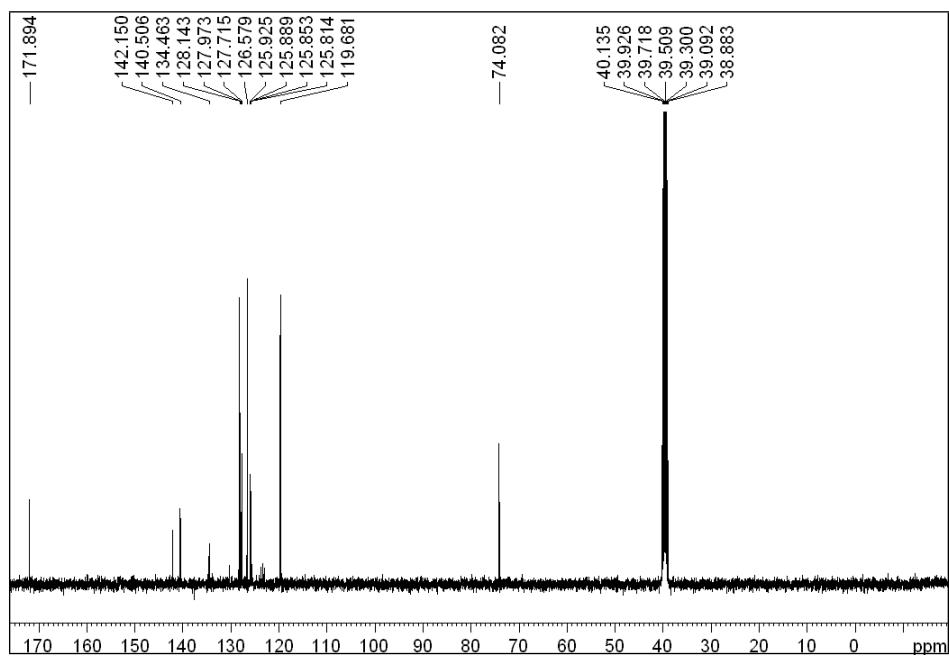
400 Mz  $^1\text{H}$ -NMR spectra of **2e** in  $\text{DMSO-}d_6$



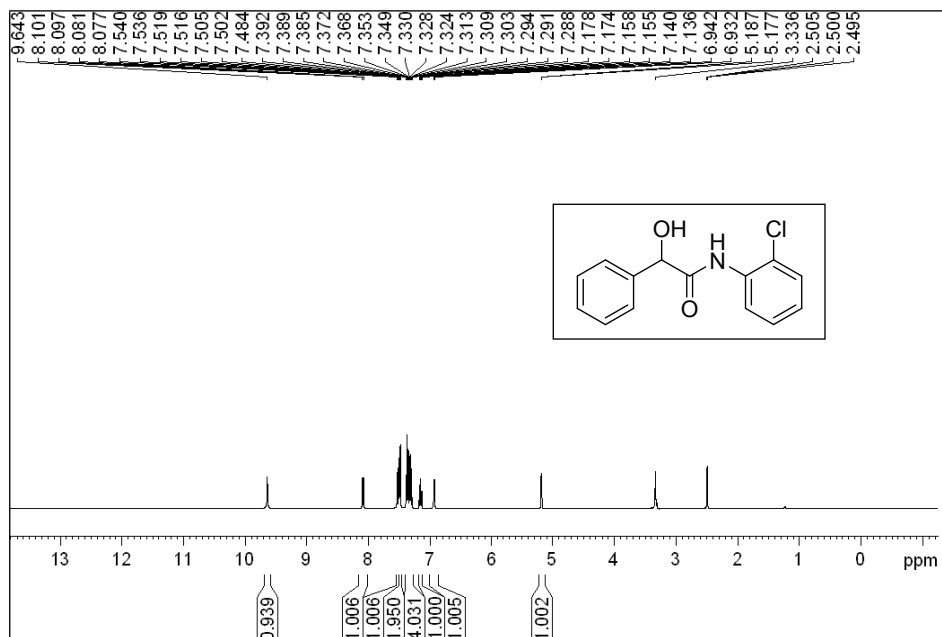
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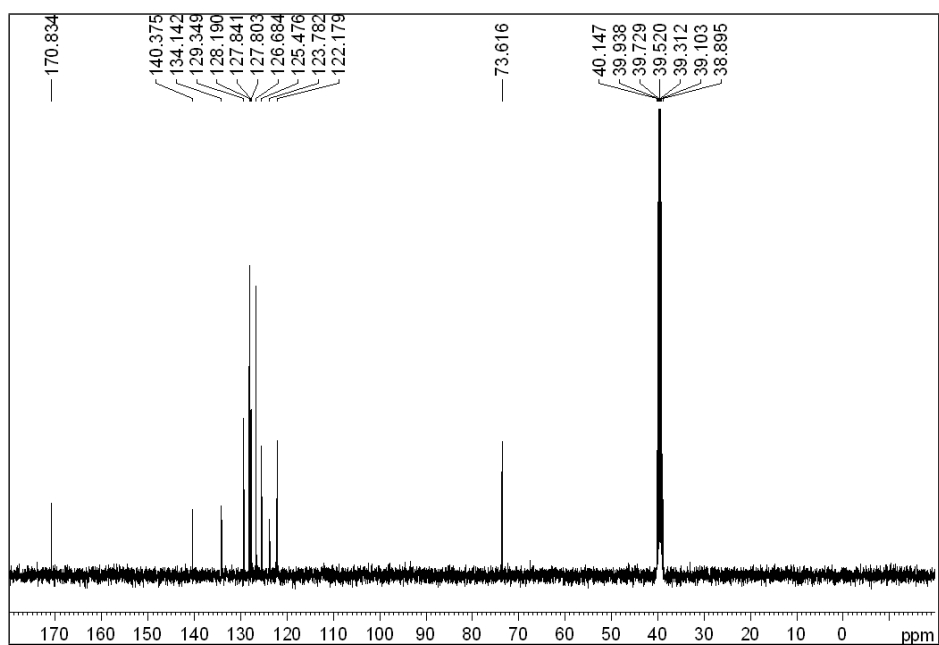
400 Mz  $^1\text{H}$ -NMR spectra of **2f** in  $\text{DMSO-}d_6$



100 Mz  $^{13}\text{C}$ -NMR spectra of **2f** in  $\text{DMSO-}d_6$

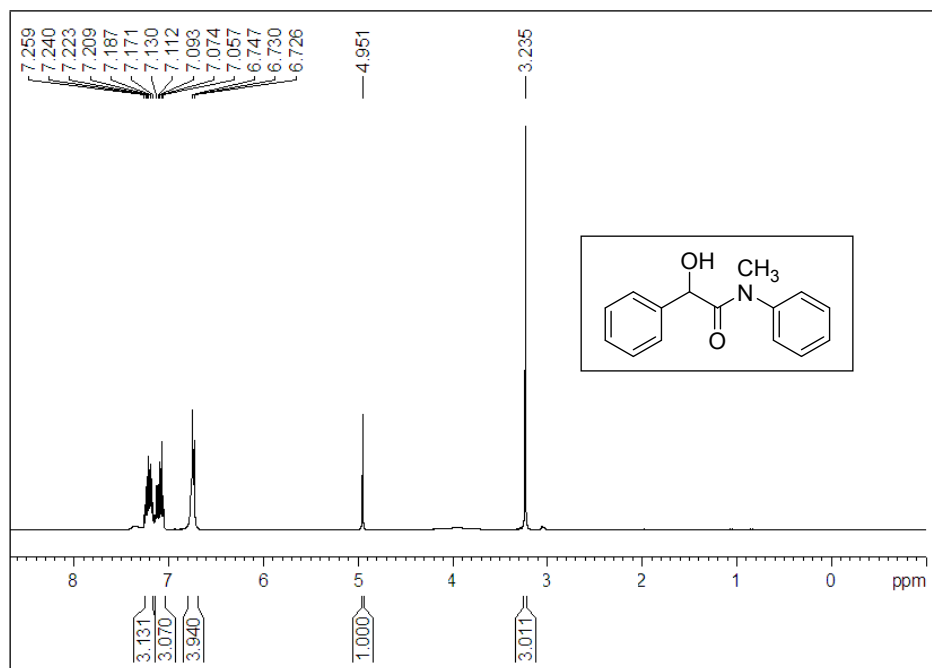


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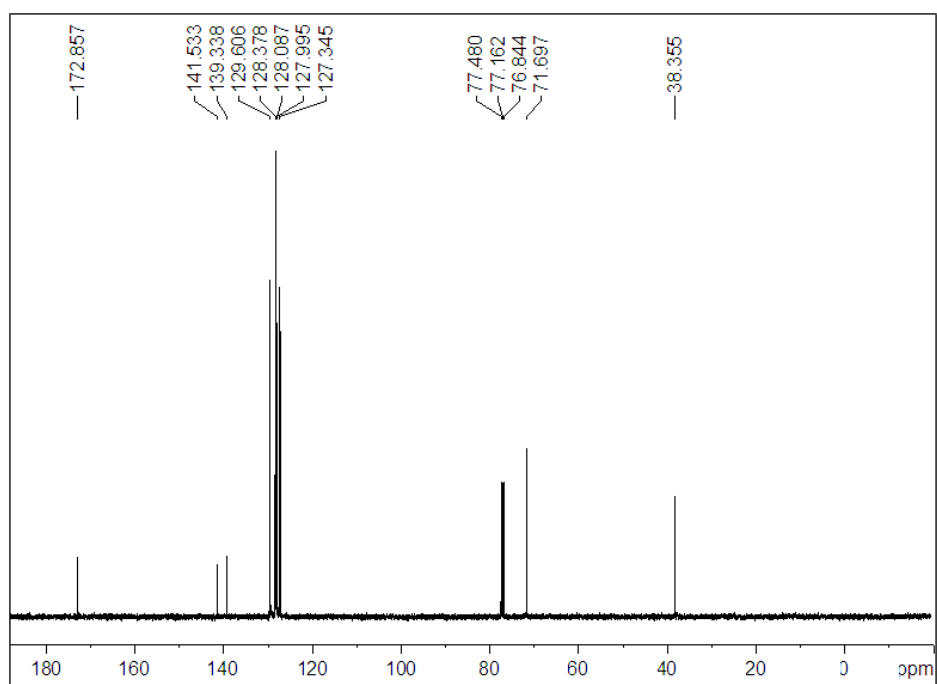


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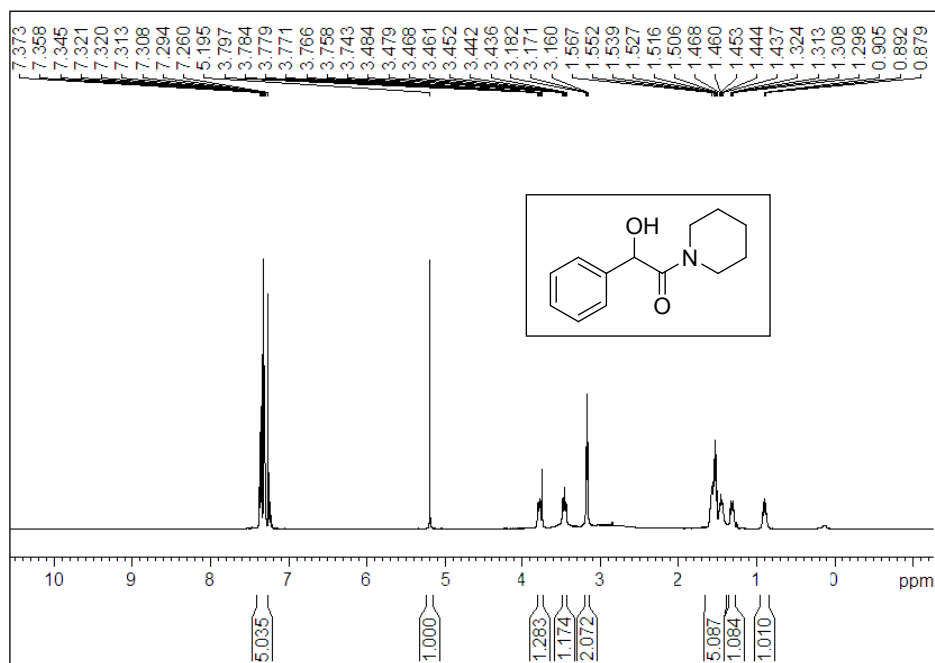




