

One-pot three-component synthesis of 1,2,3-triazoles using magnetic NiFe₂O₄-glutamate-Cu as an efficient heterogeneous catalyst in water

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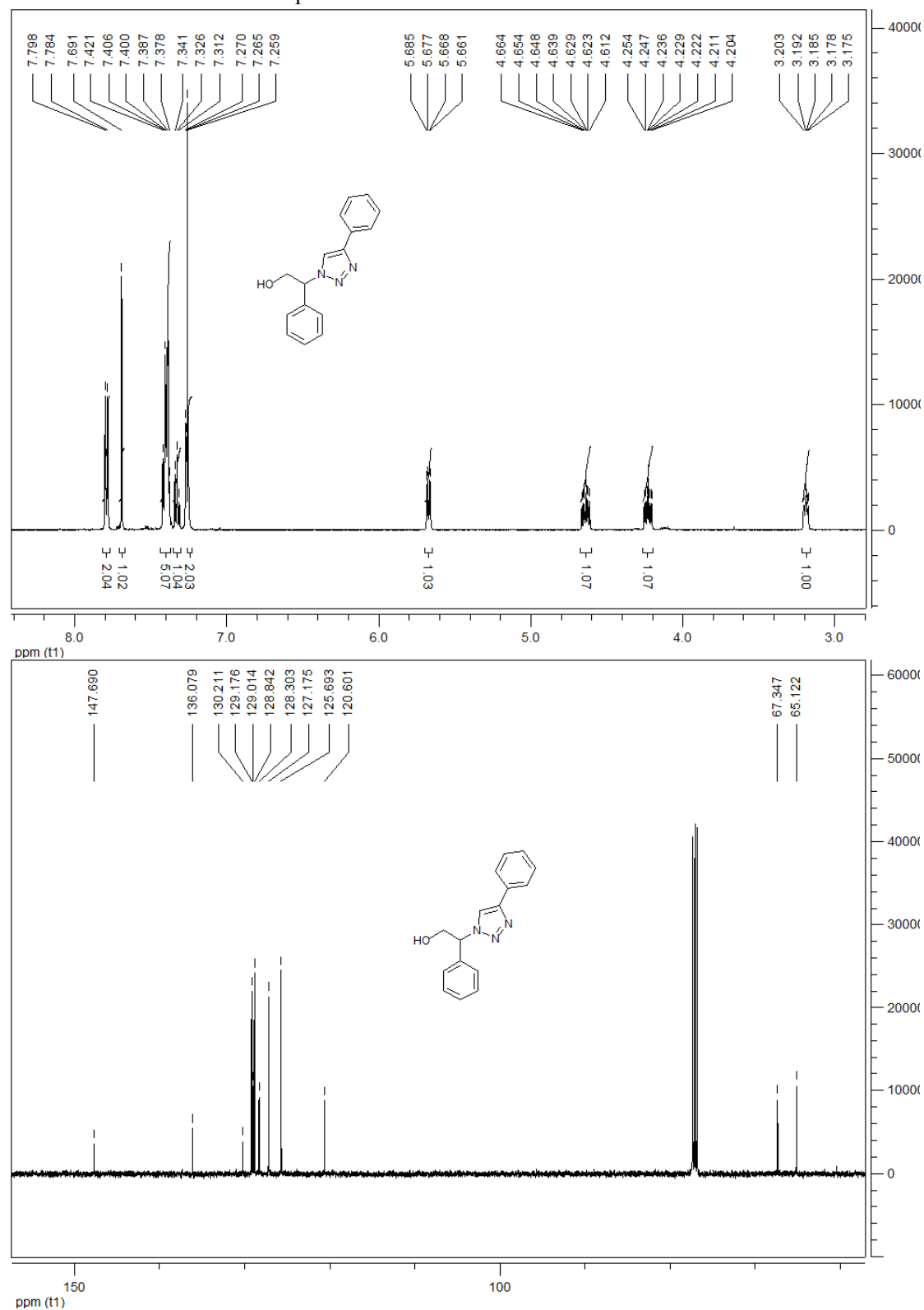
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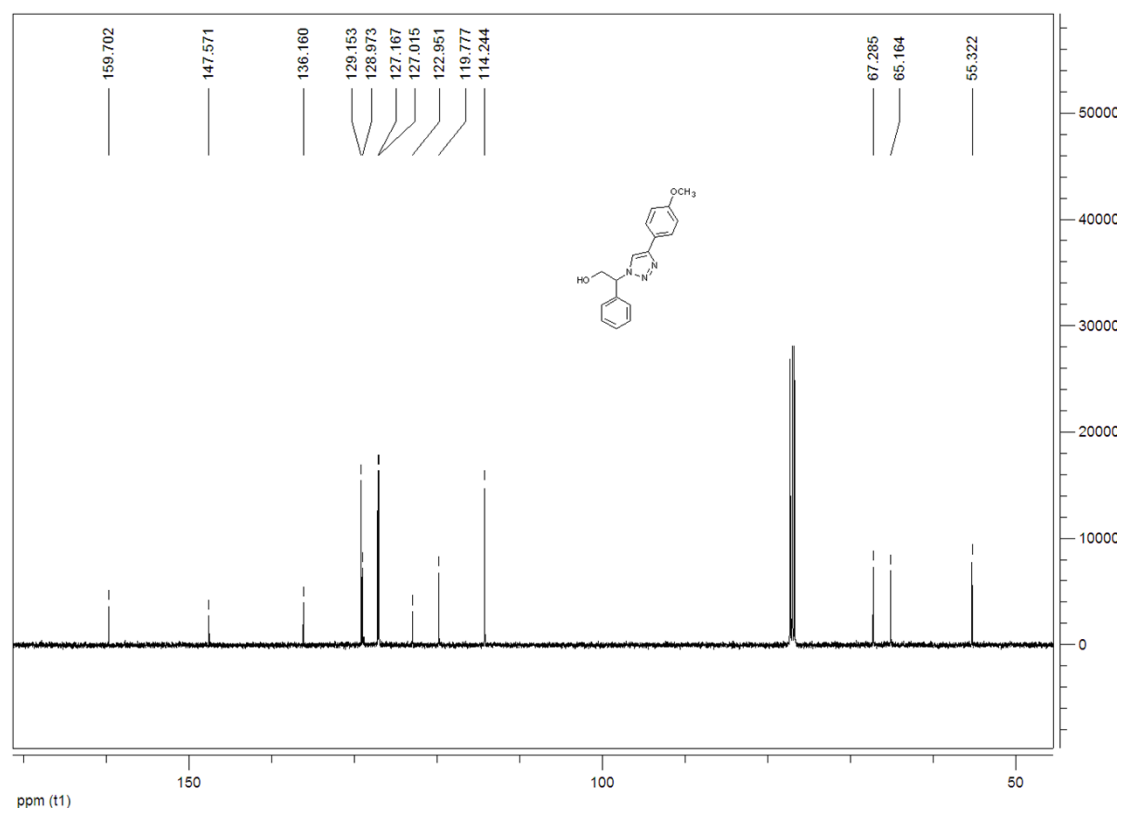
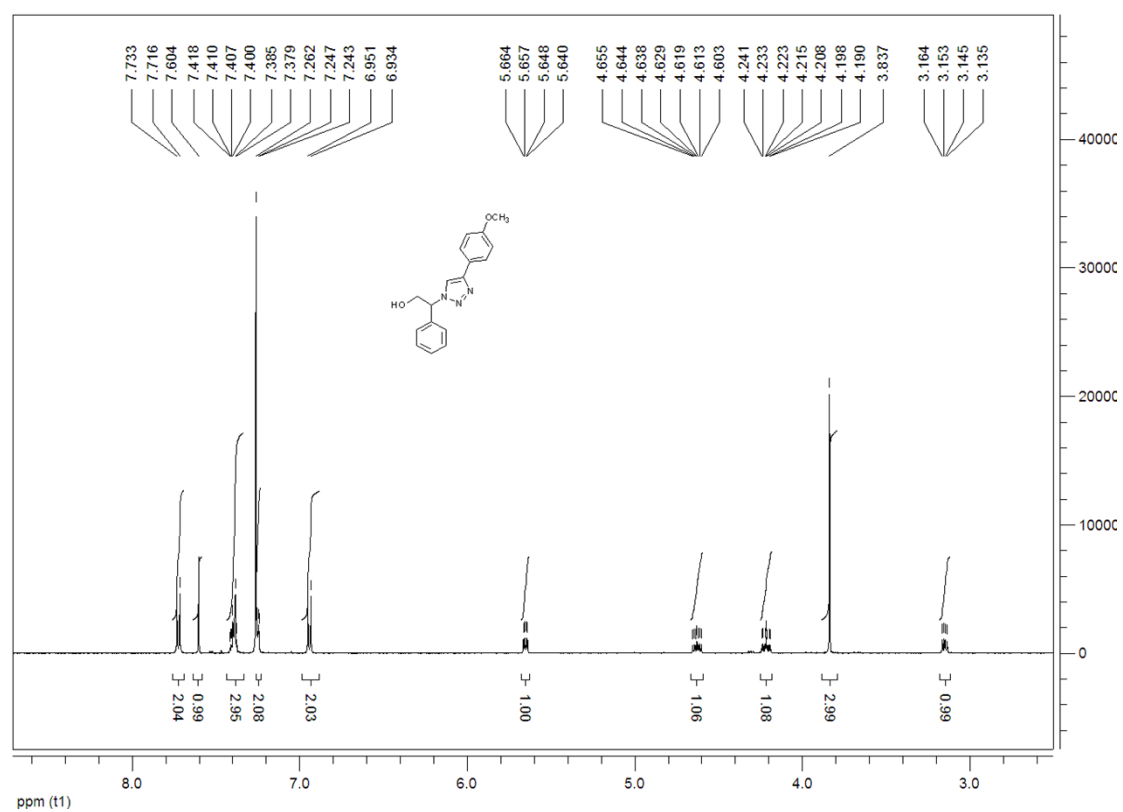