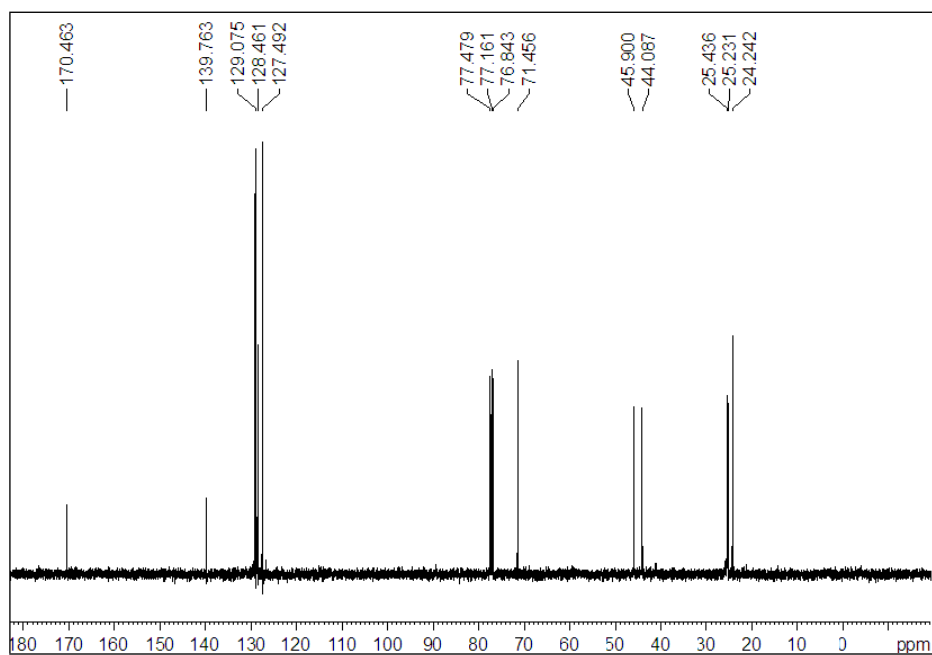
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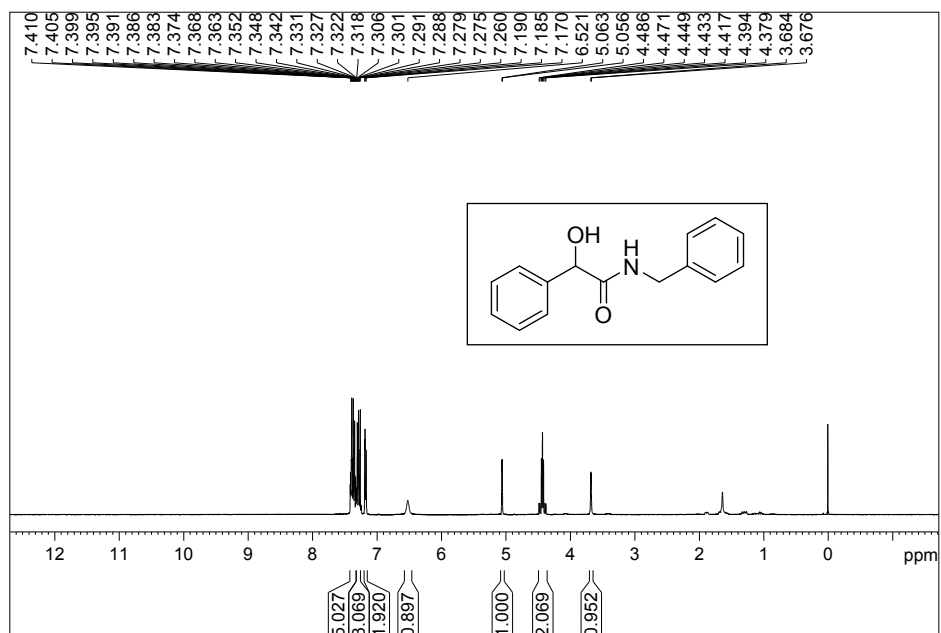
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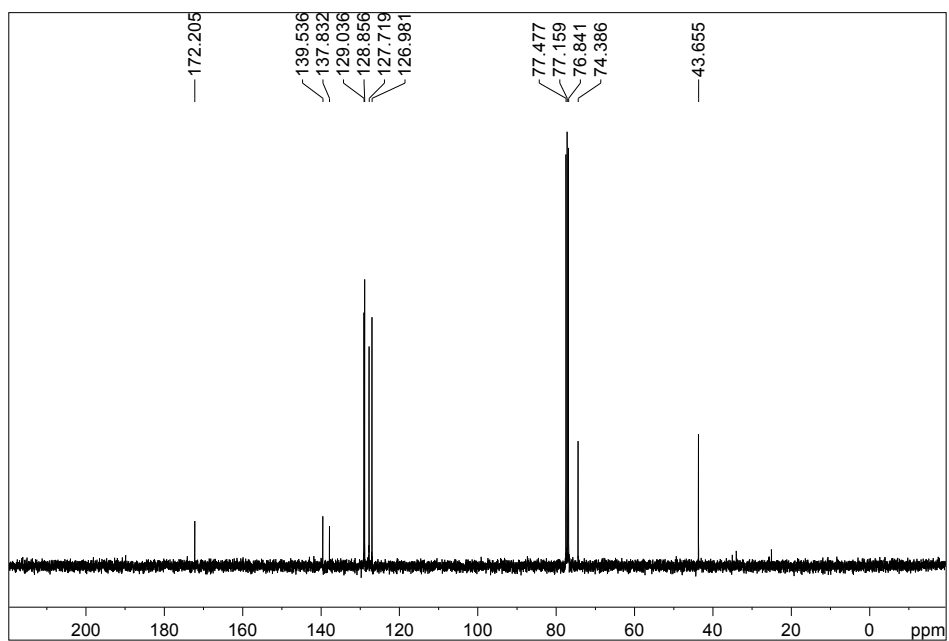
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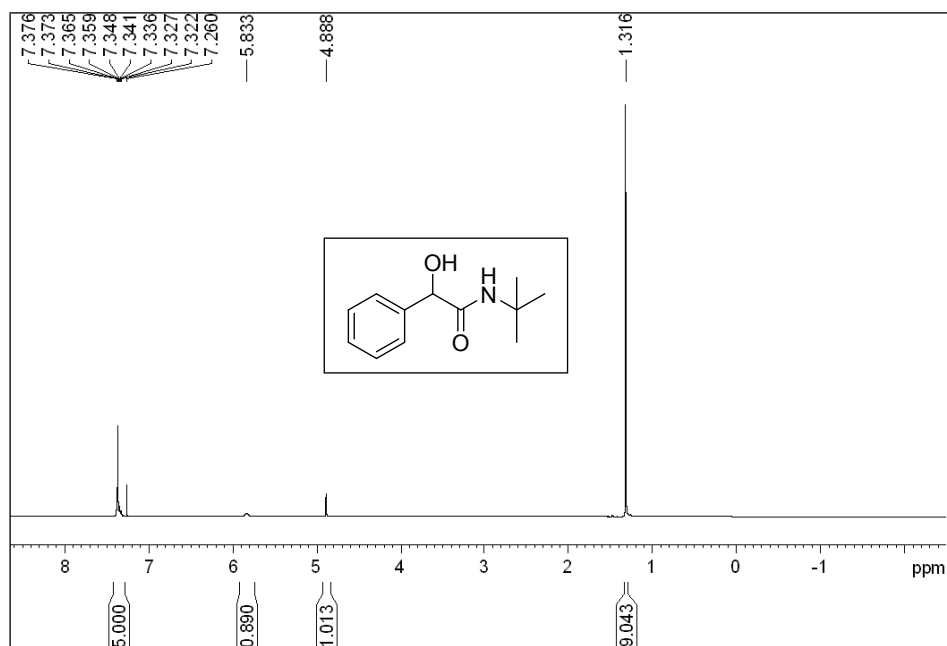
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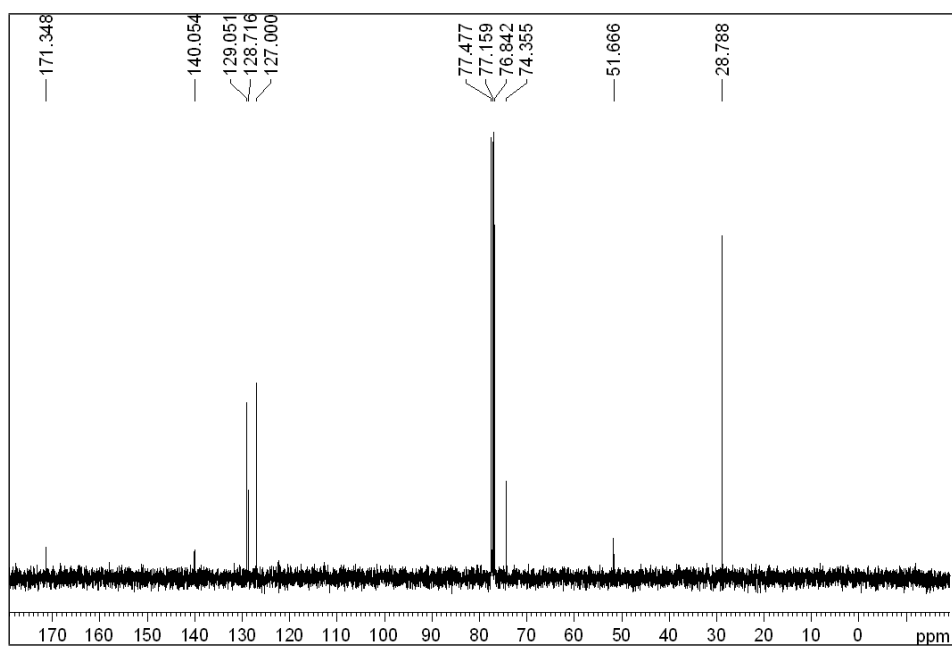
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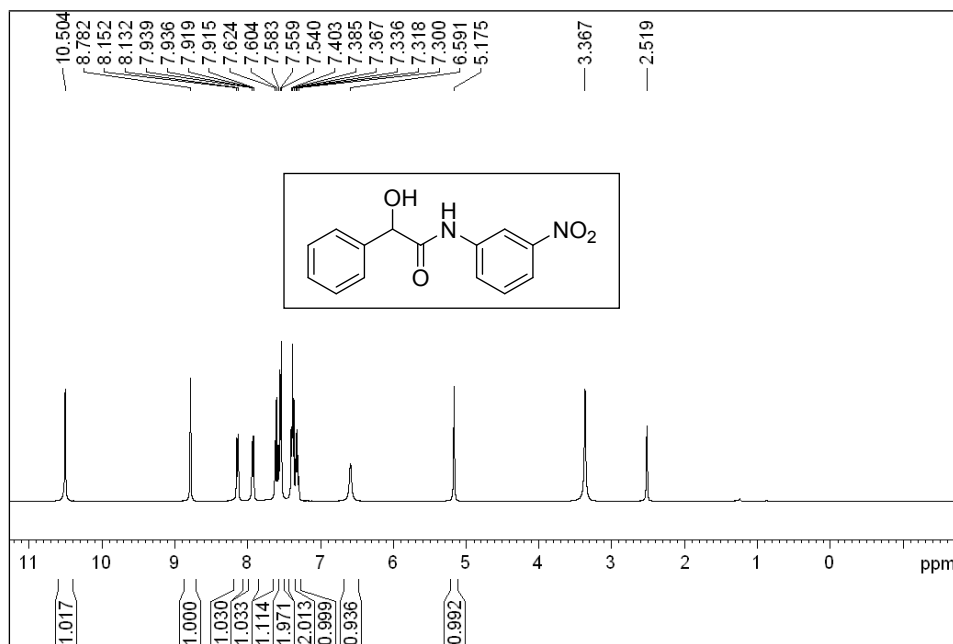
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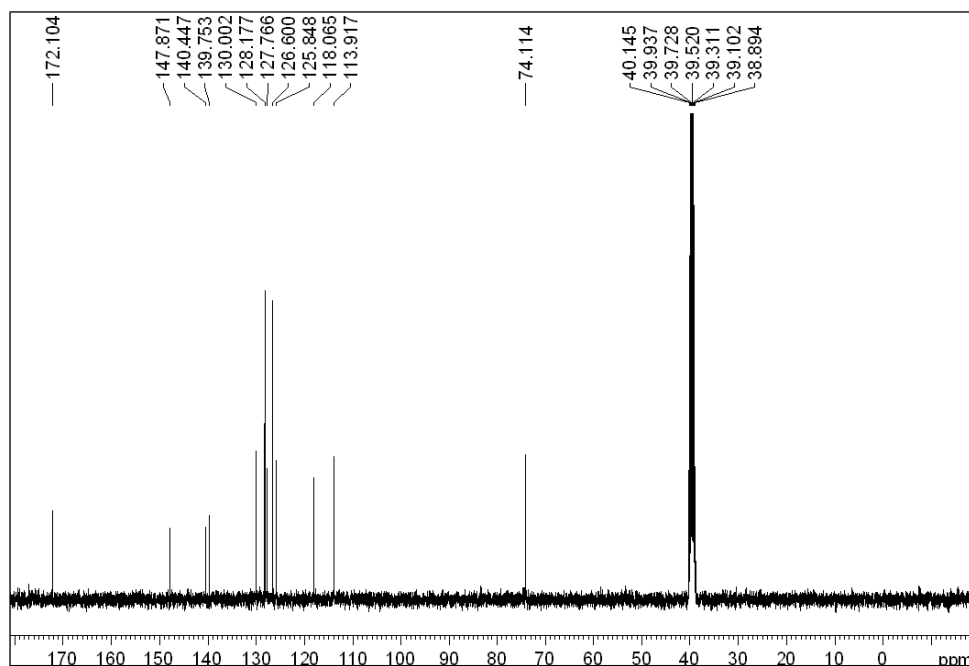
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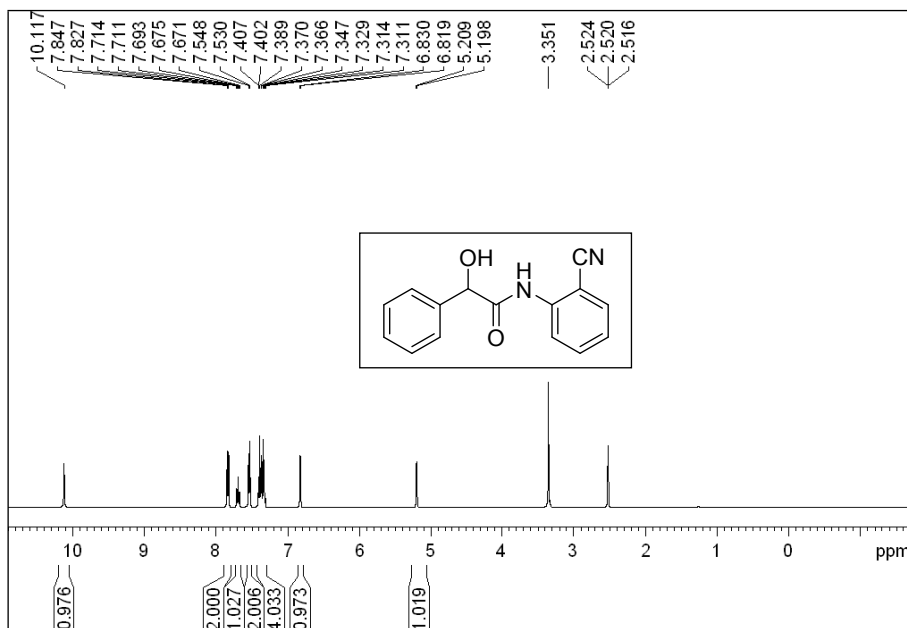
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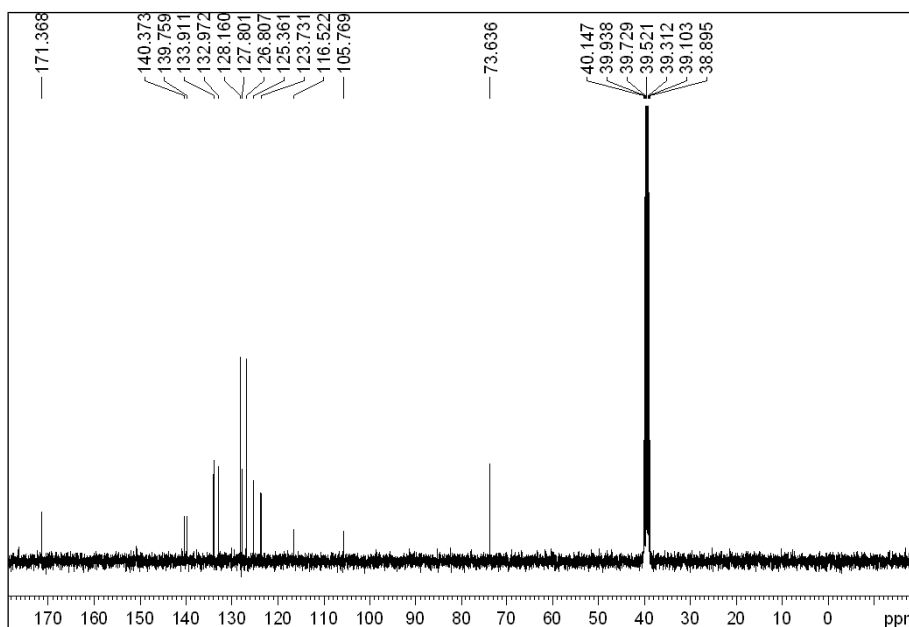
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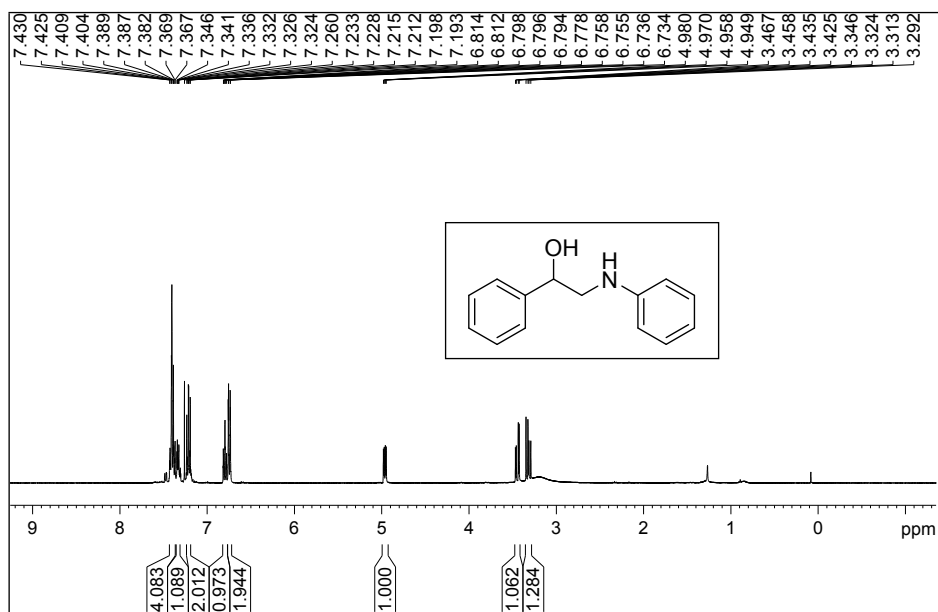
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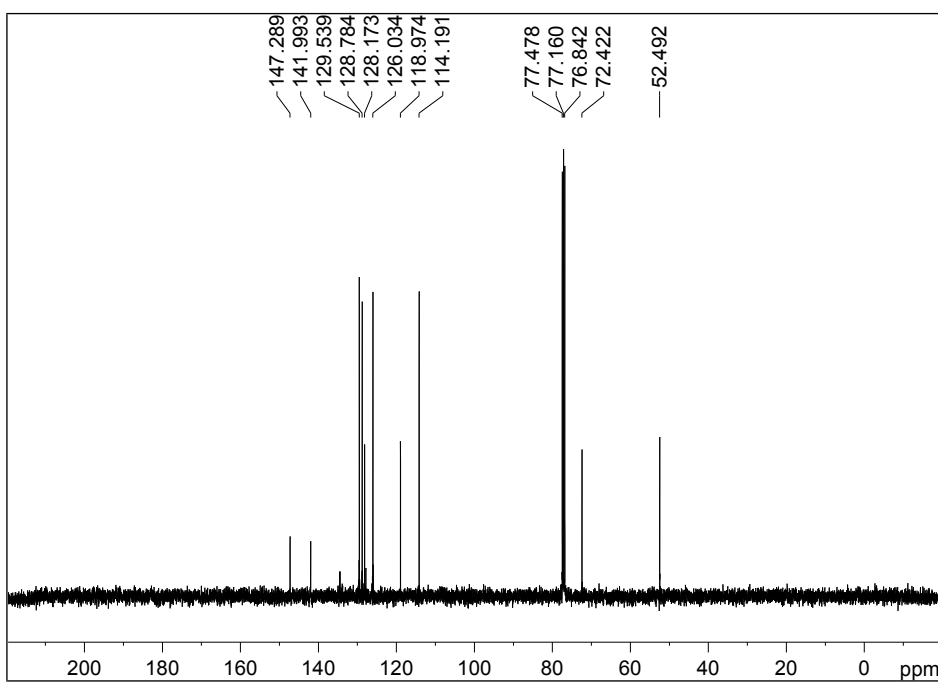
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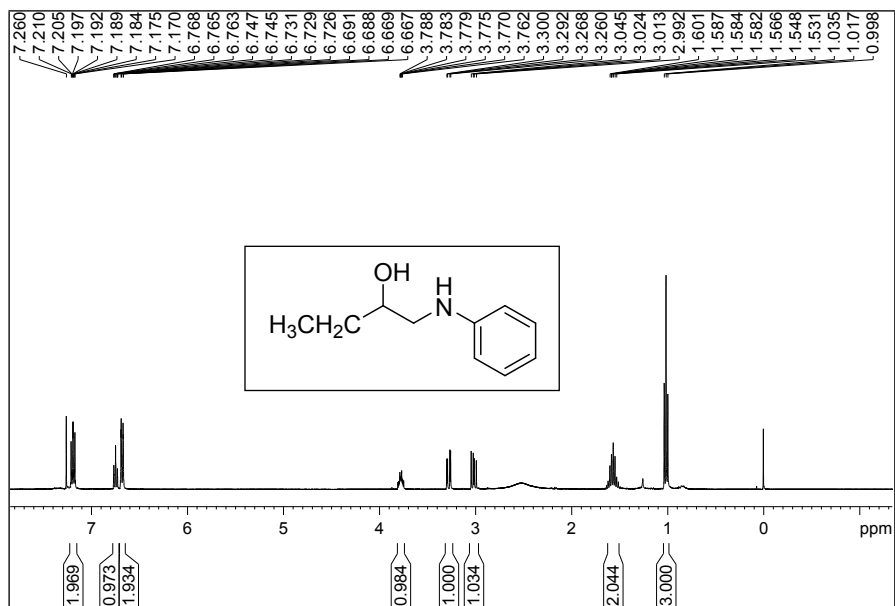
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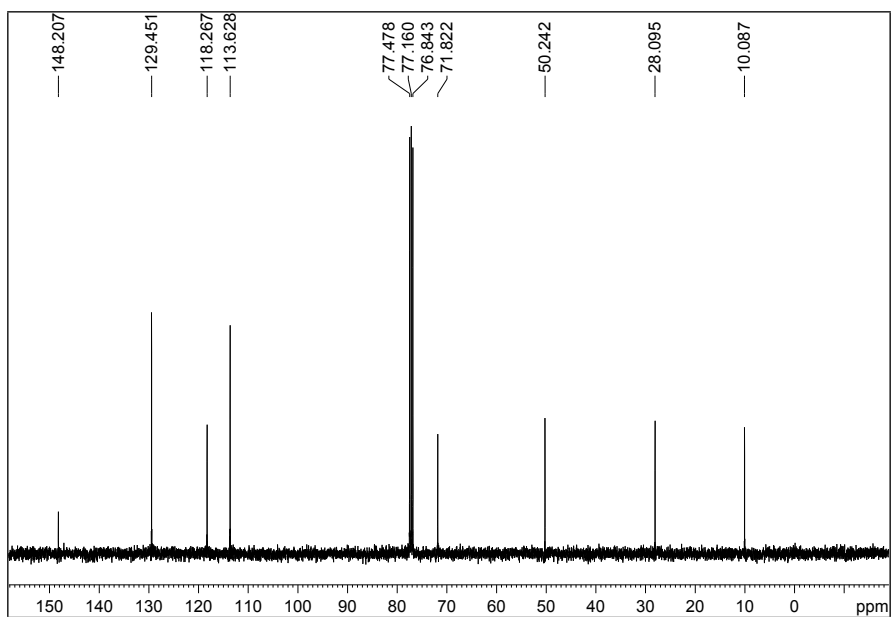
400 MHz  $^1\text{H}$ -NMR spectra of **3a** in  $\text{CDCl}_3$



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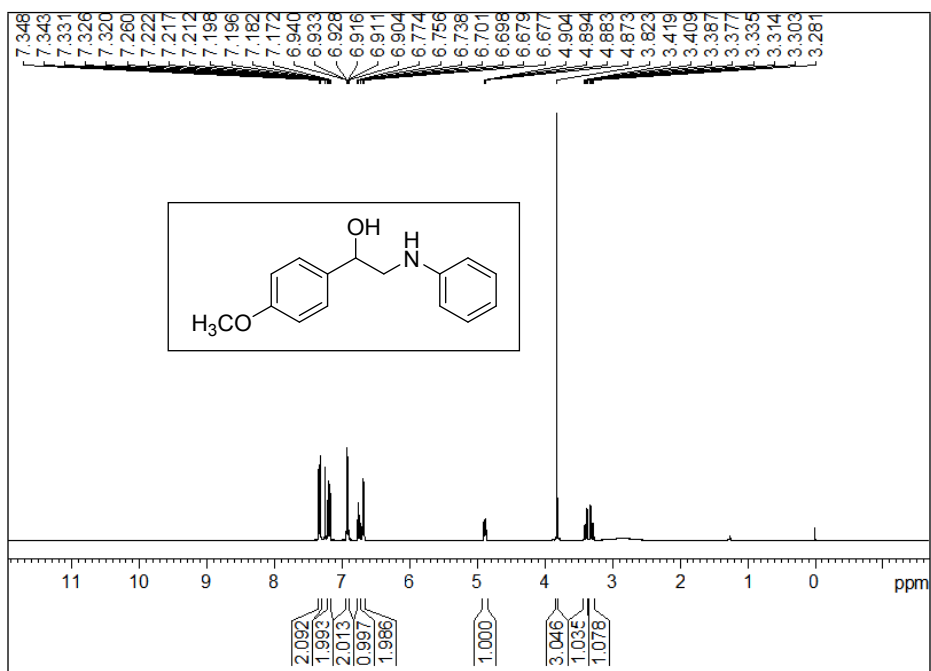