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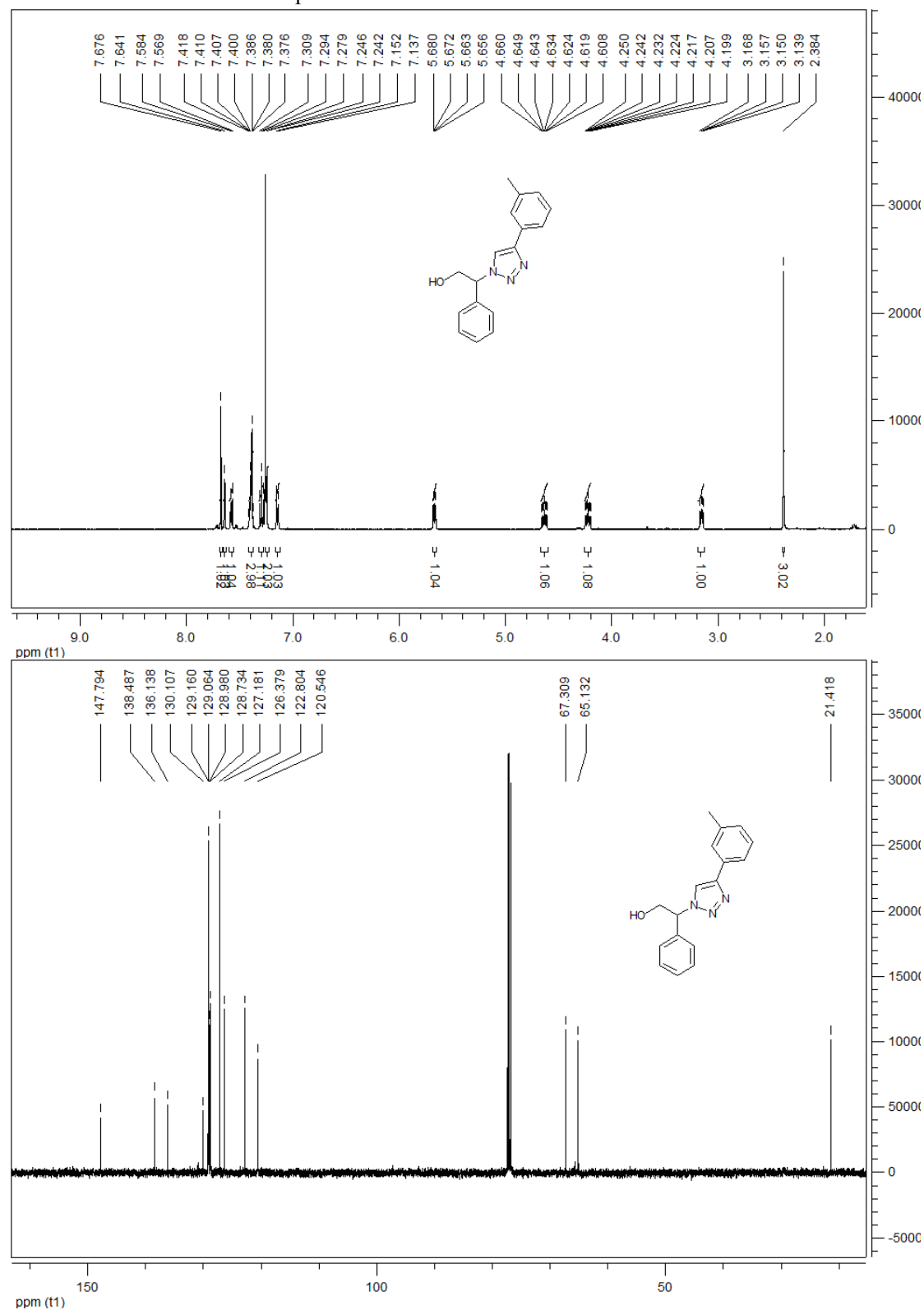
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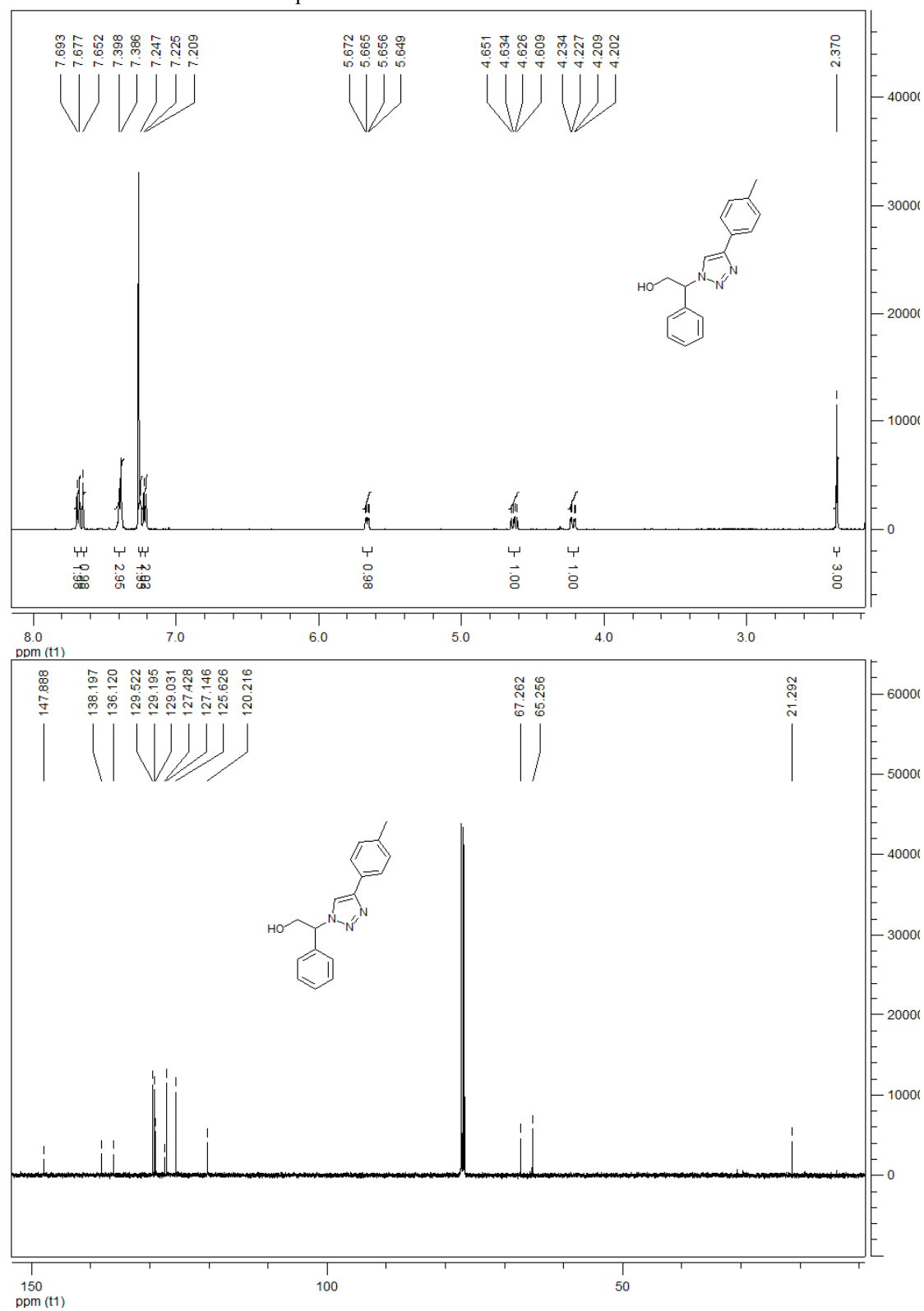
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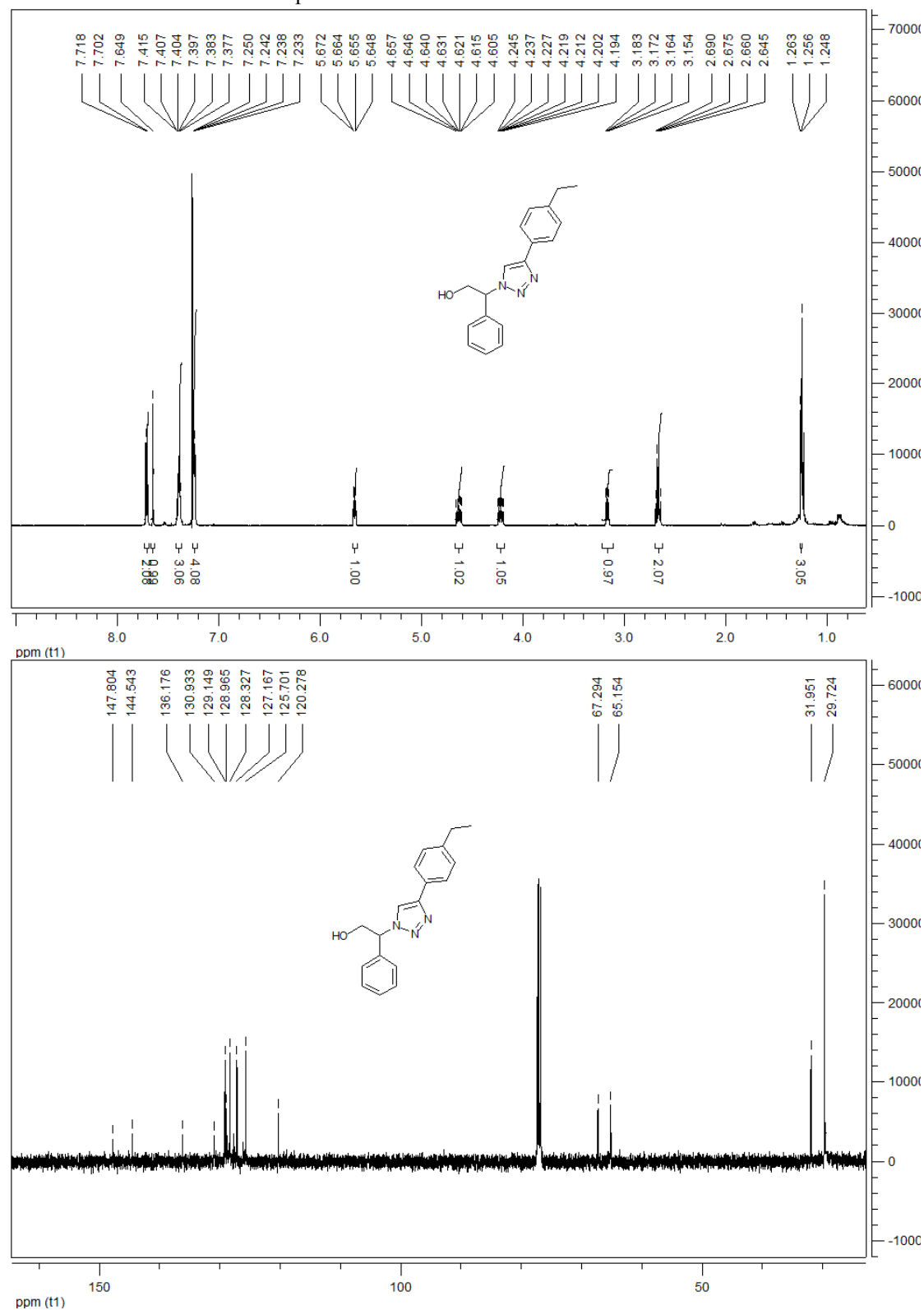
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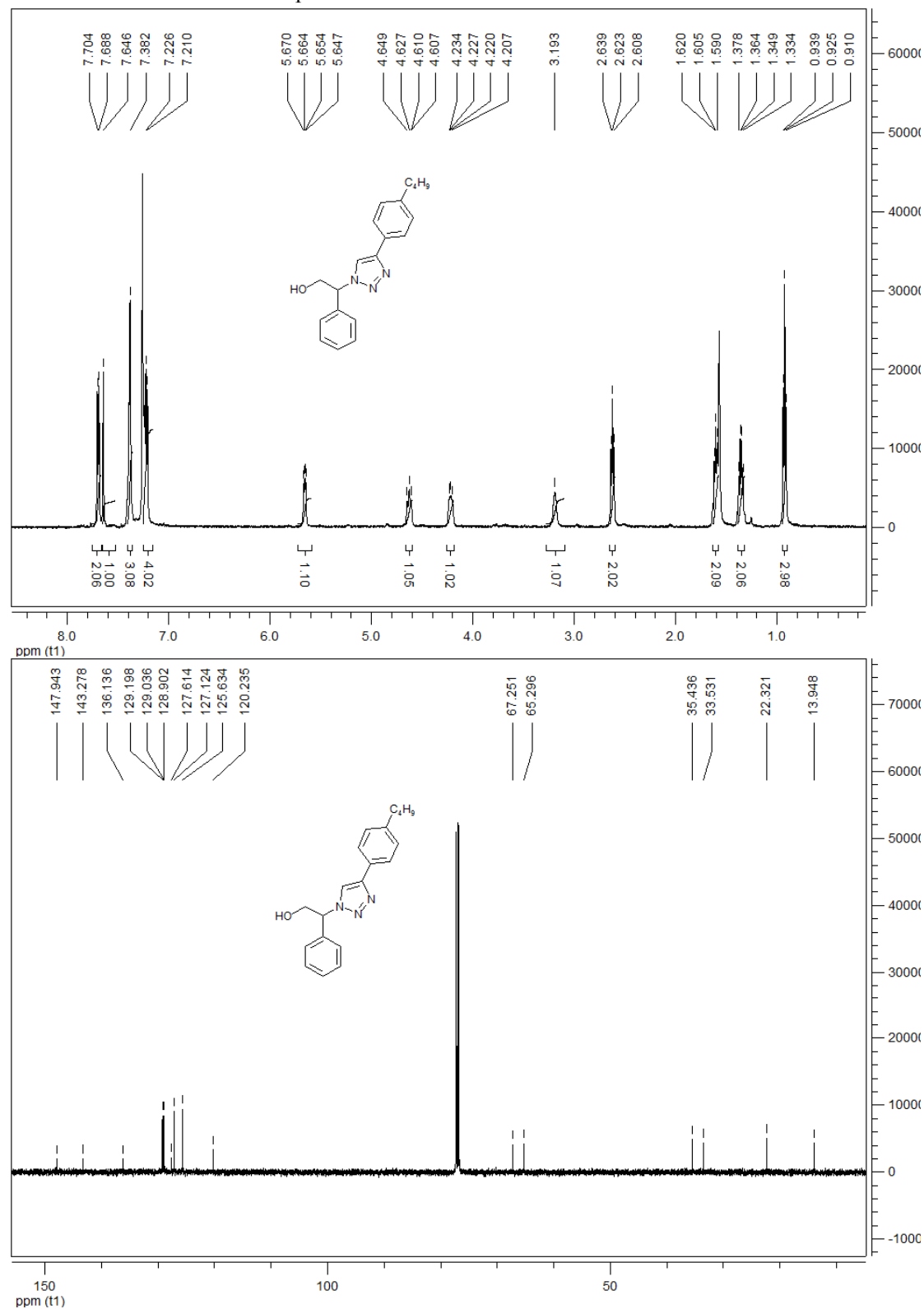