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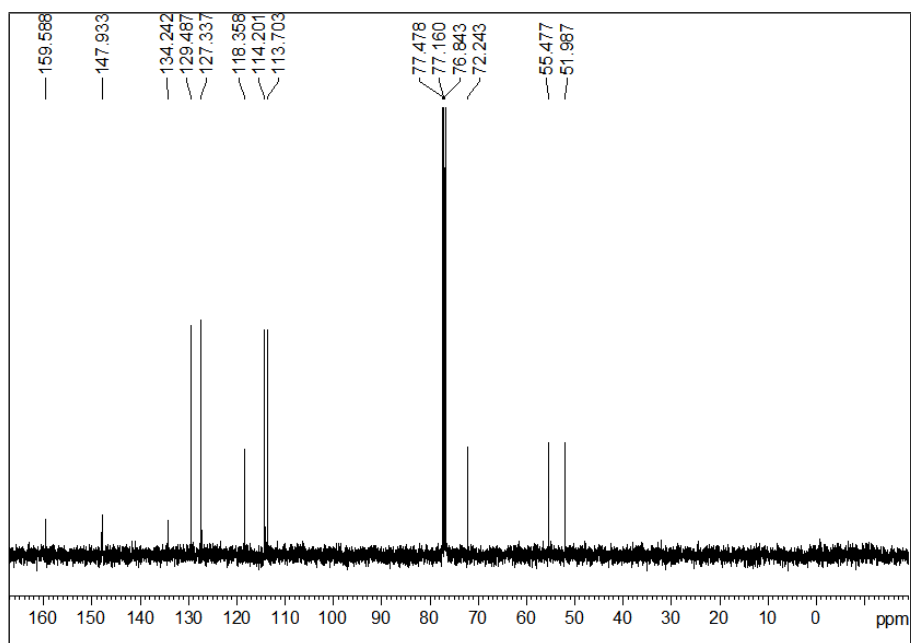


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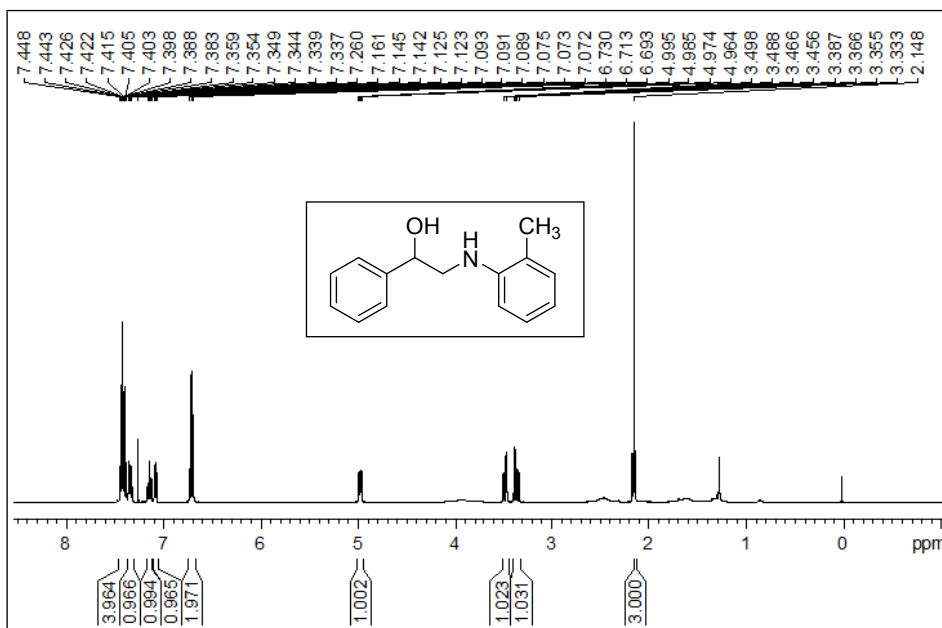




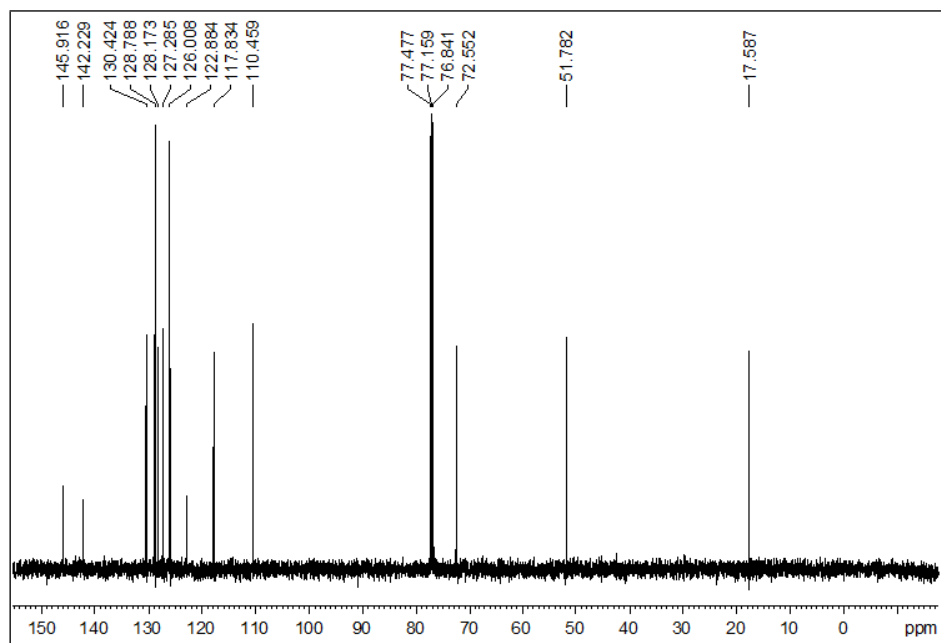
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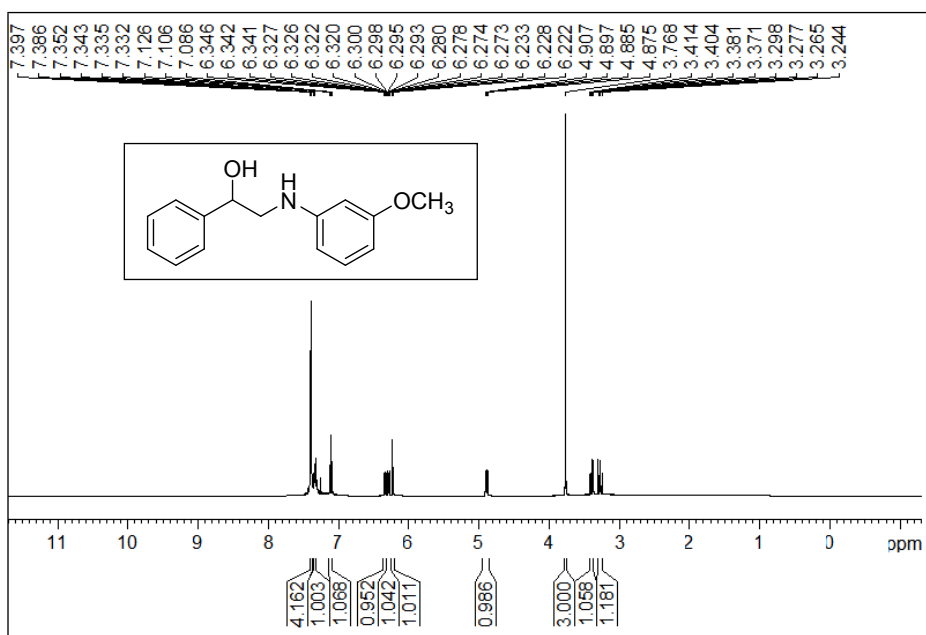
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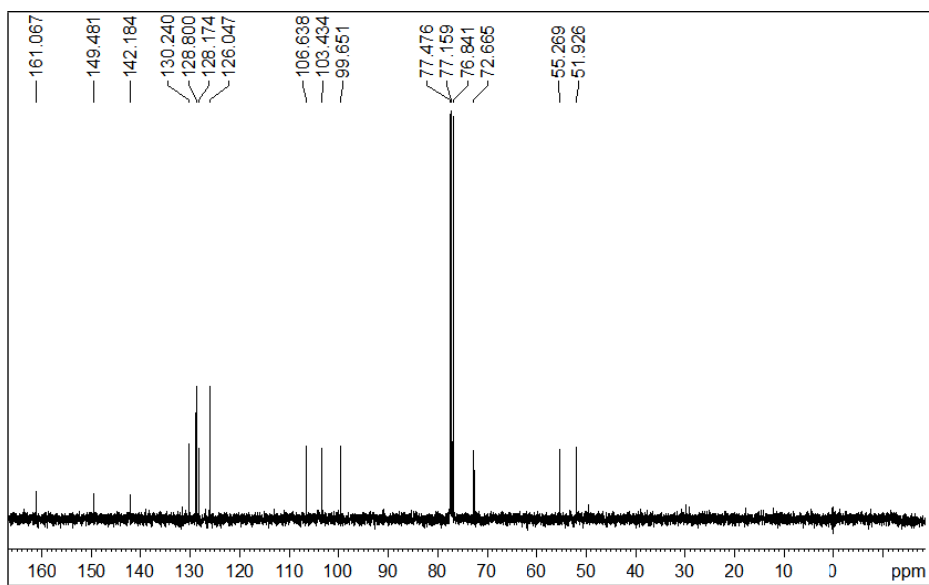
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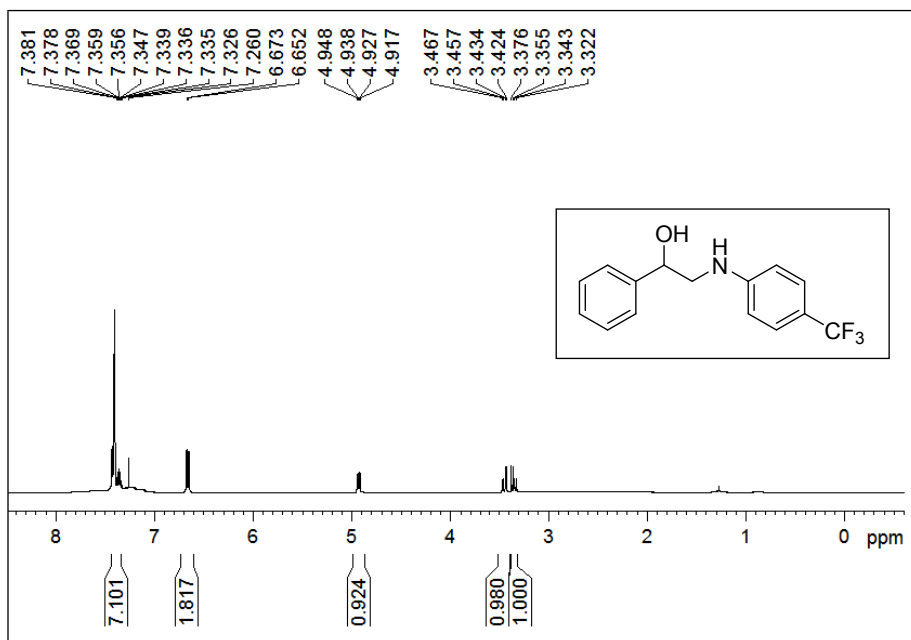
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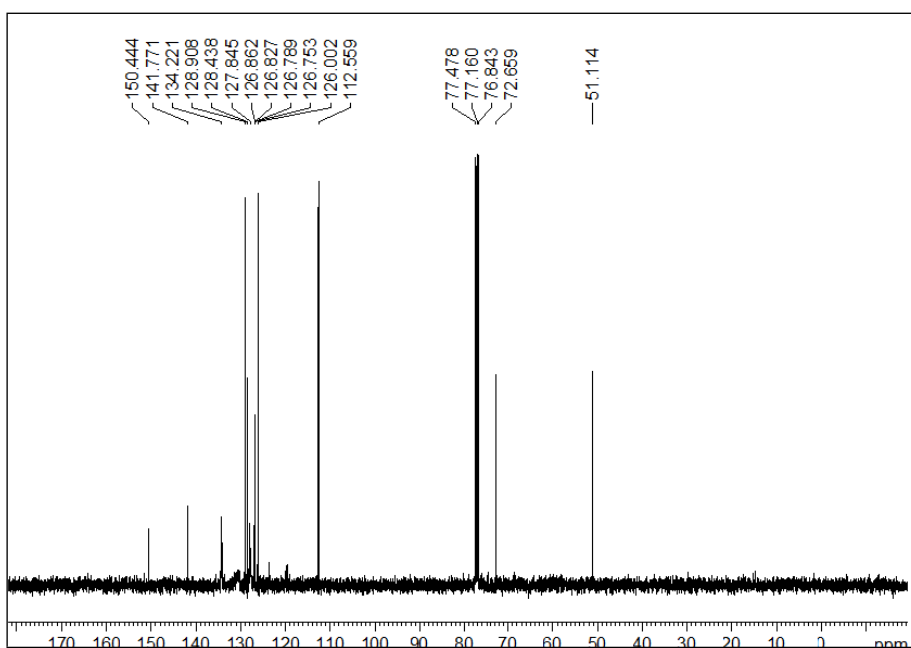
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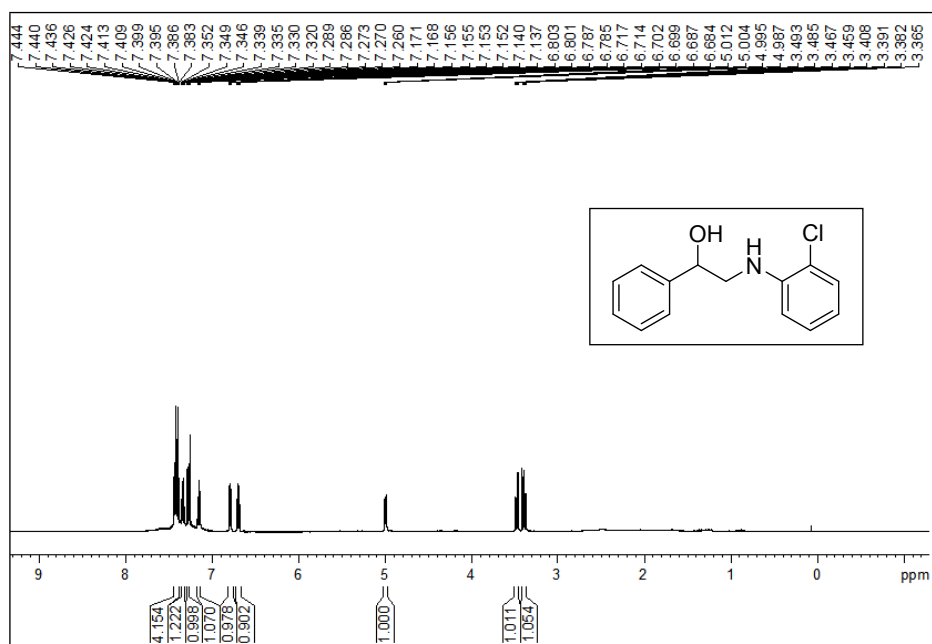
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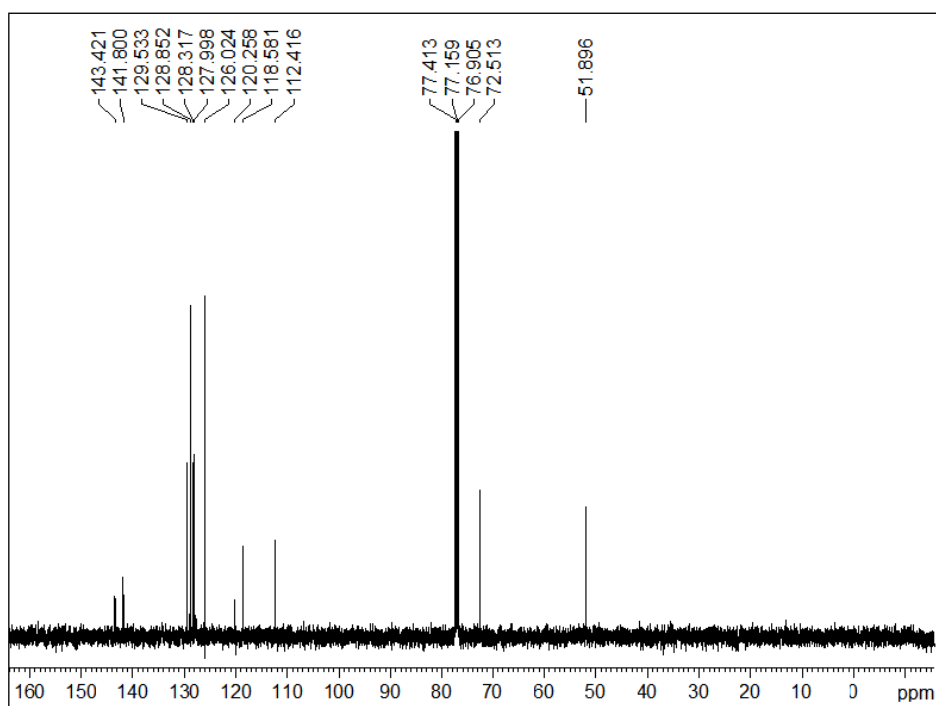