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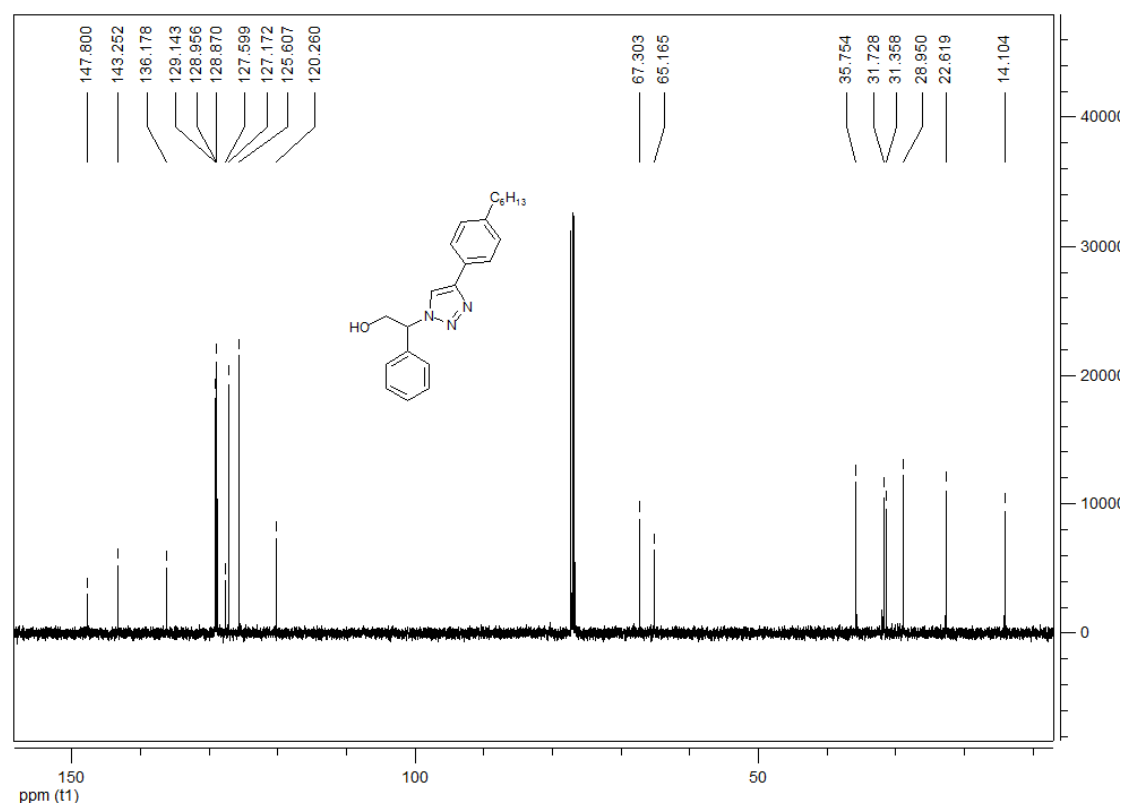
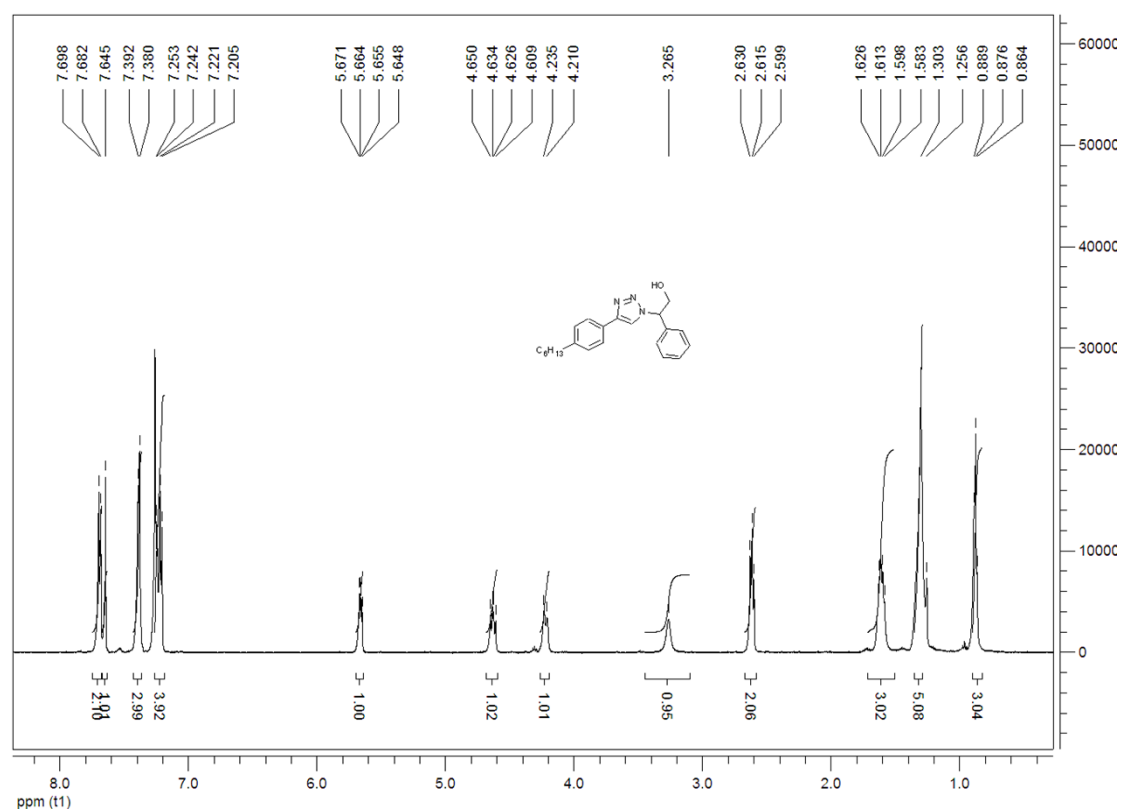
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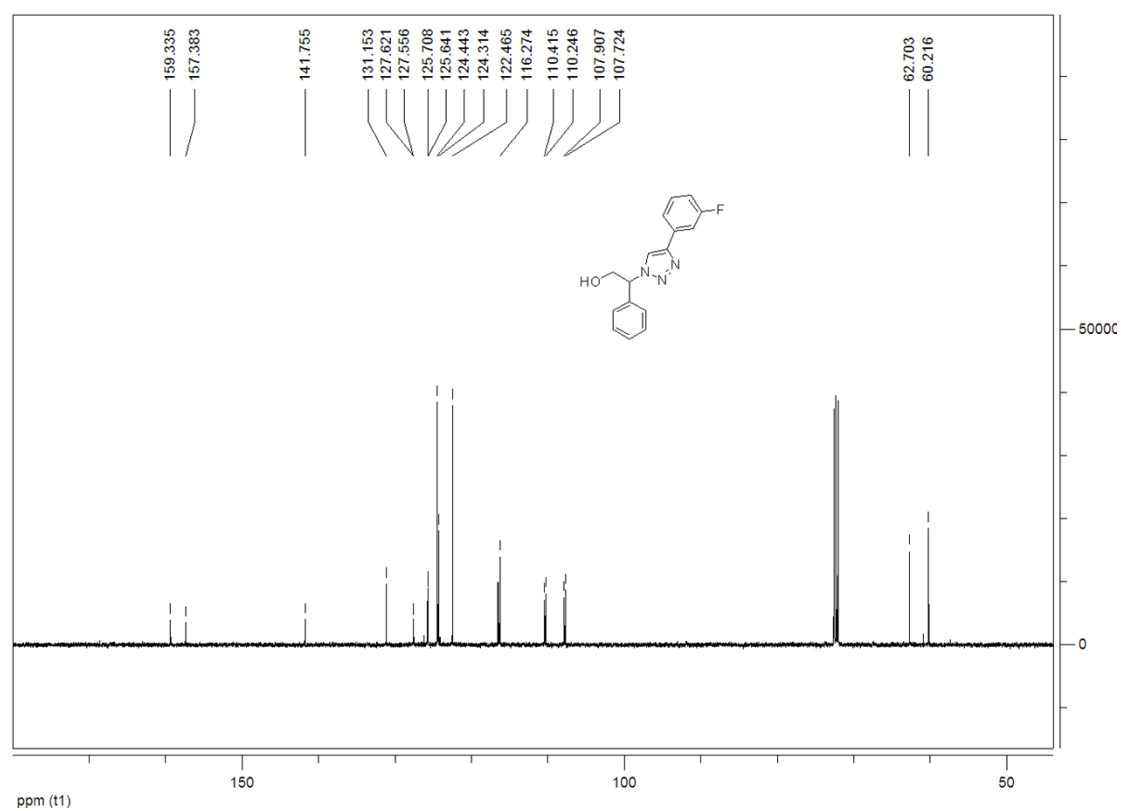
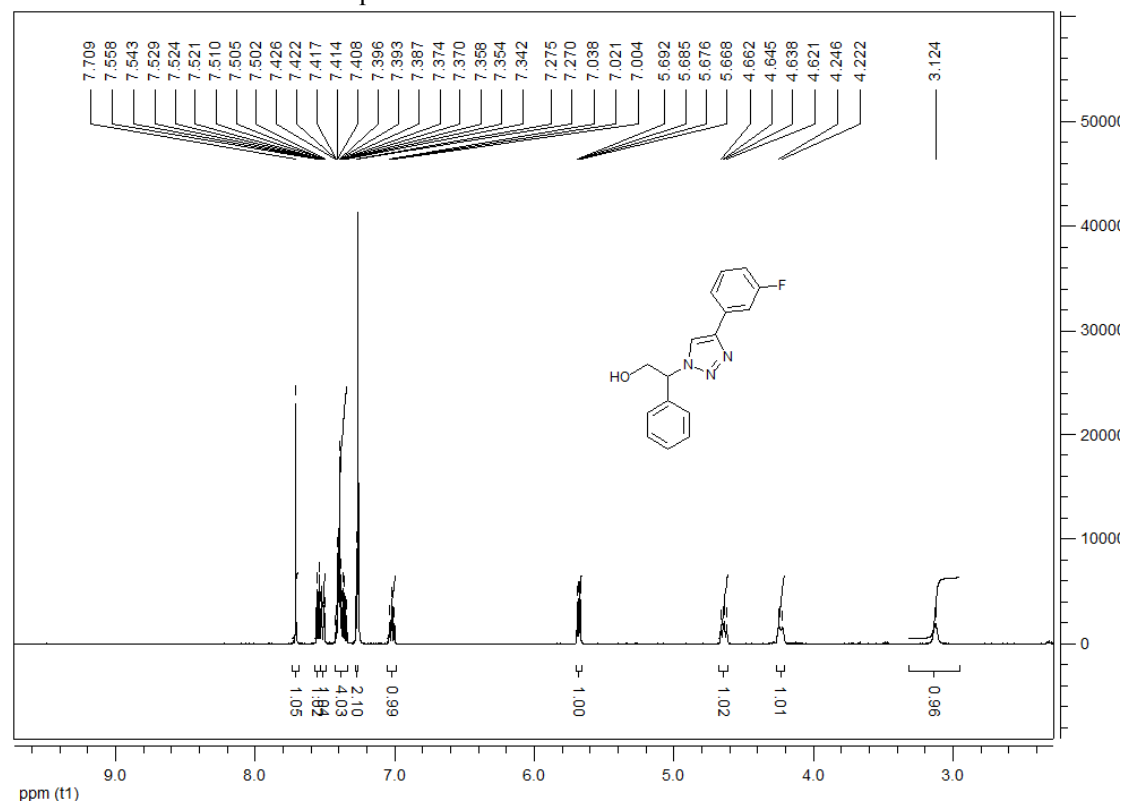


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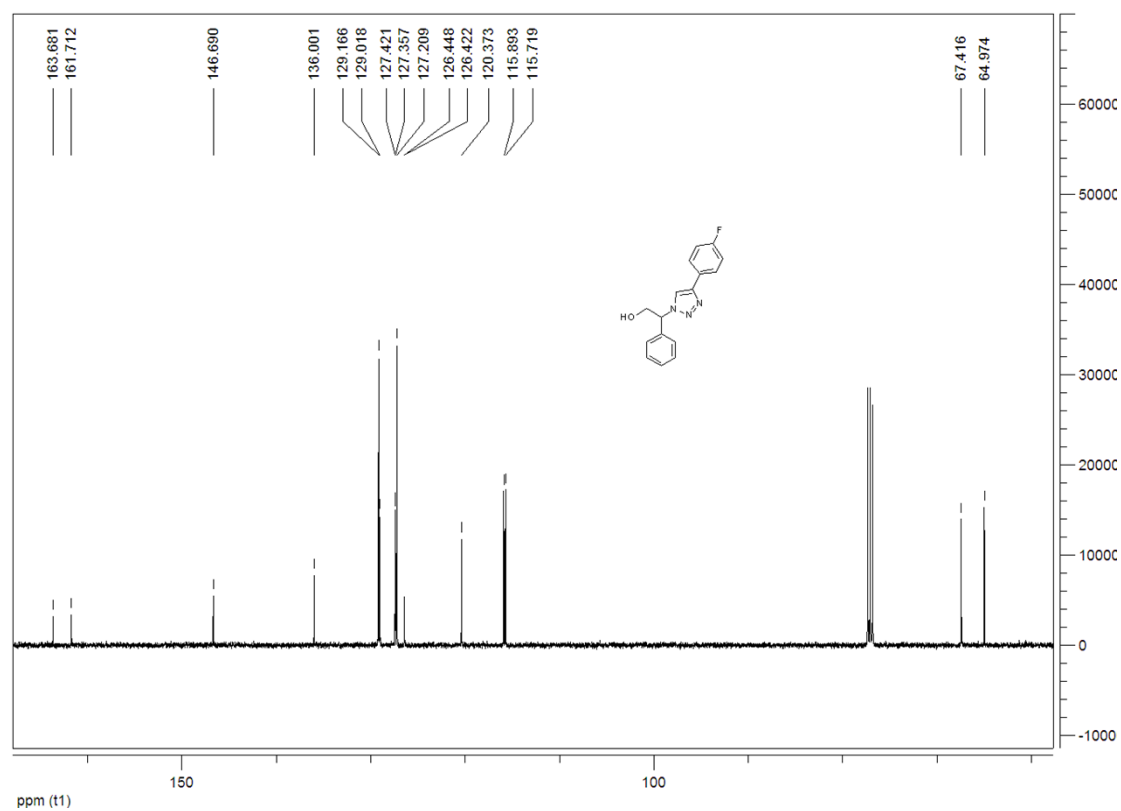