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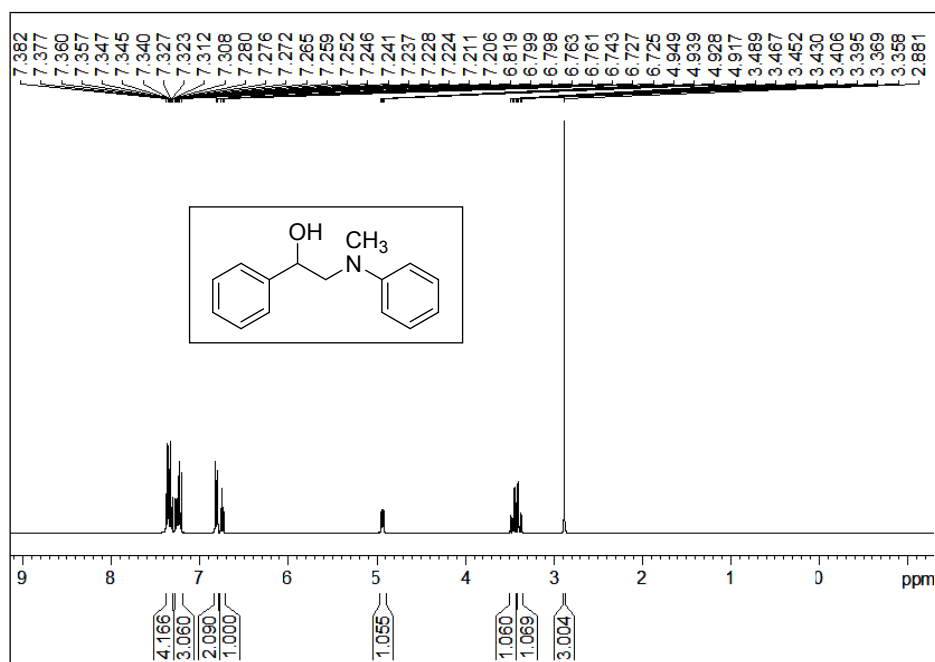
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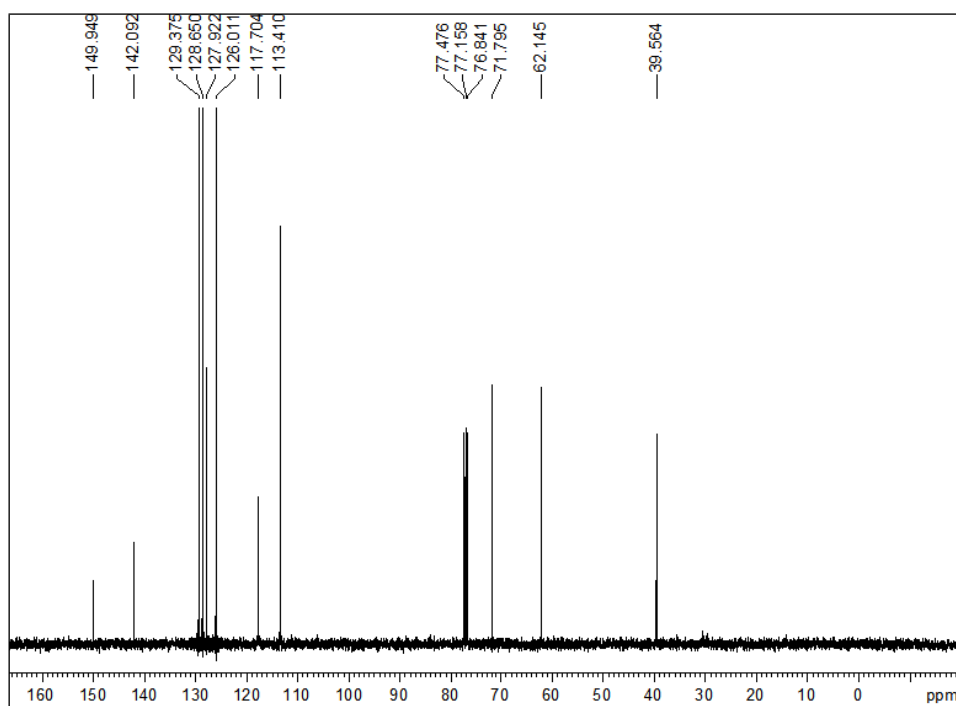
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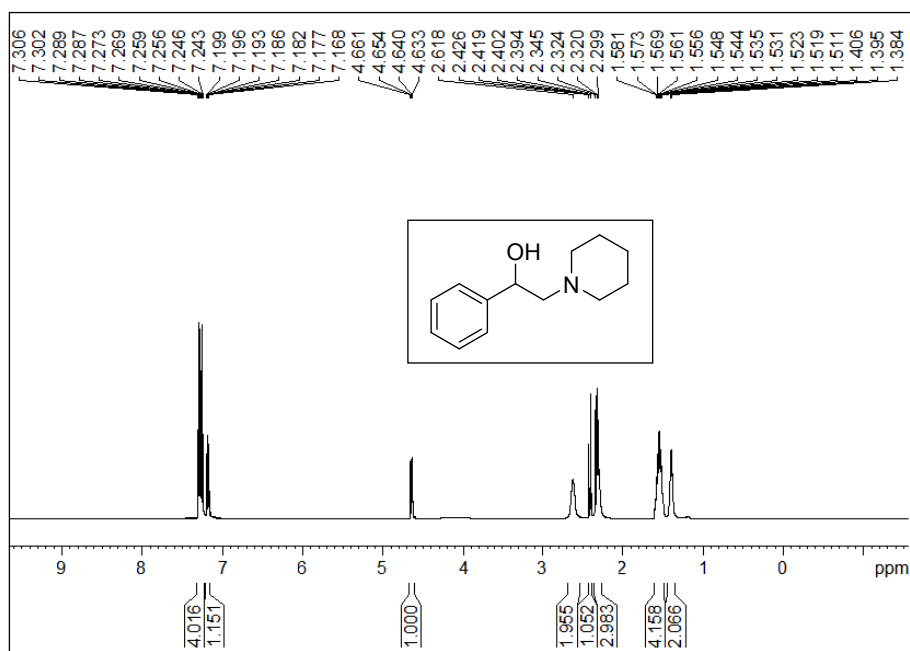
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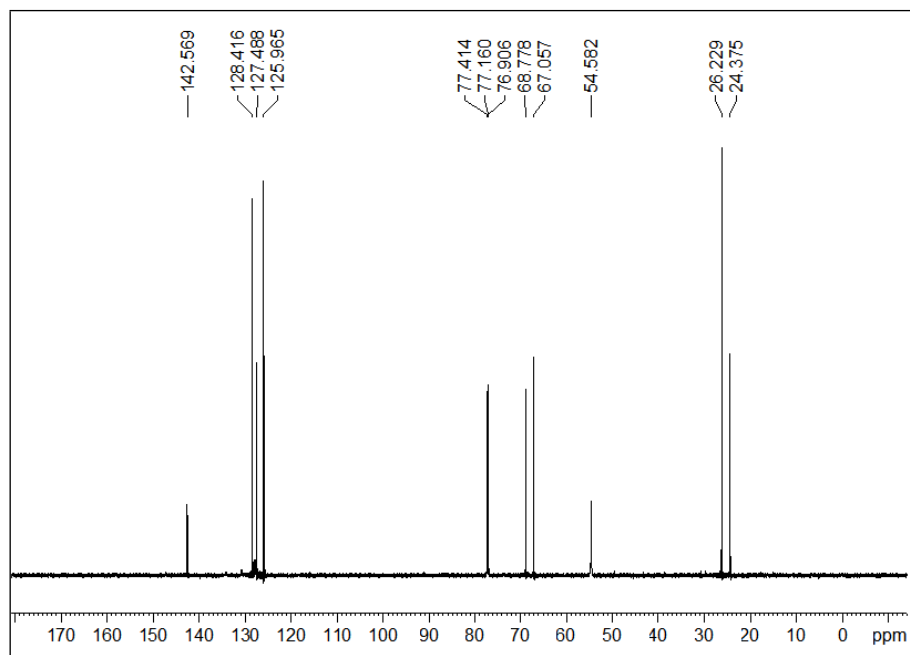
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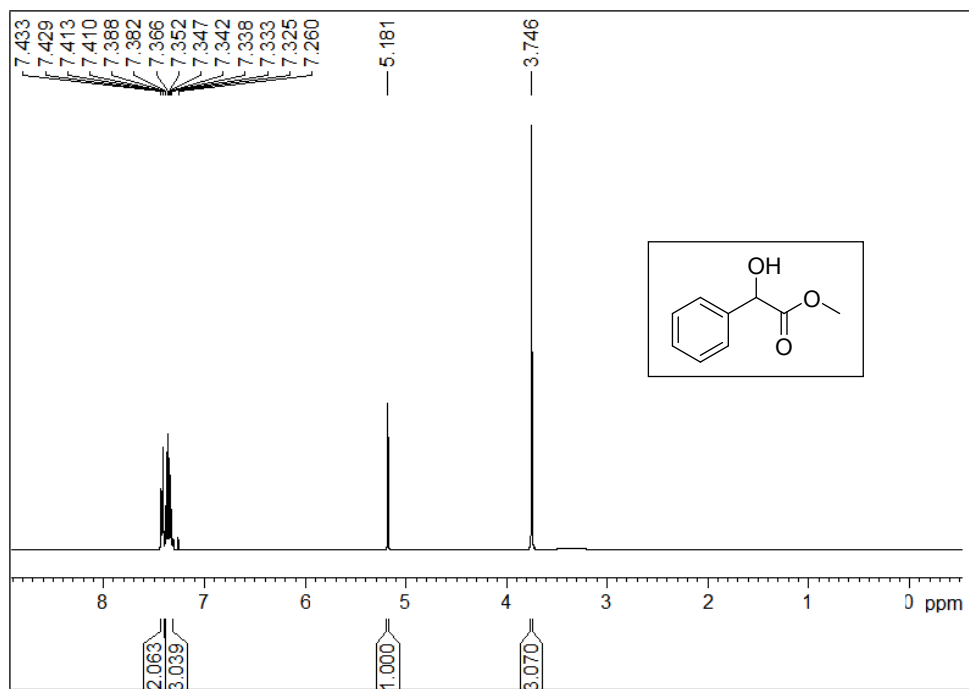
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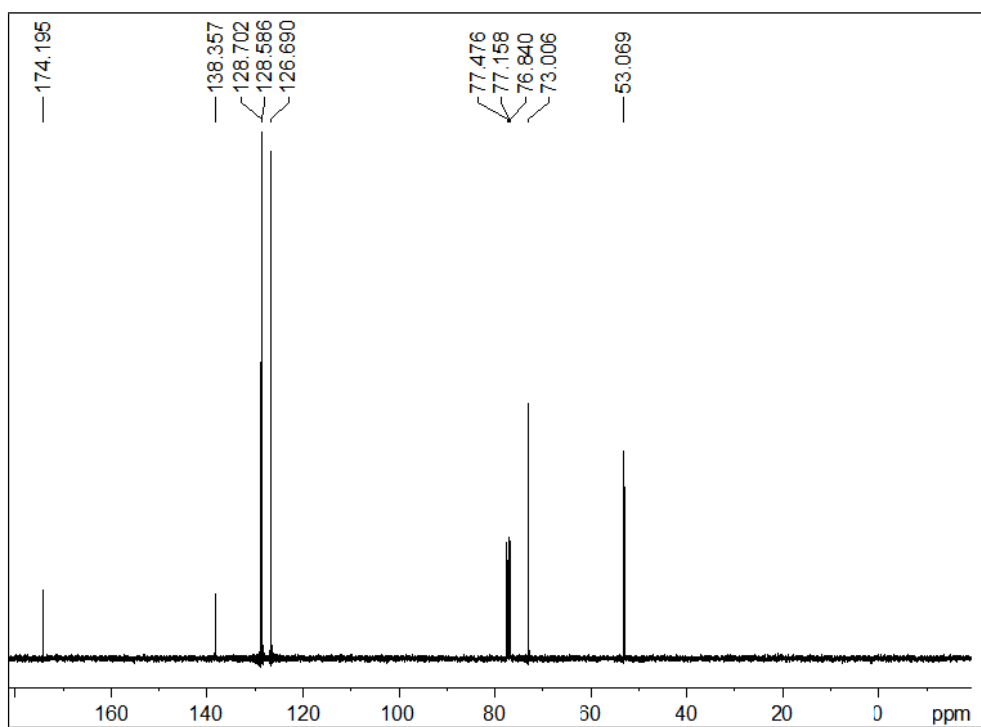
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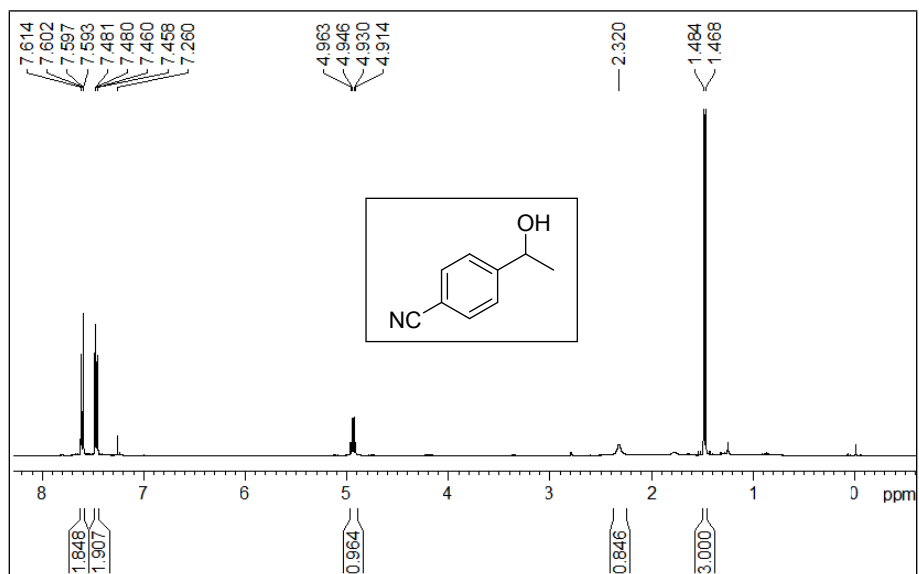


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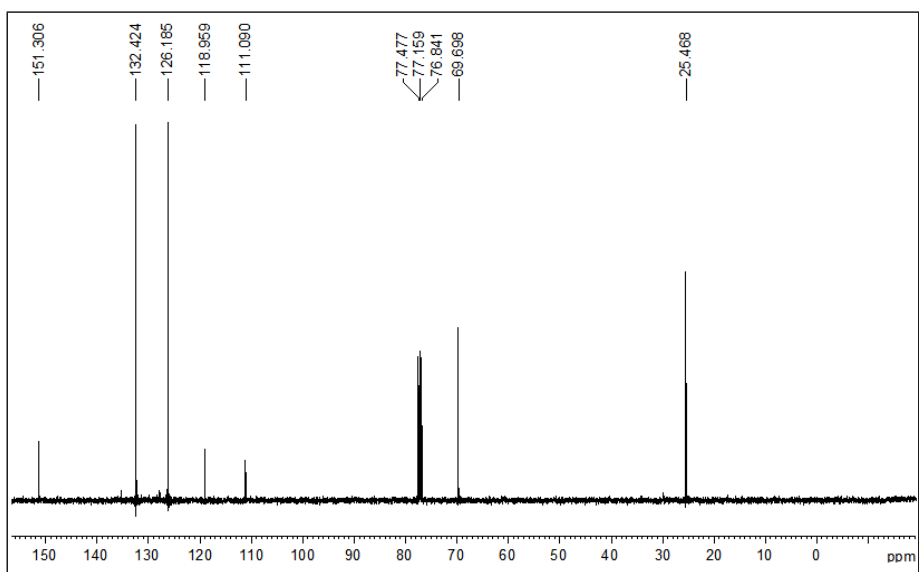


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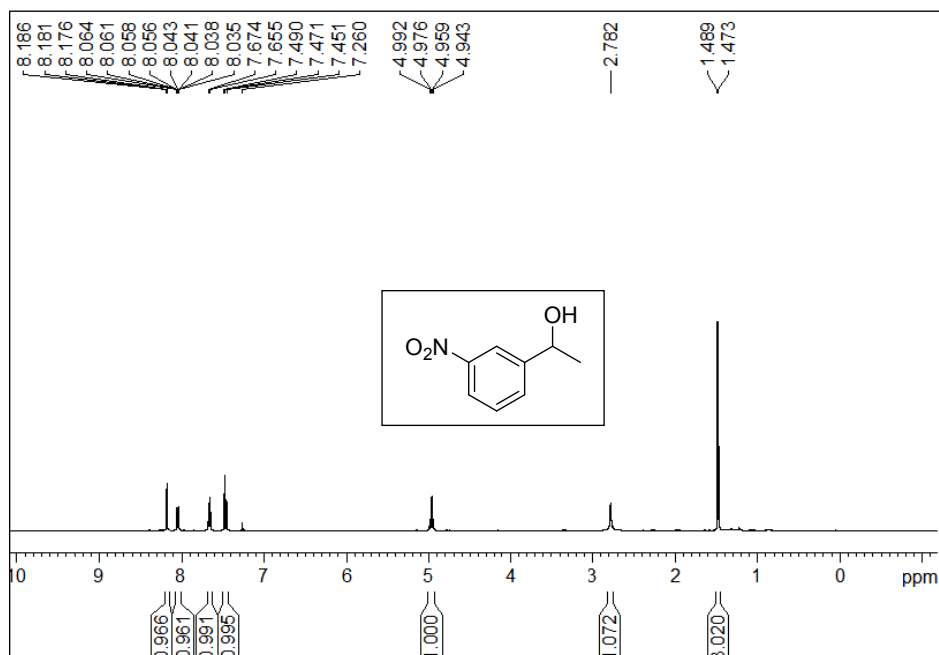