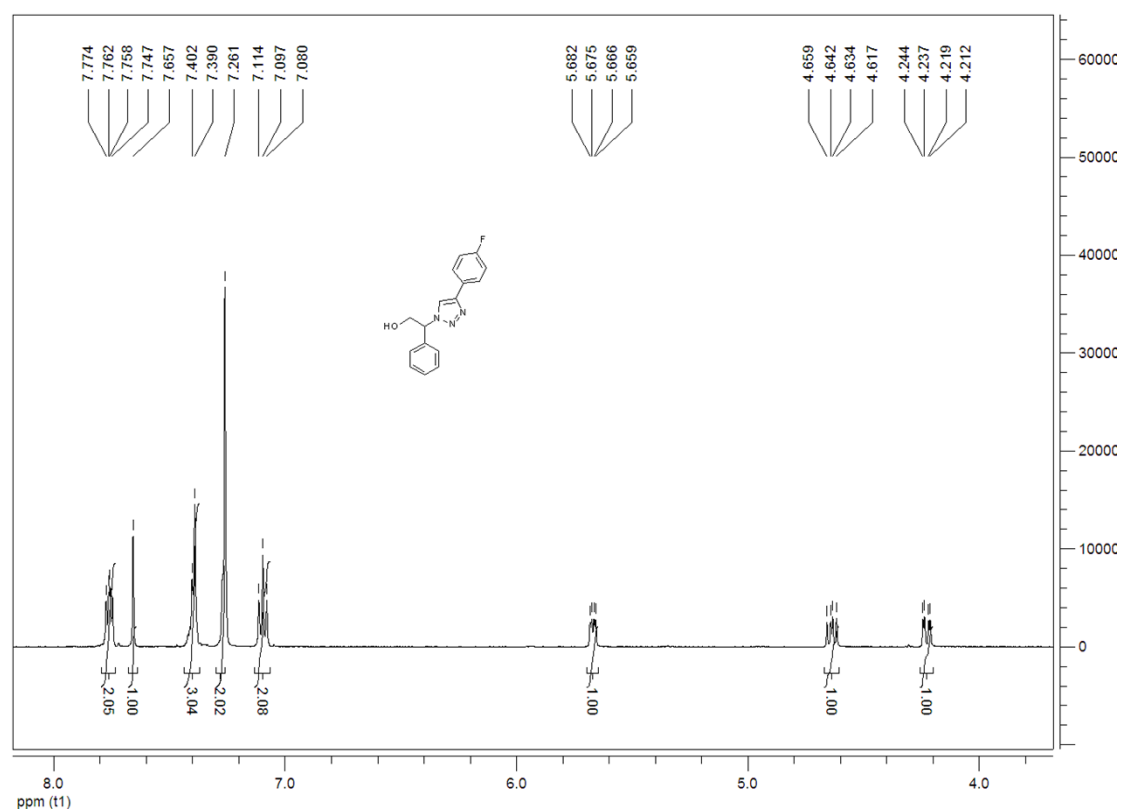


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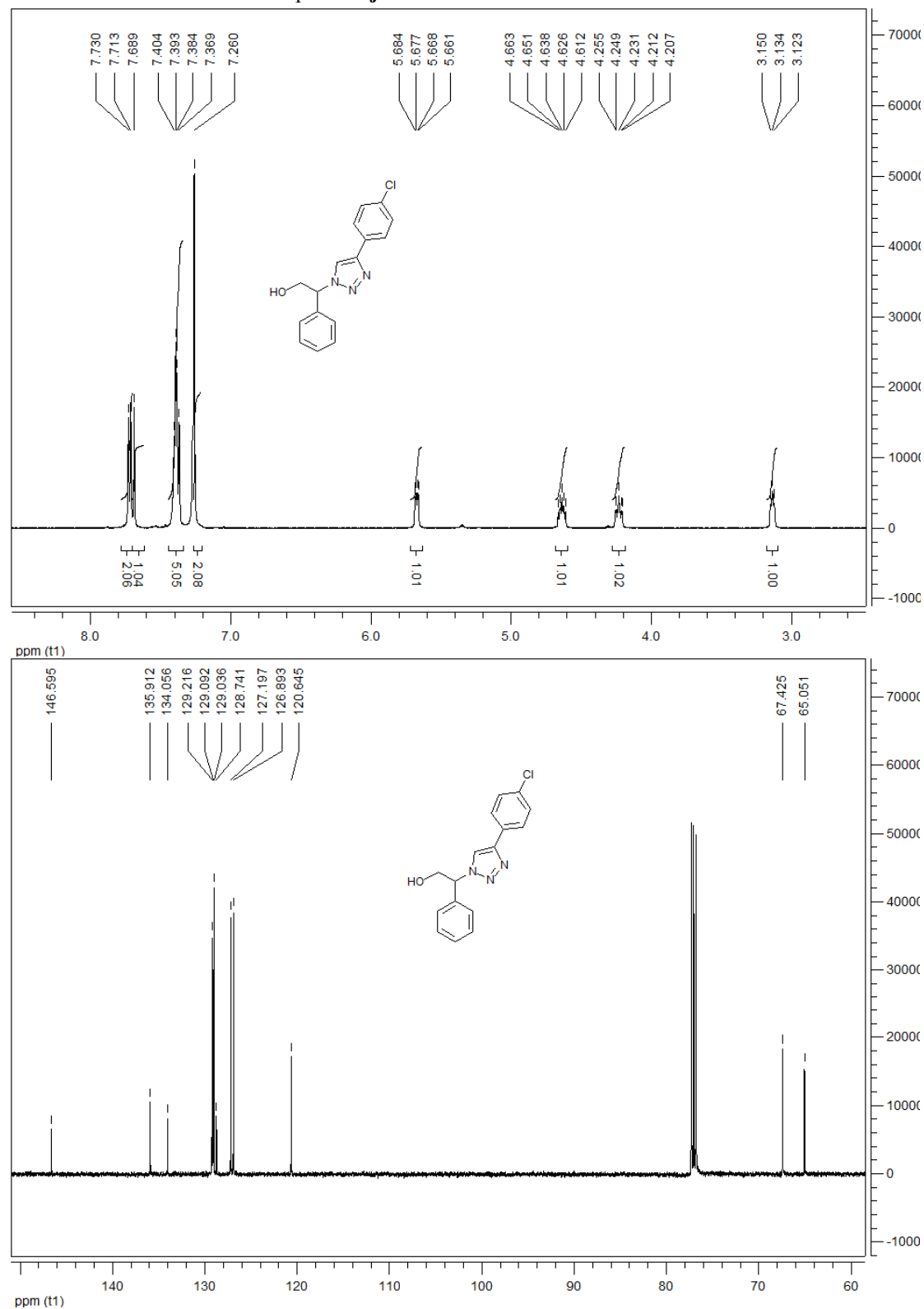


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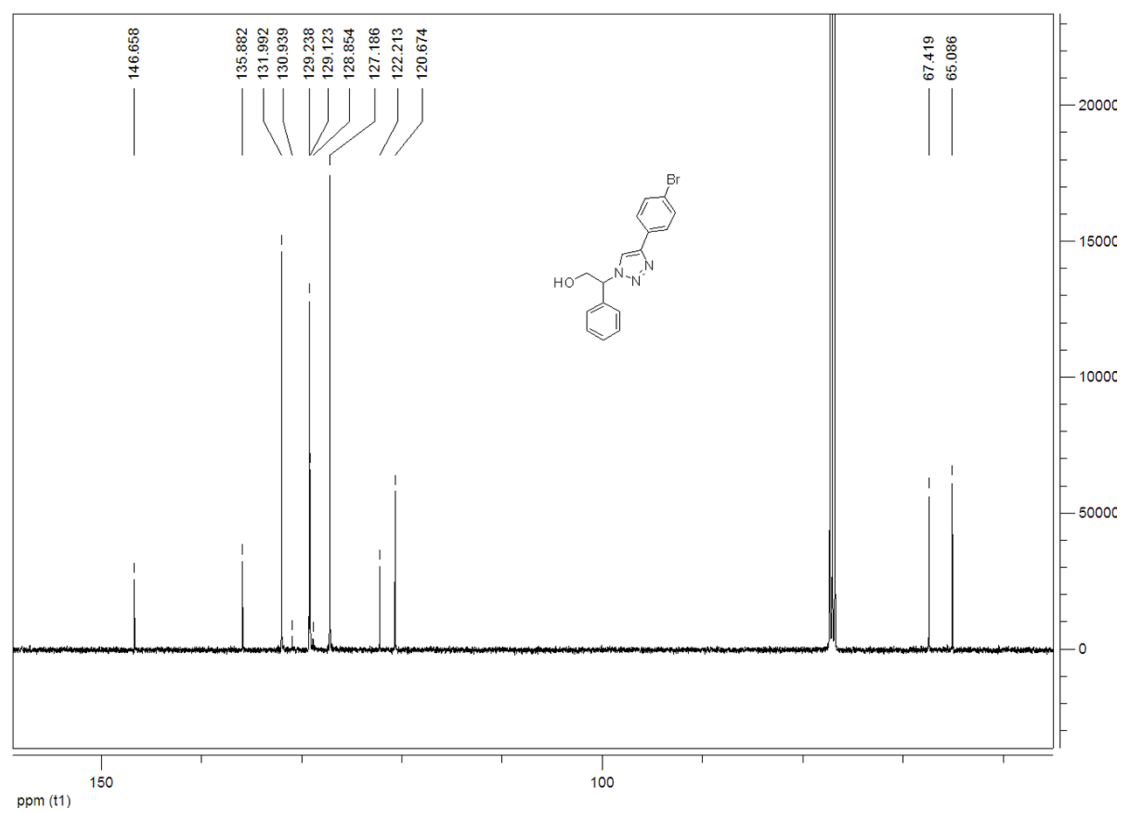
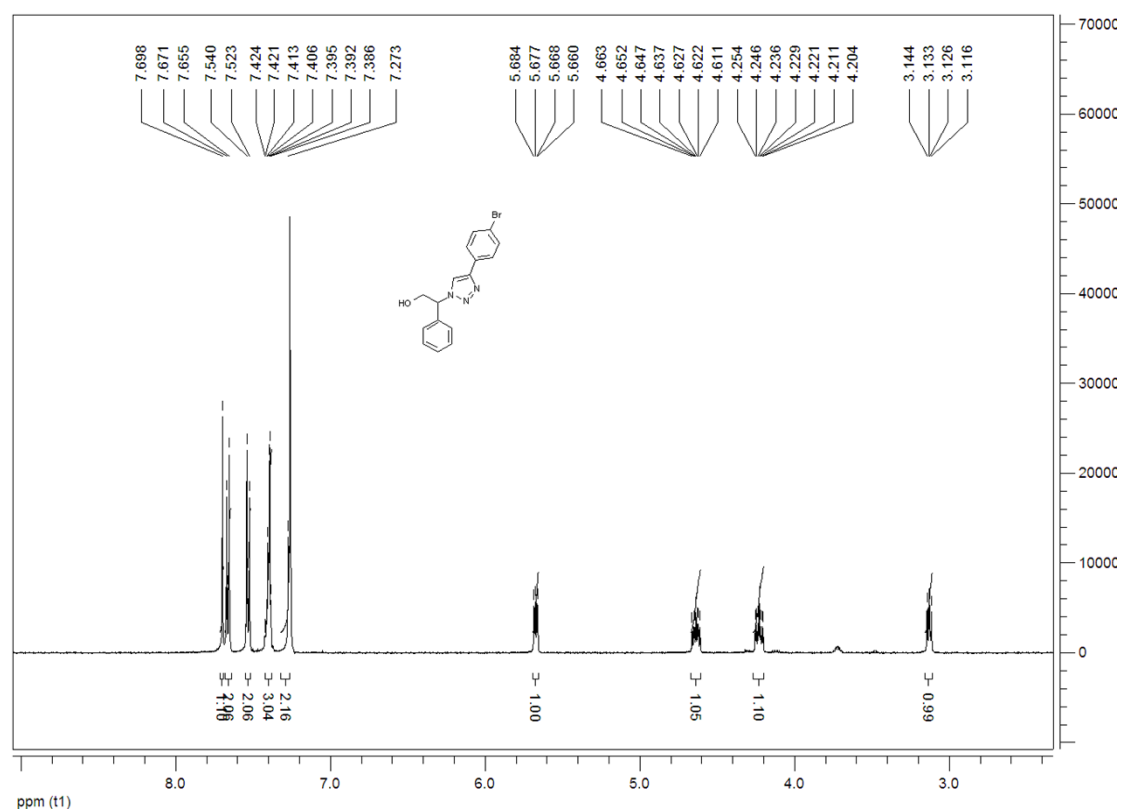
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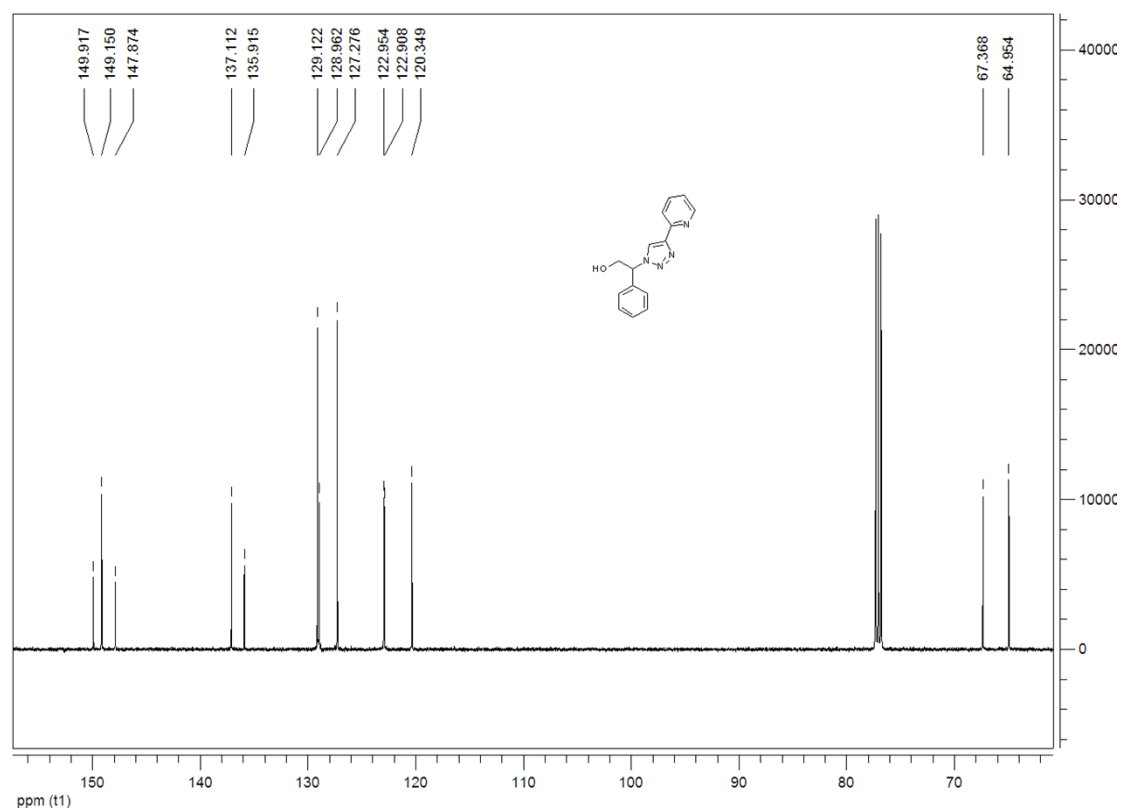
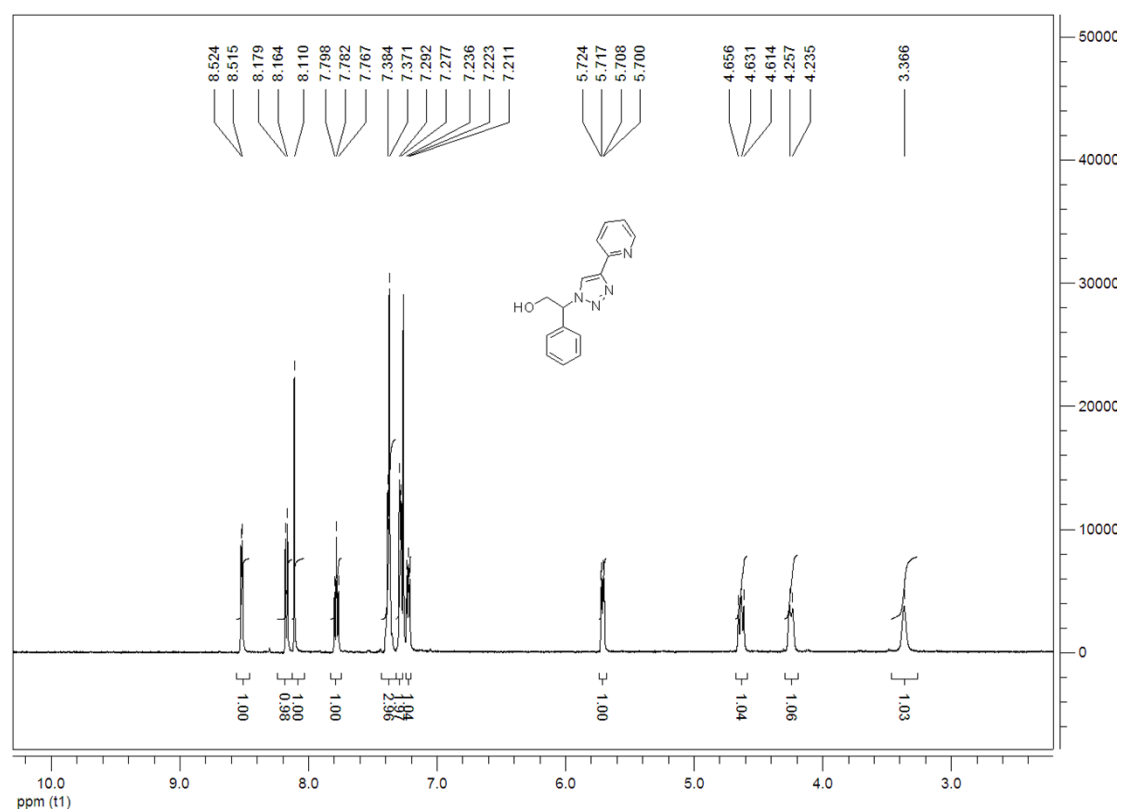
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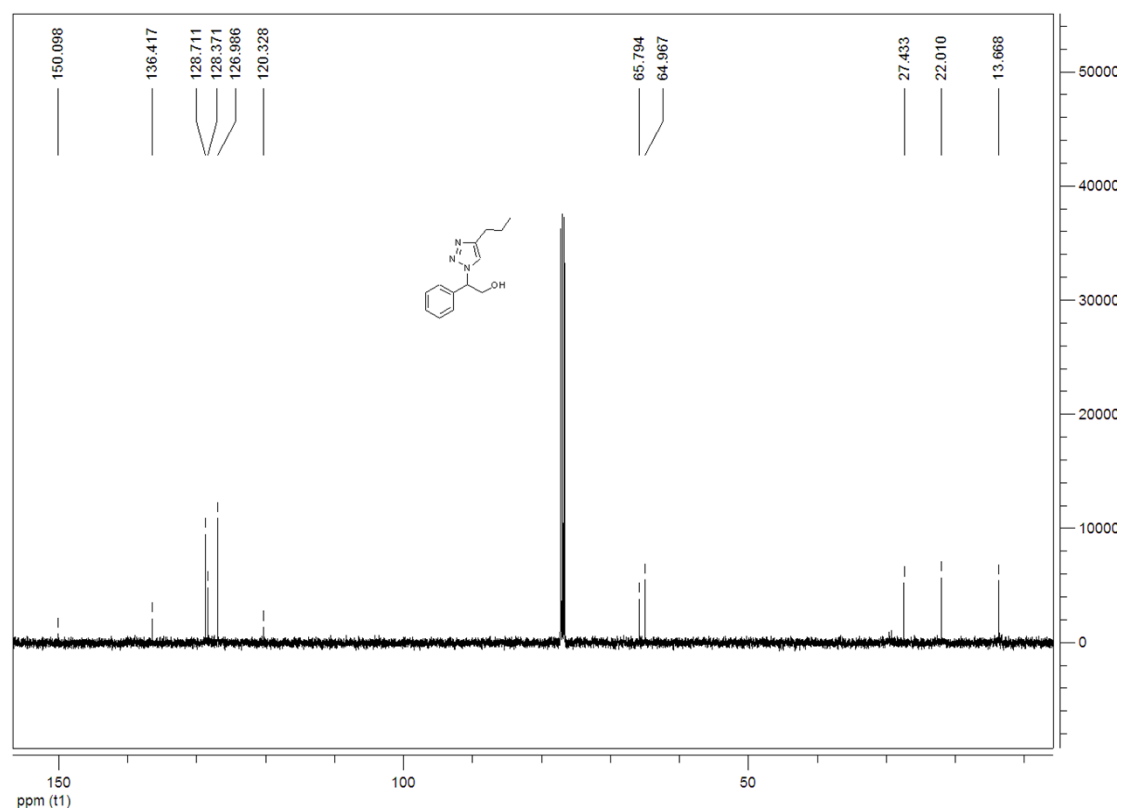
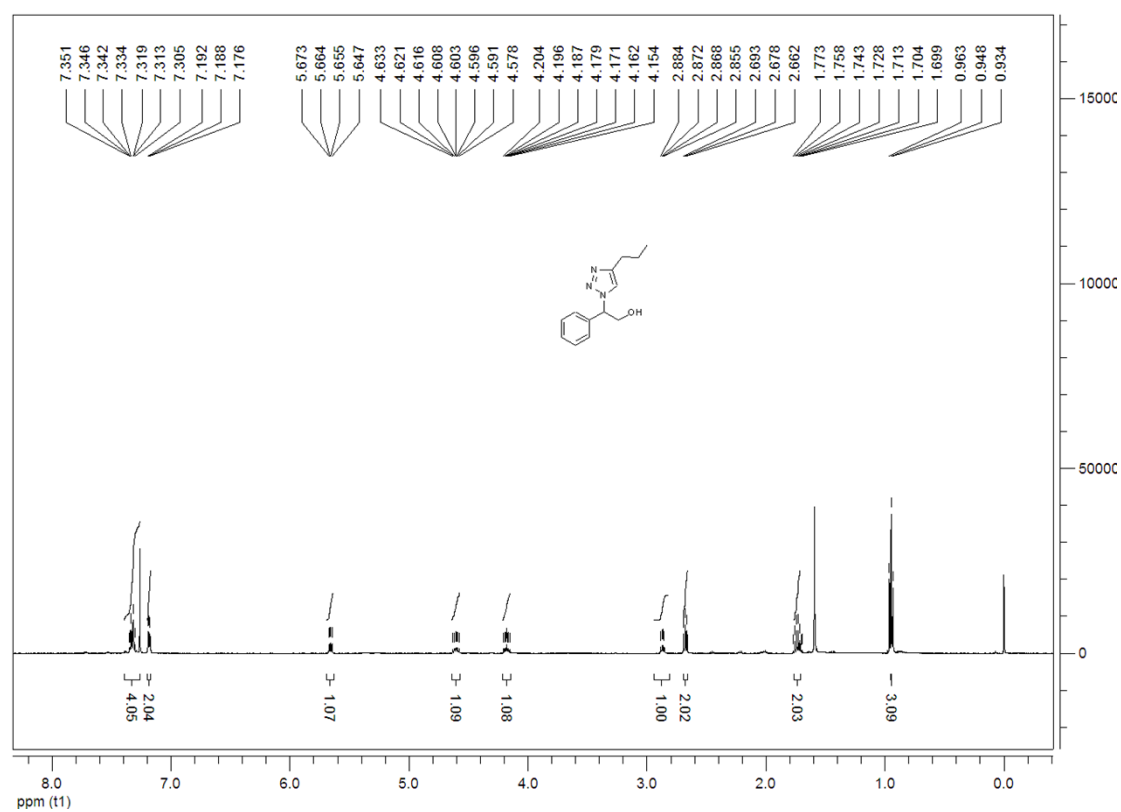
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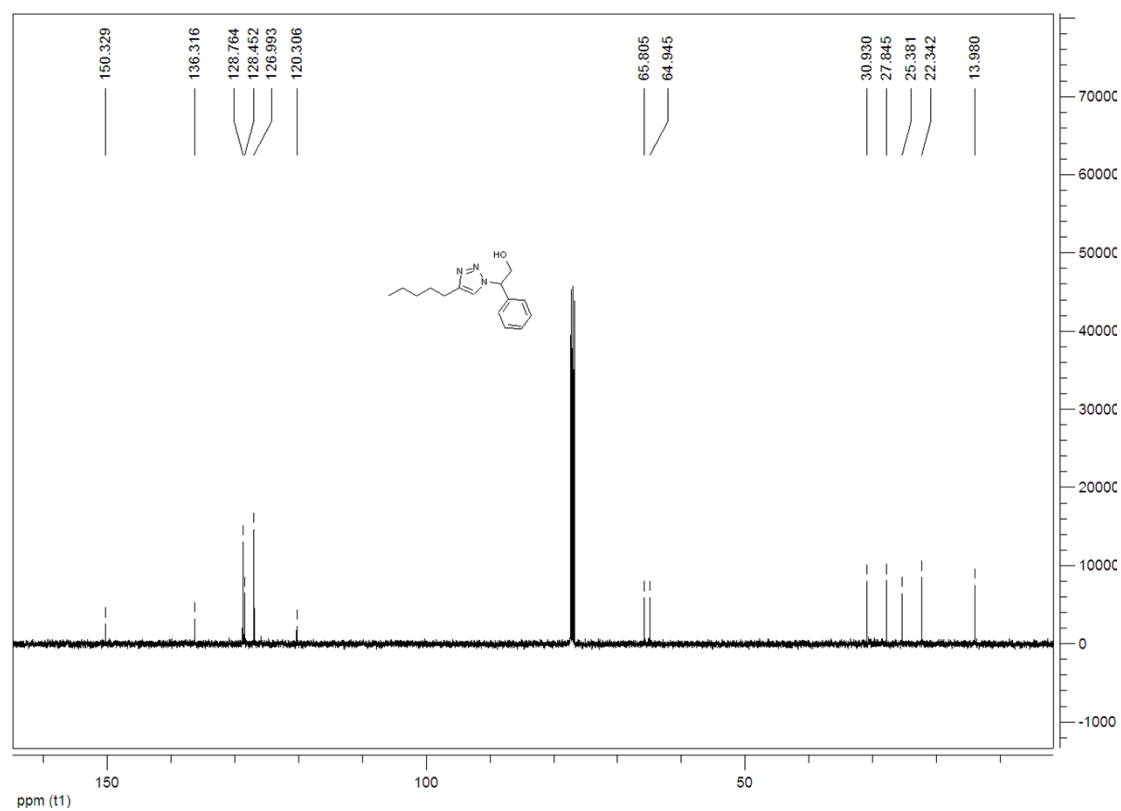
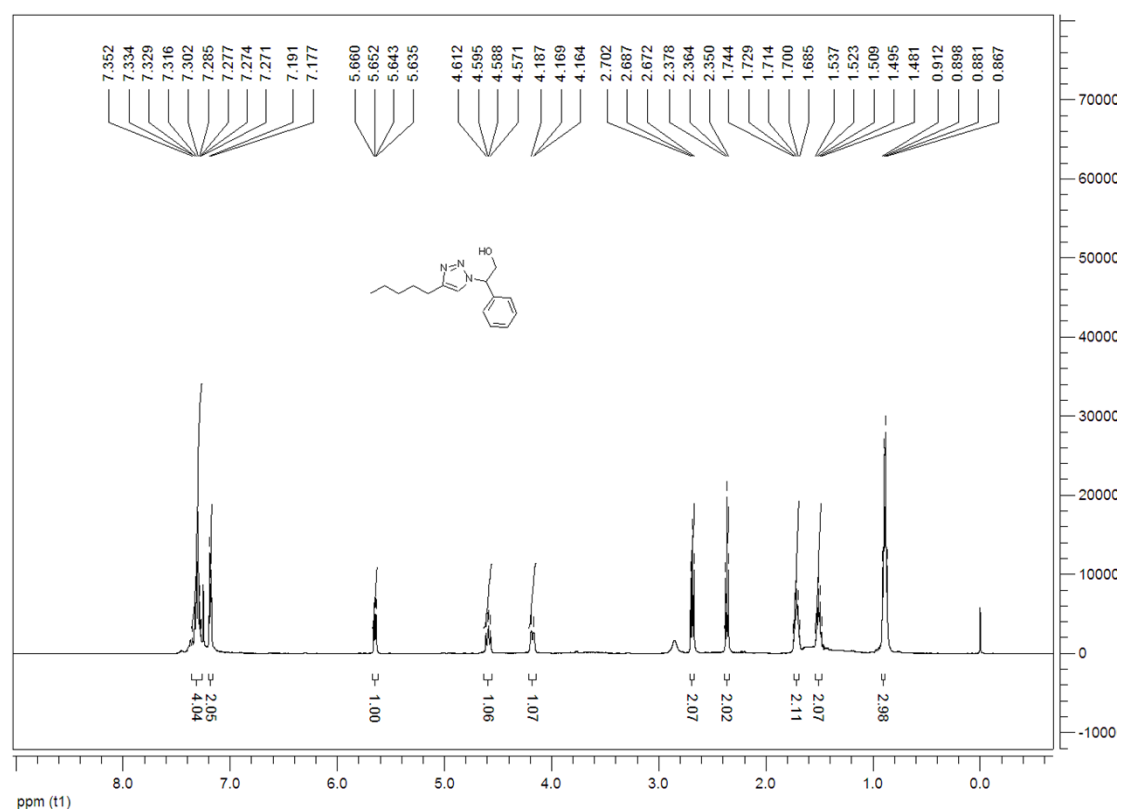