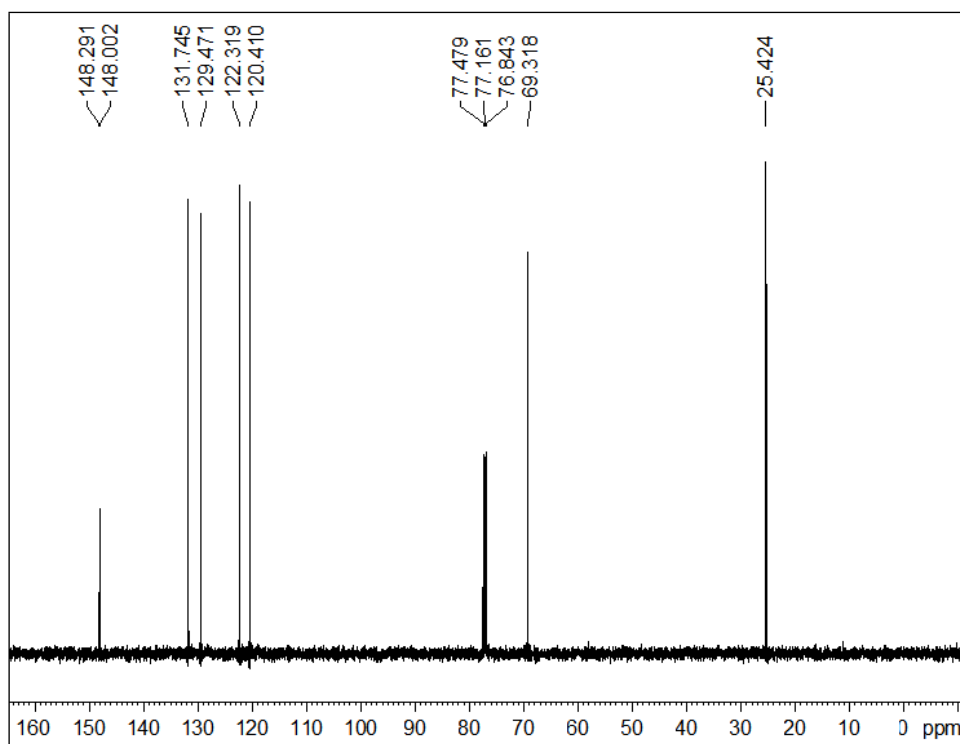
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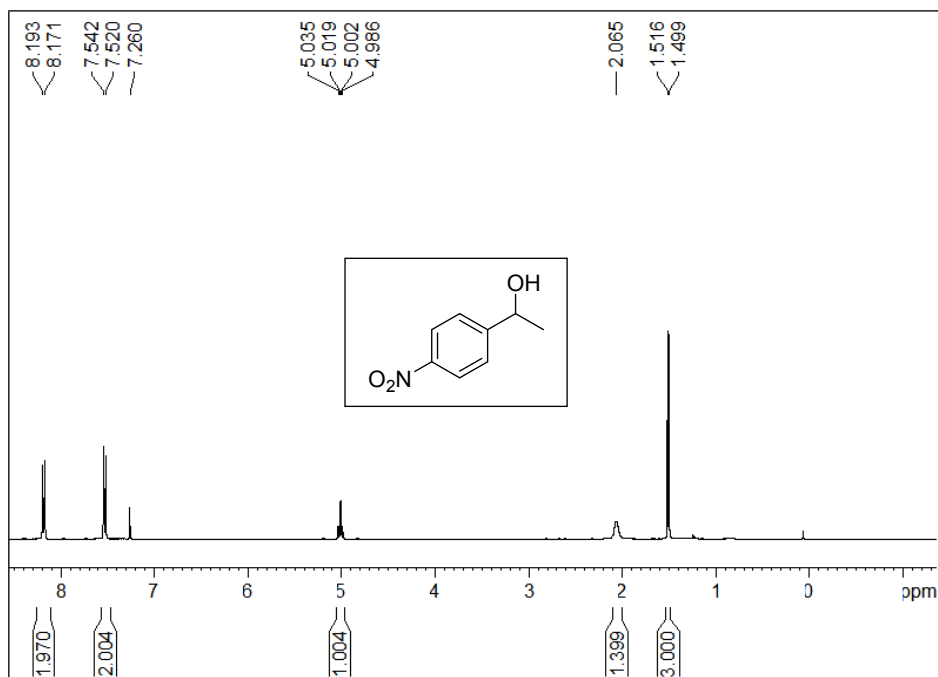
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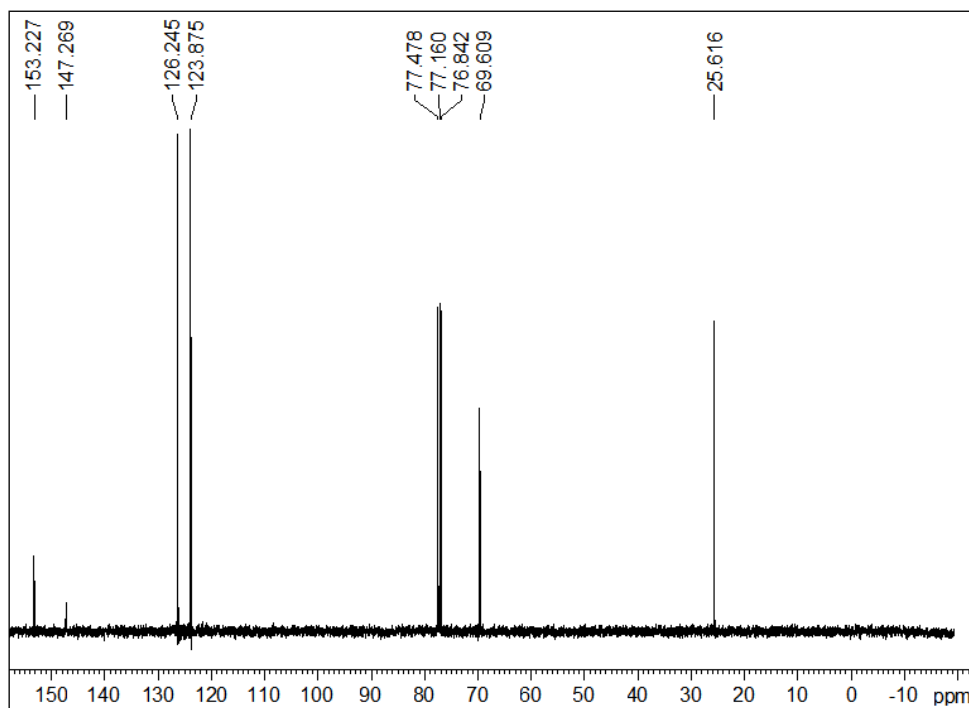
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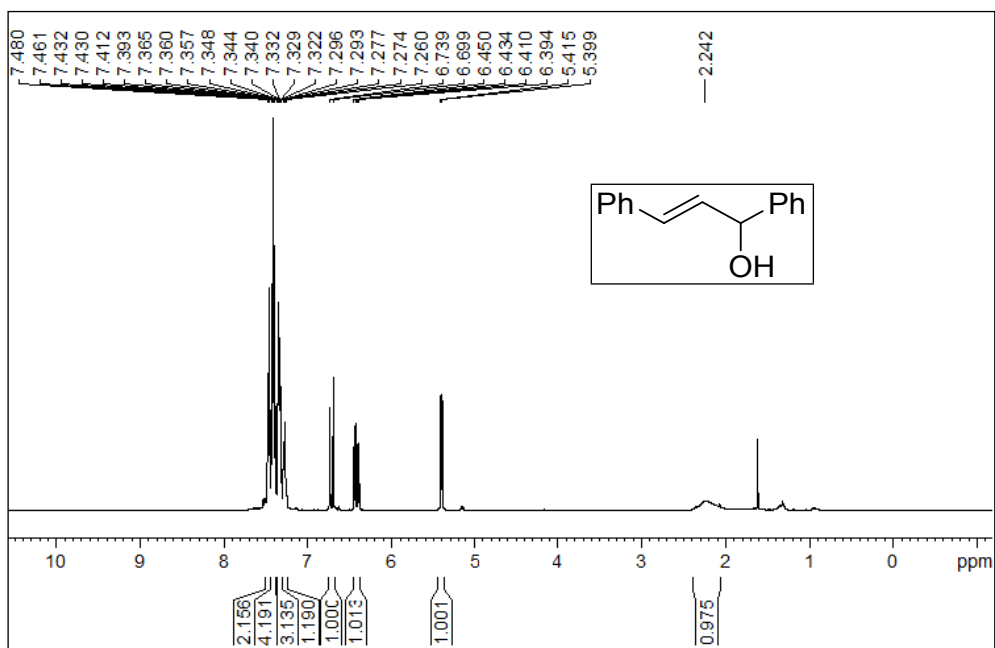
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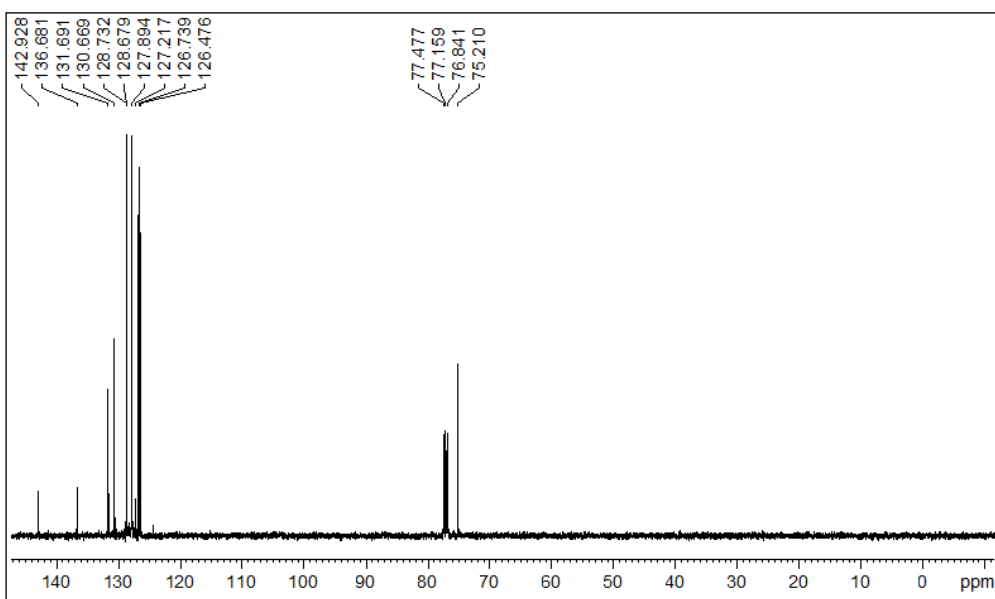
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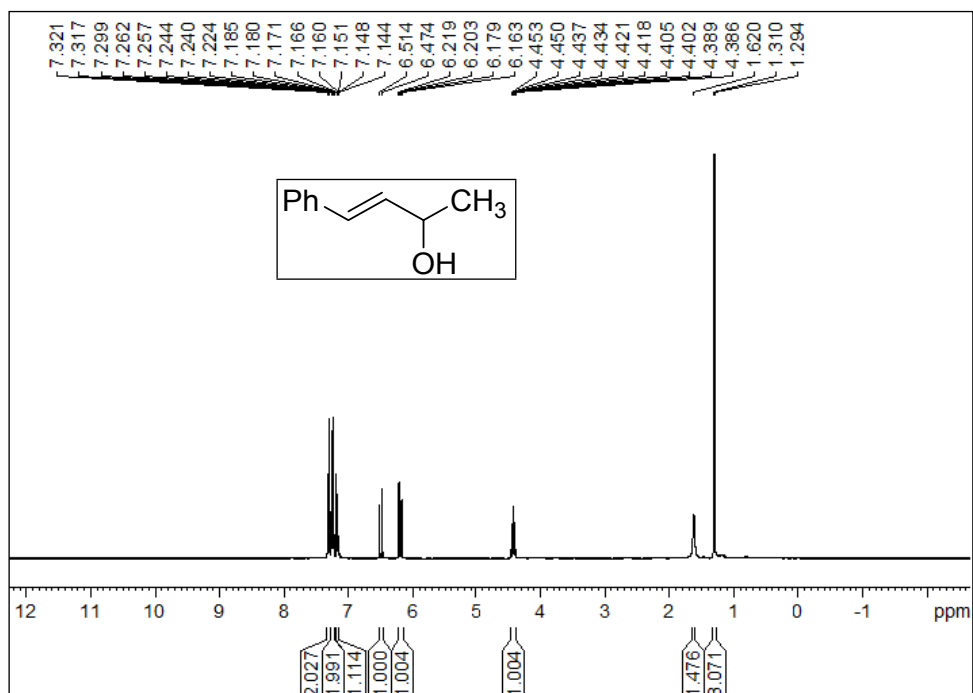
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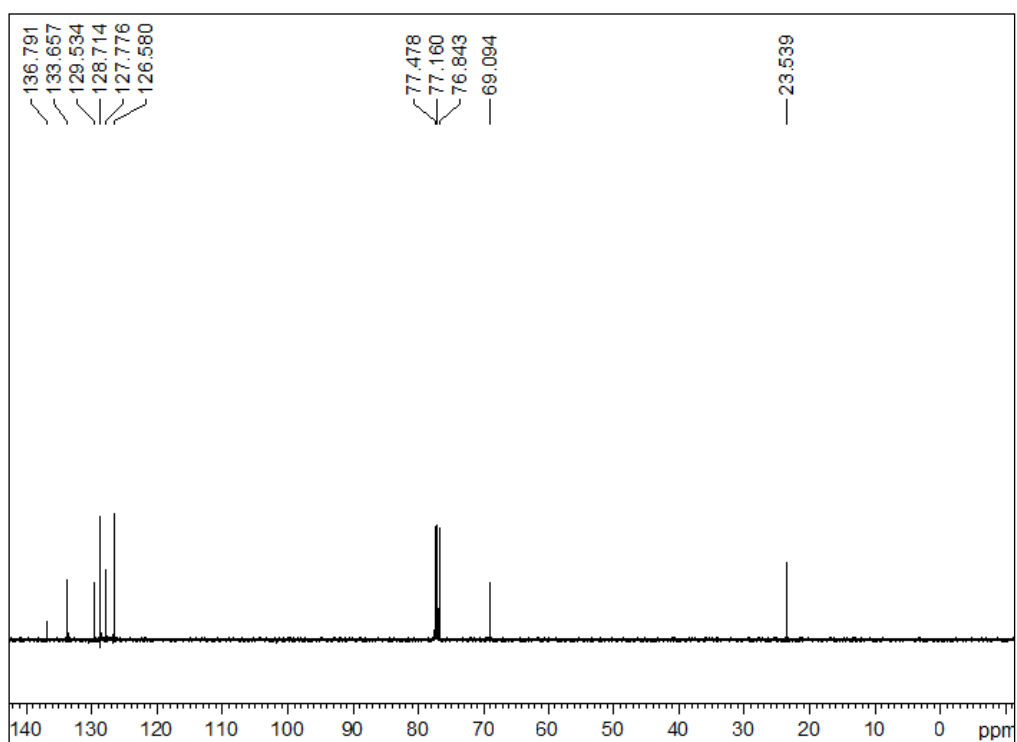
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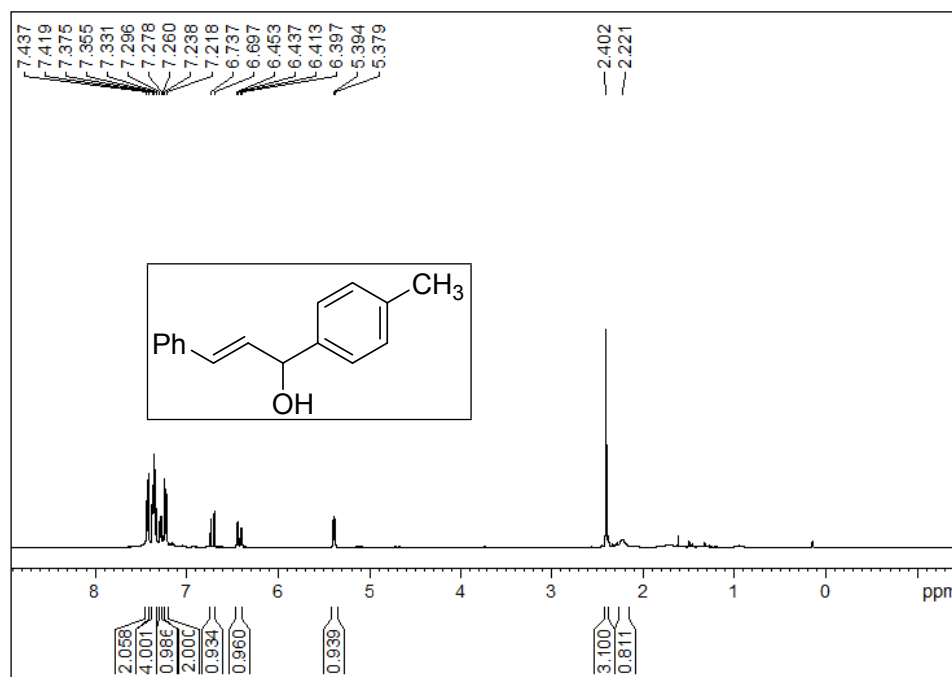
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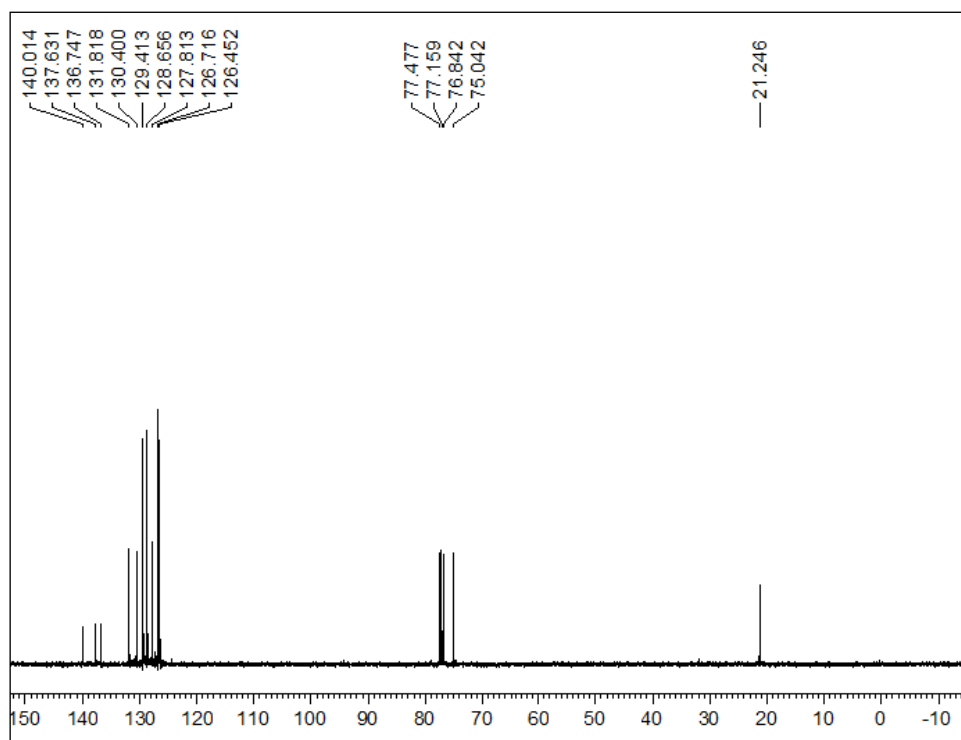
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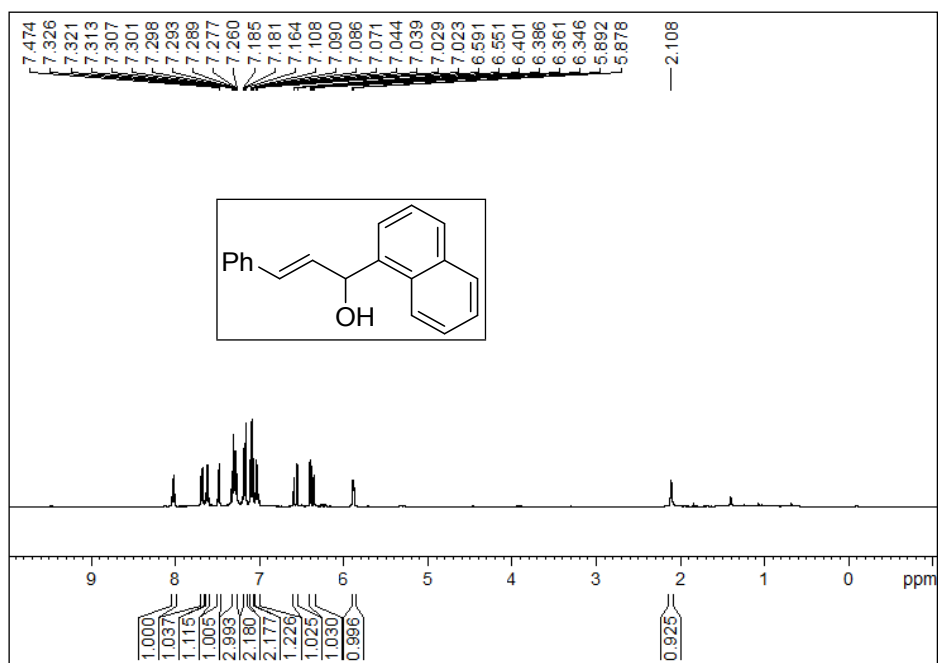
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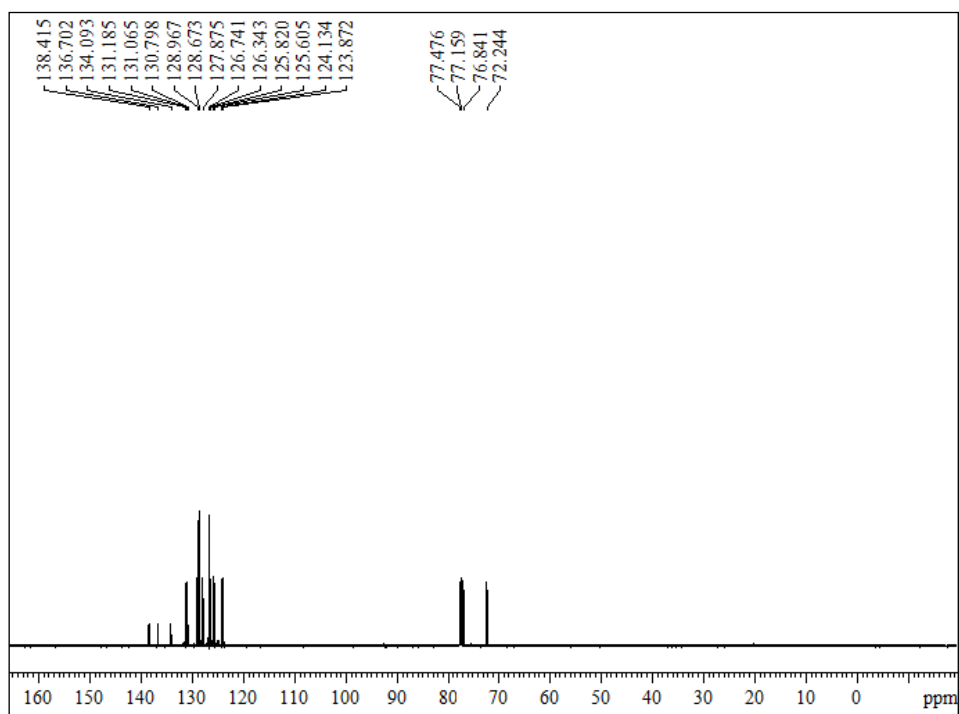
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100 MHz  $^{13}\text{C}$ -NMR spectra of **18g** in  $\text{CDCl}_3$



400 MHz  $^1\text{H}$ -NMR spectra of **18h** in  $\text{CDCl}_3$



100 MHz  $^{13}\text{C}$ -NMR spectra of **18h** in  $\text{CDCl}_3$