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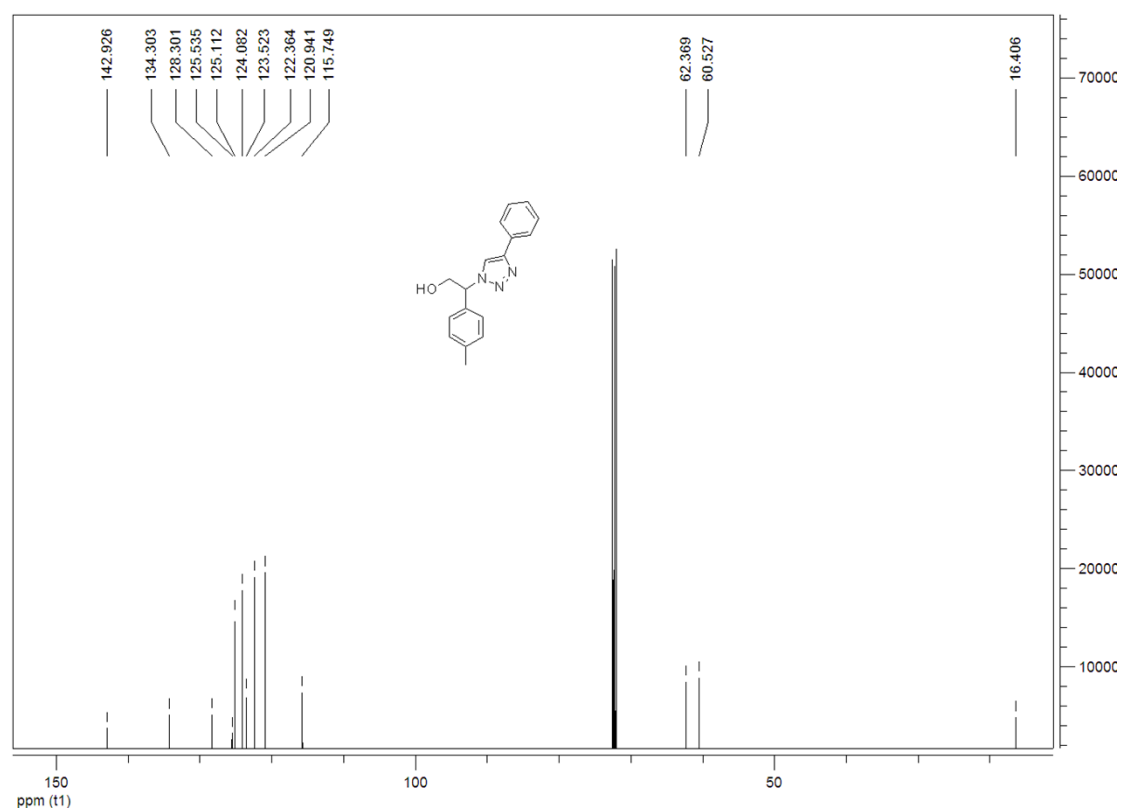
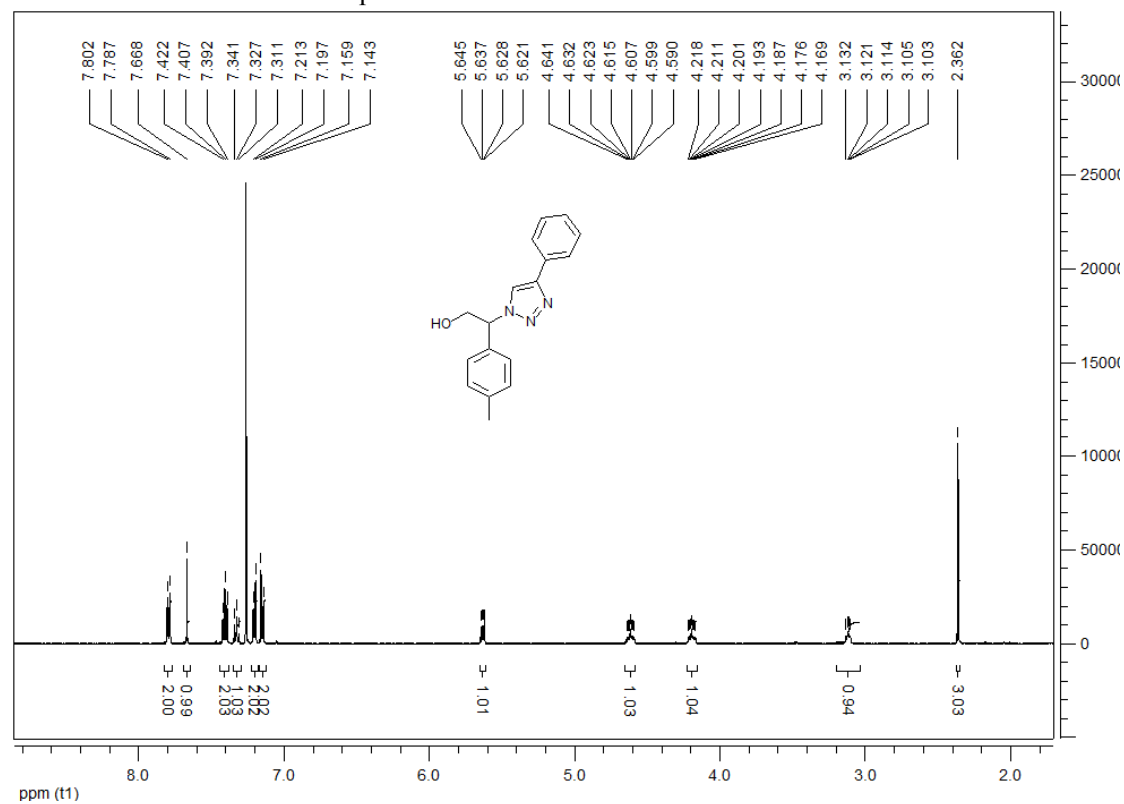
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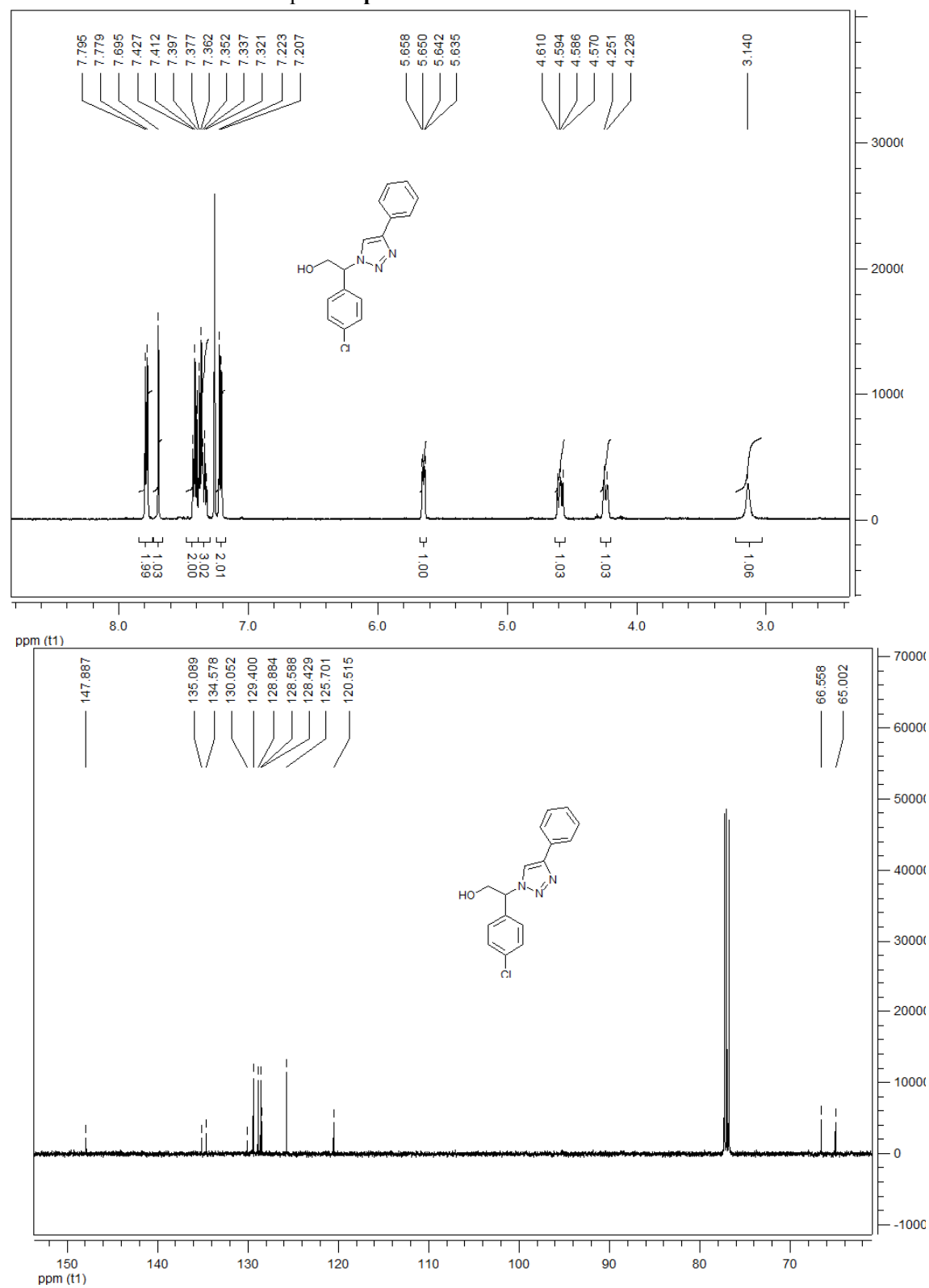
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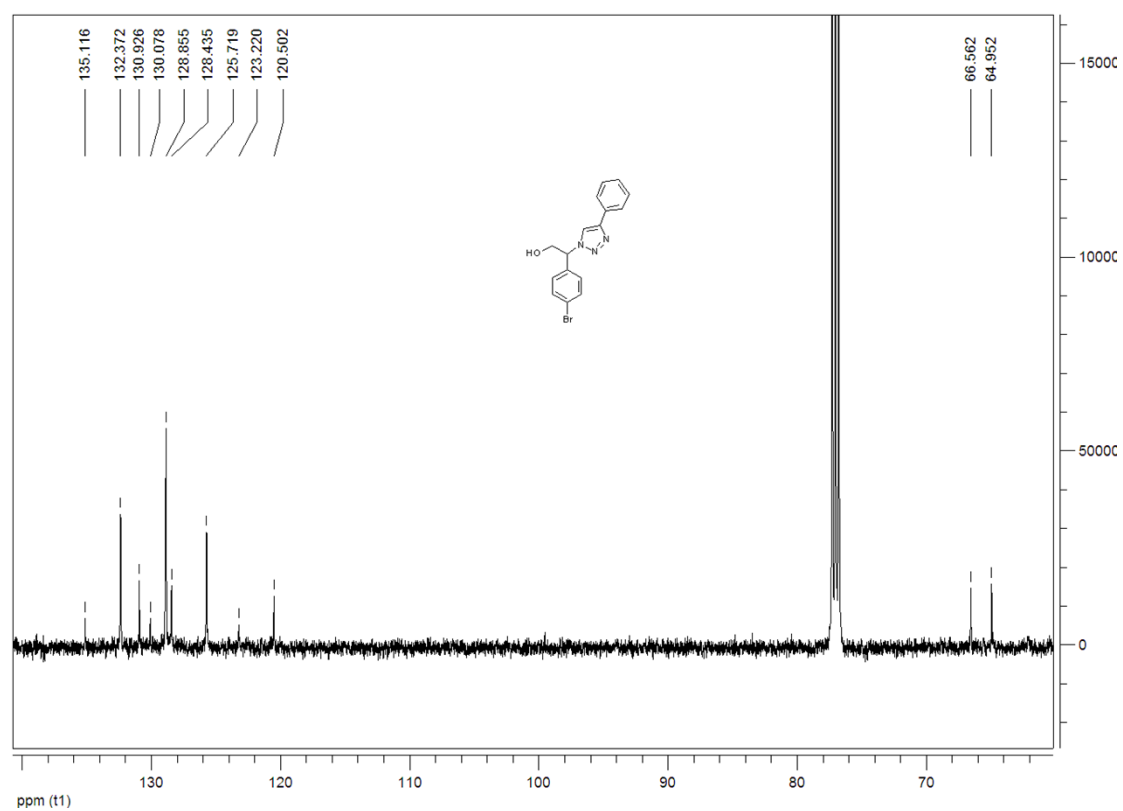
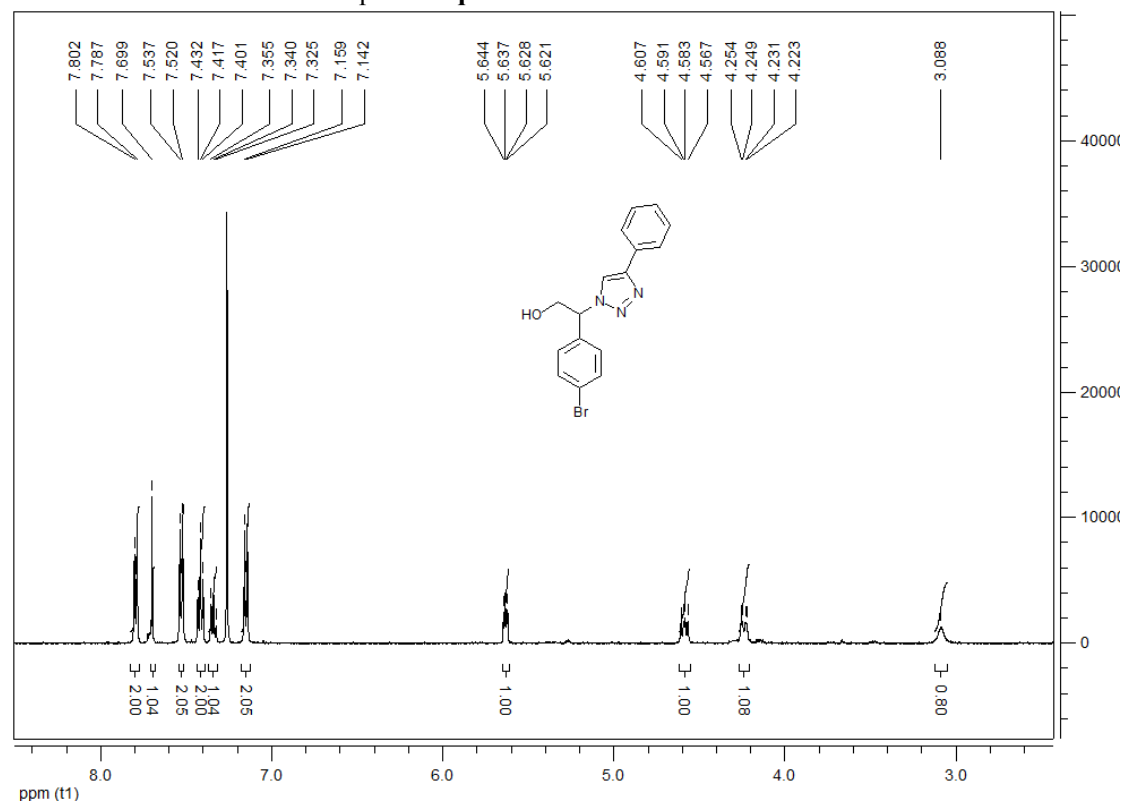
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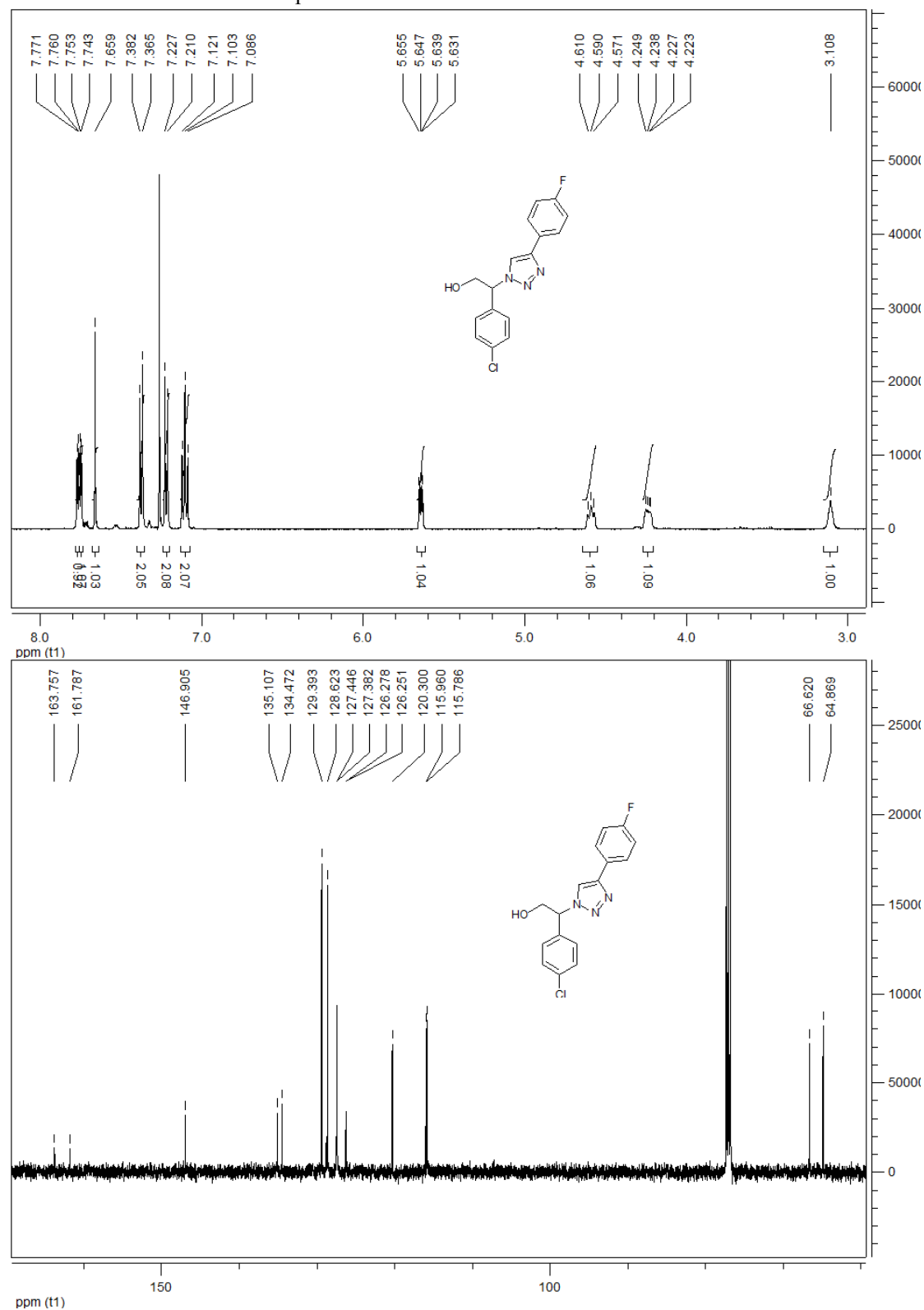
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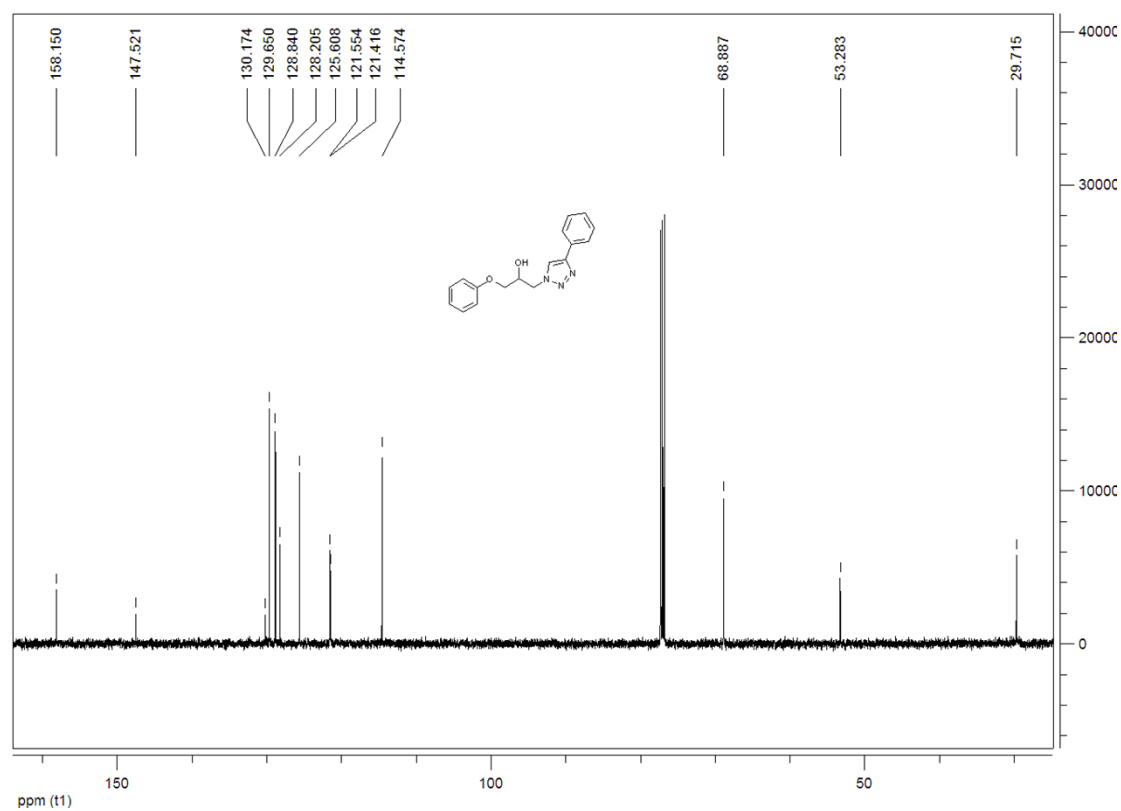
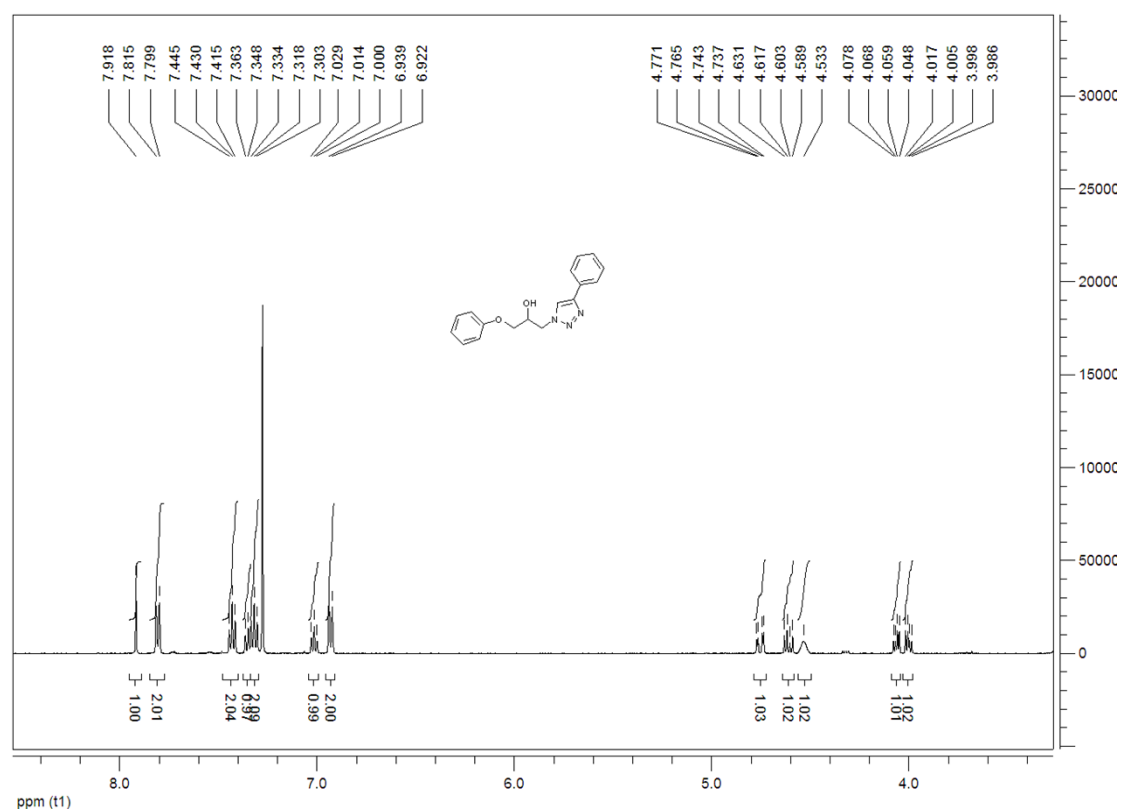
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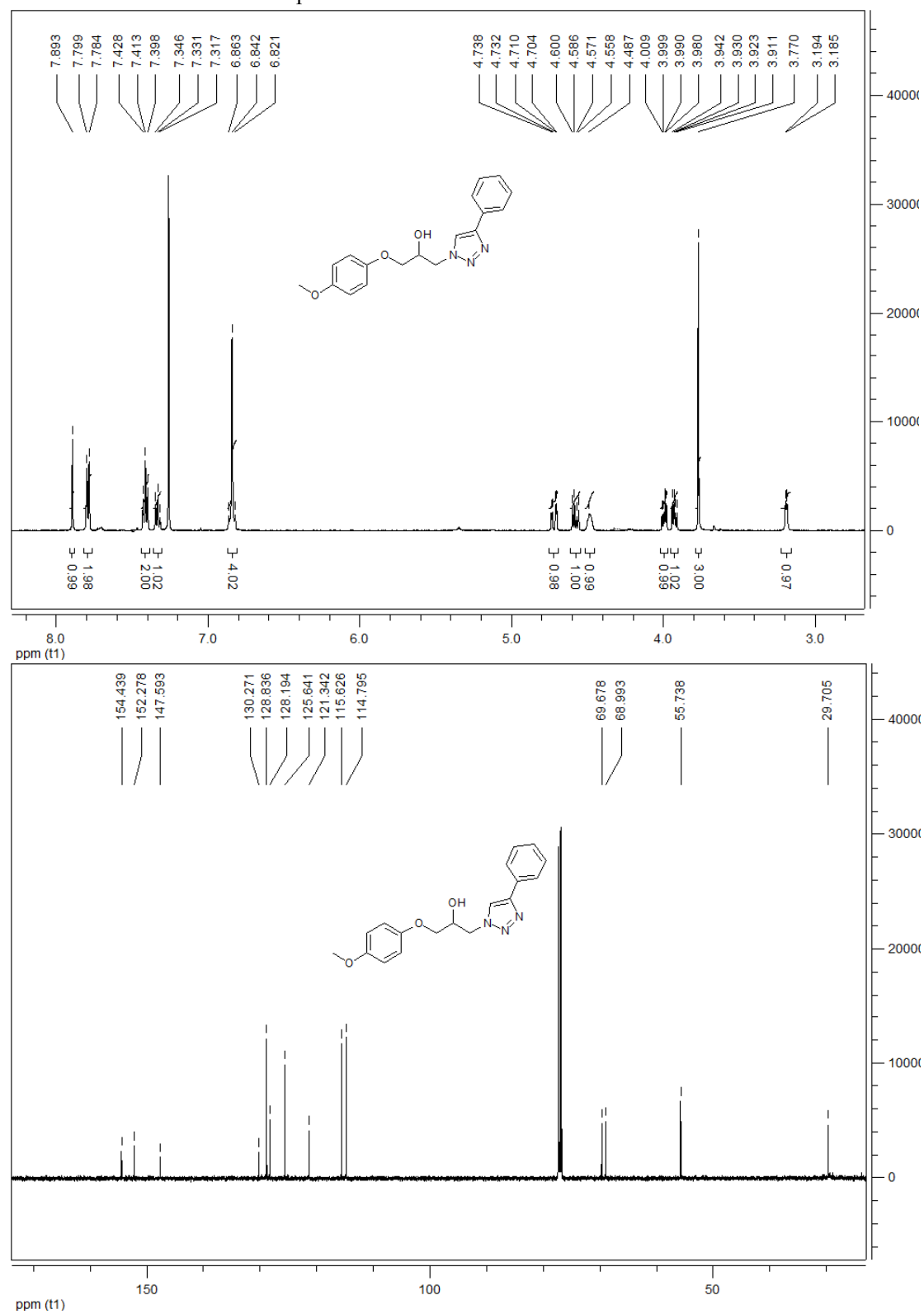
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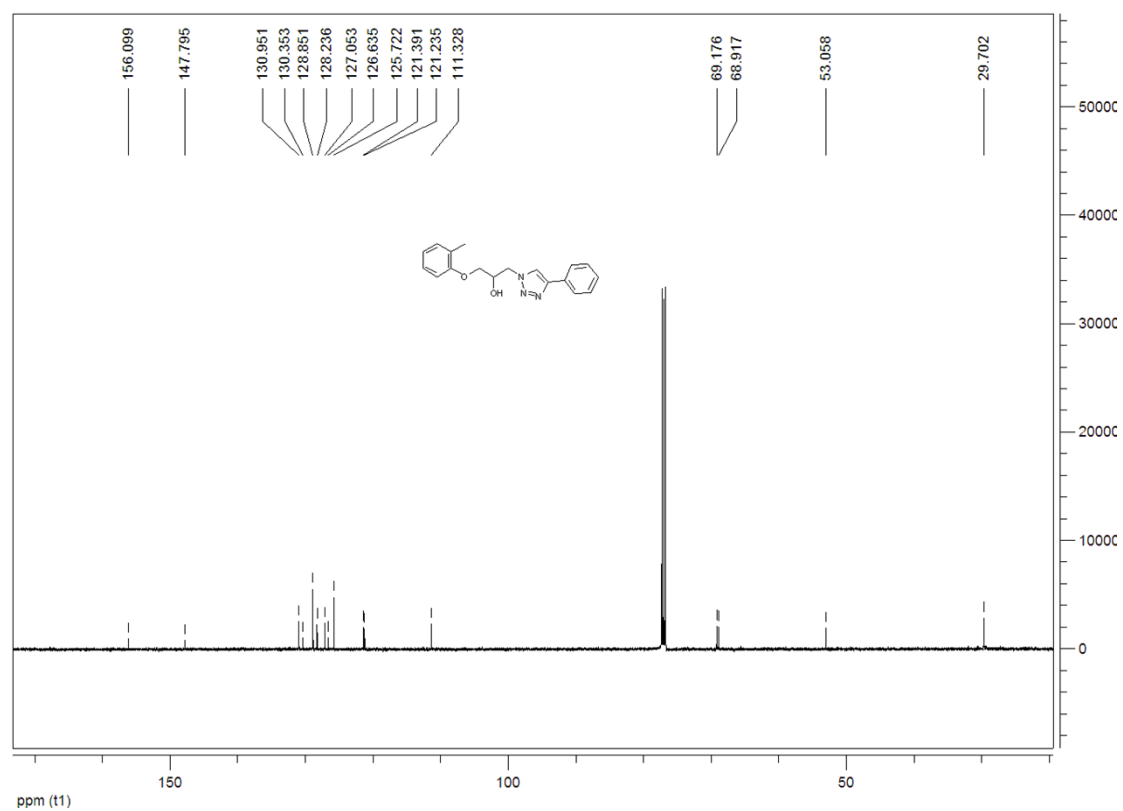
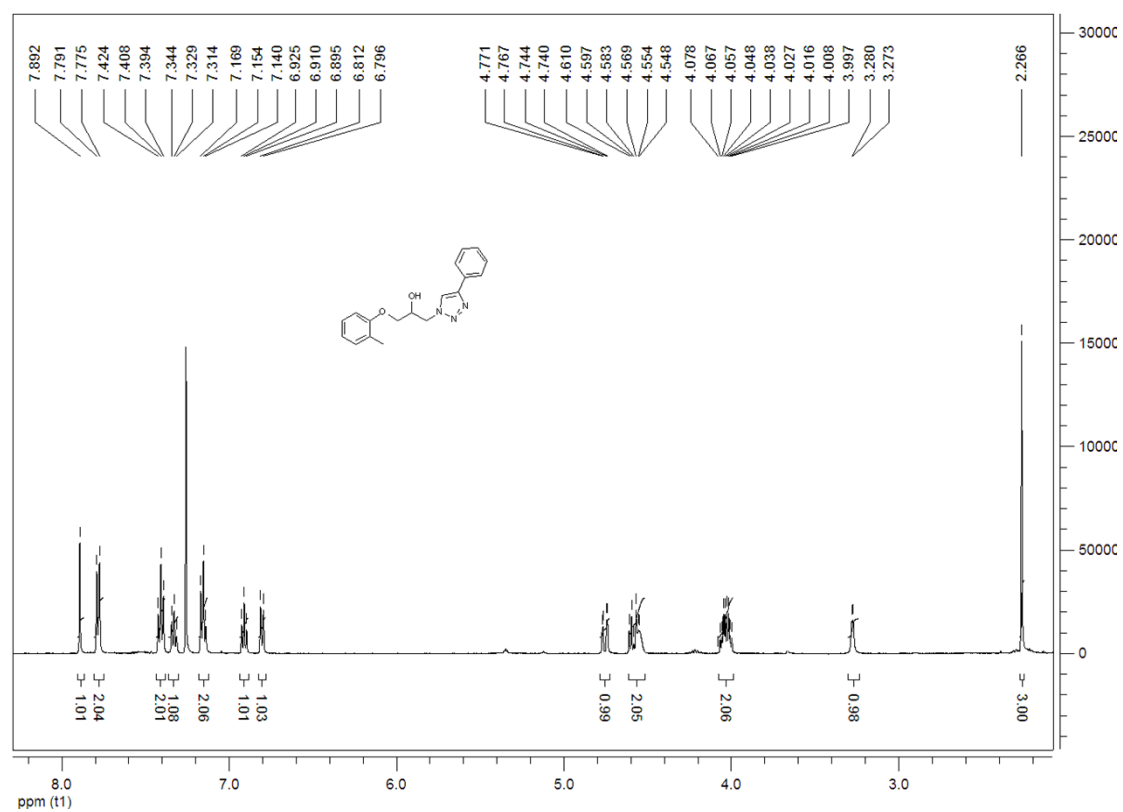
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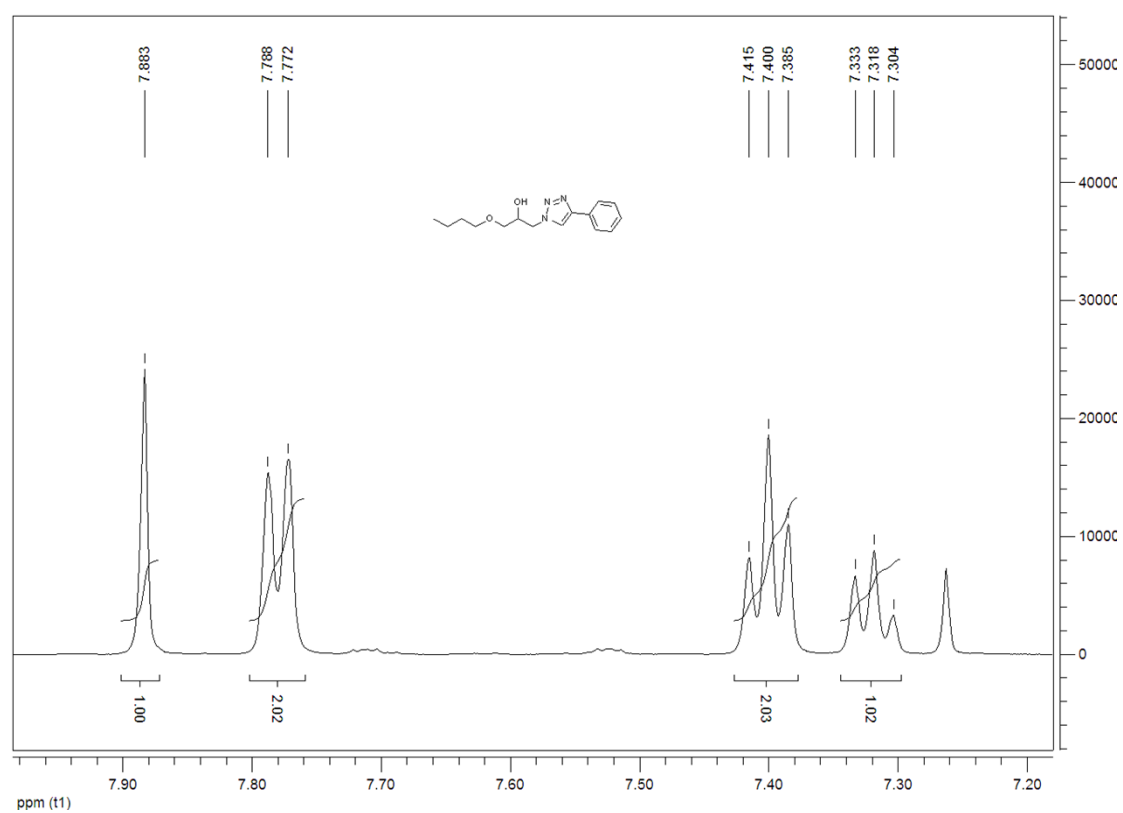
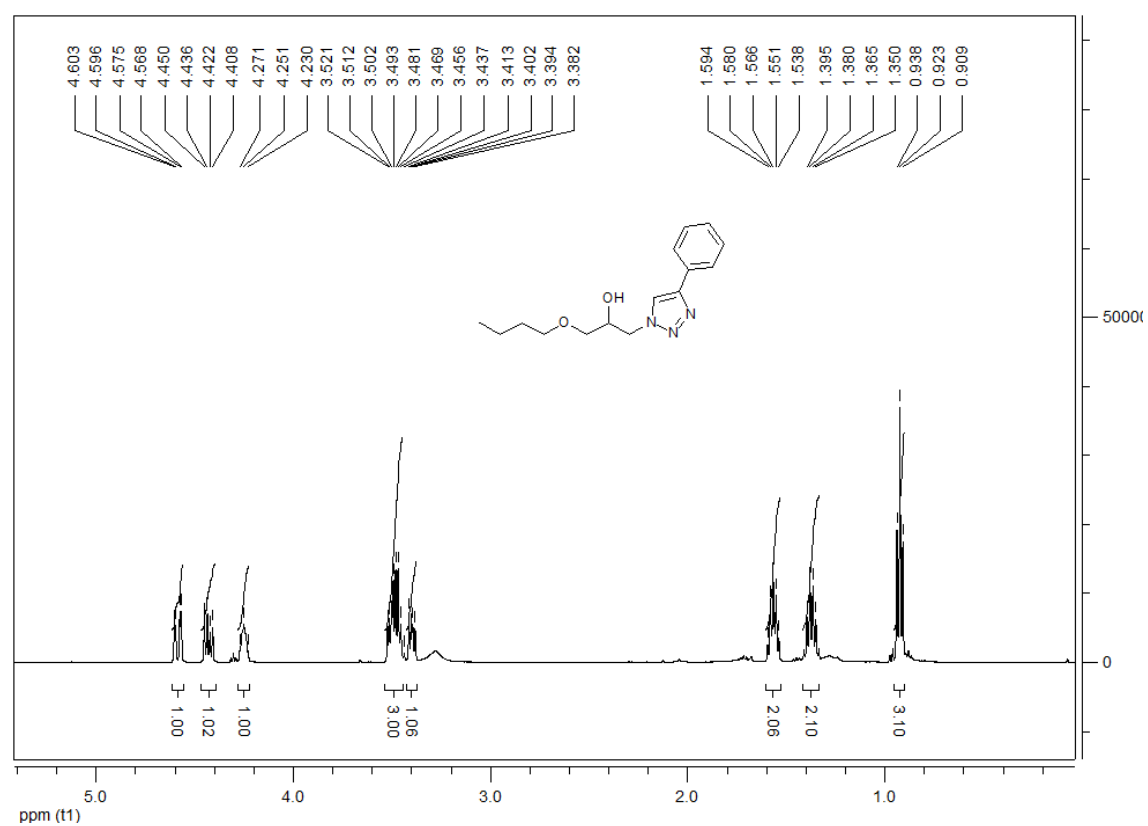
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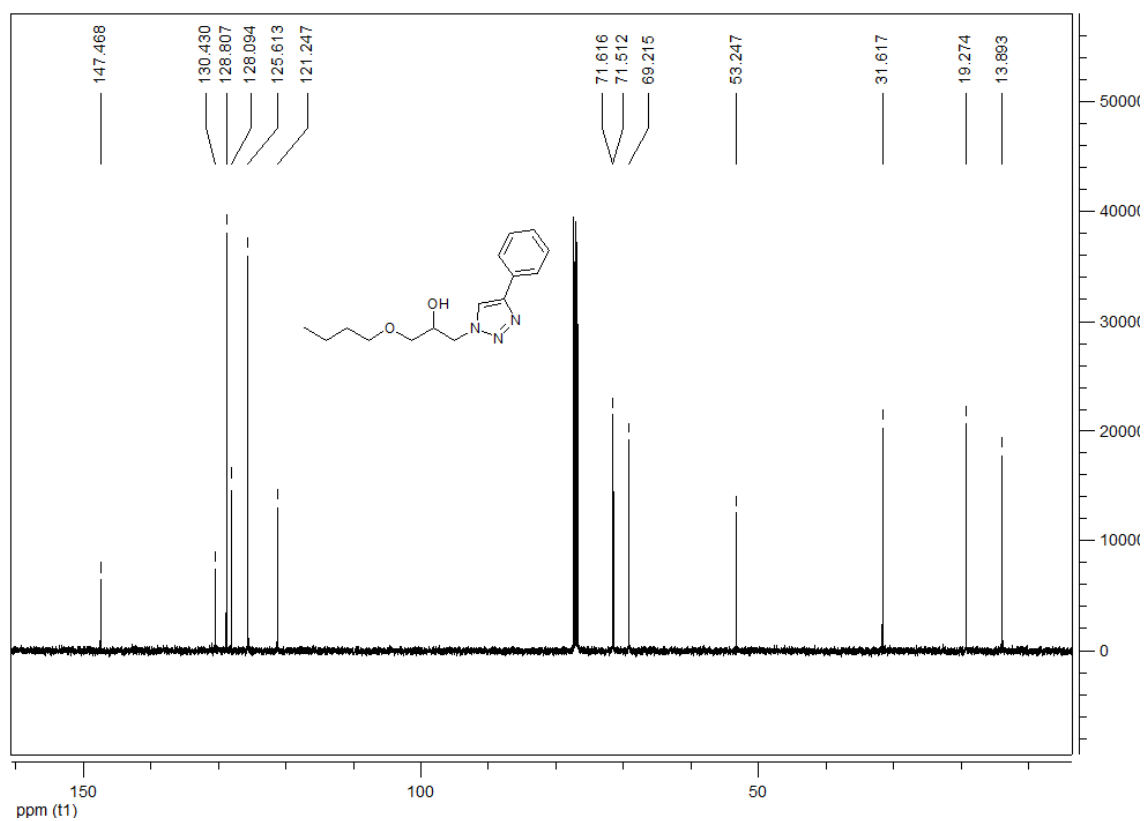


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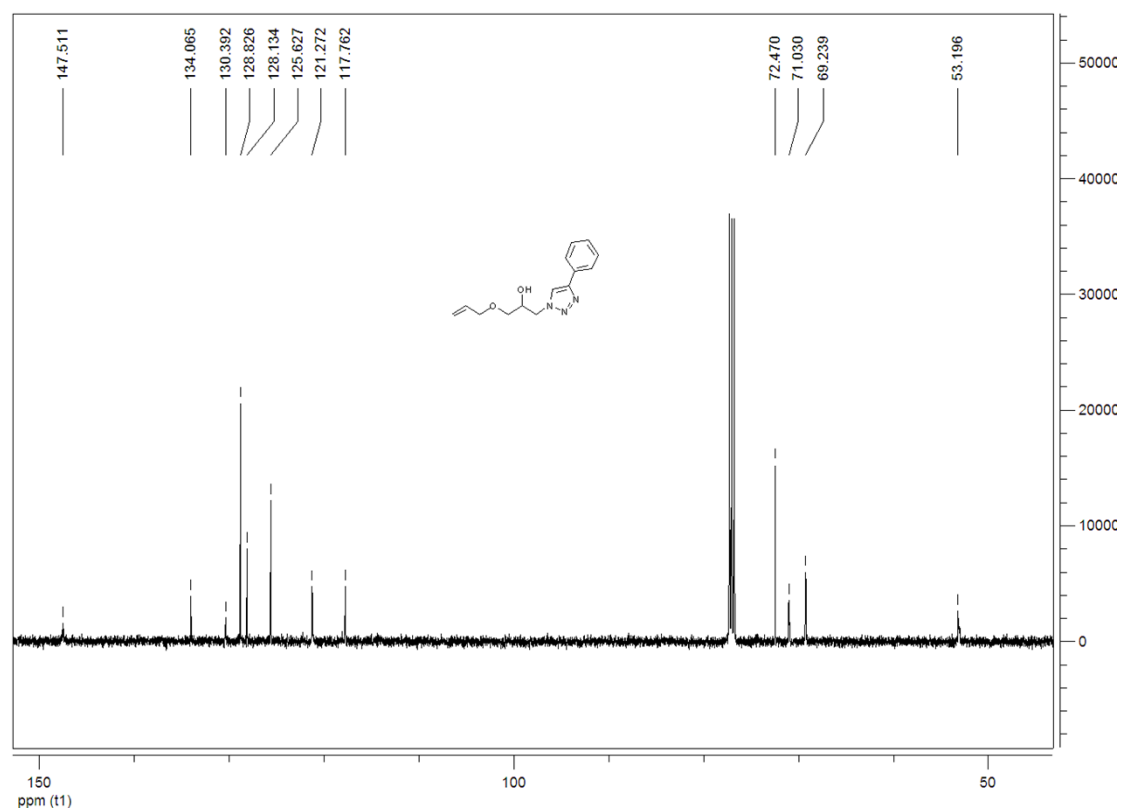
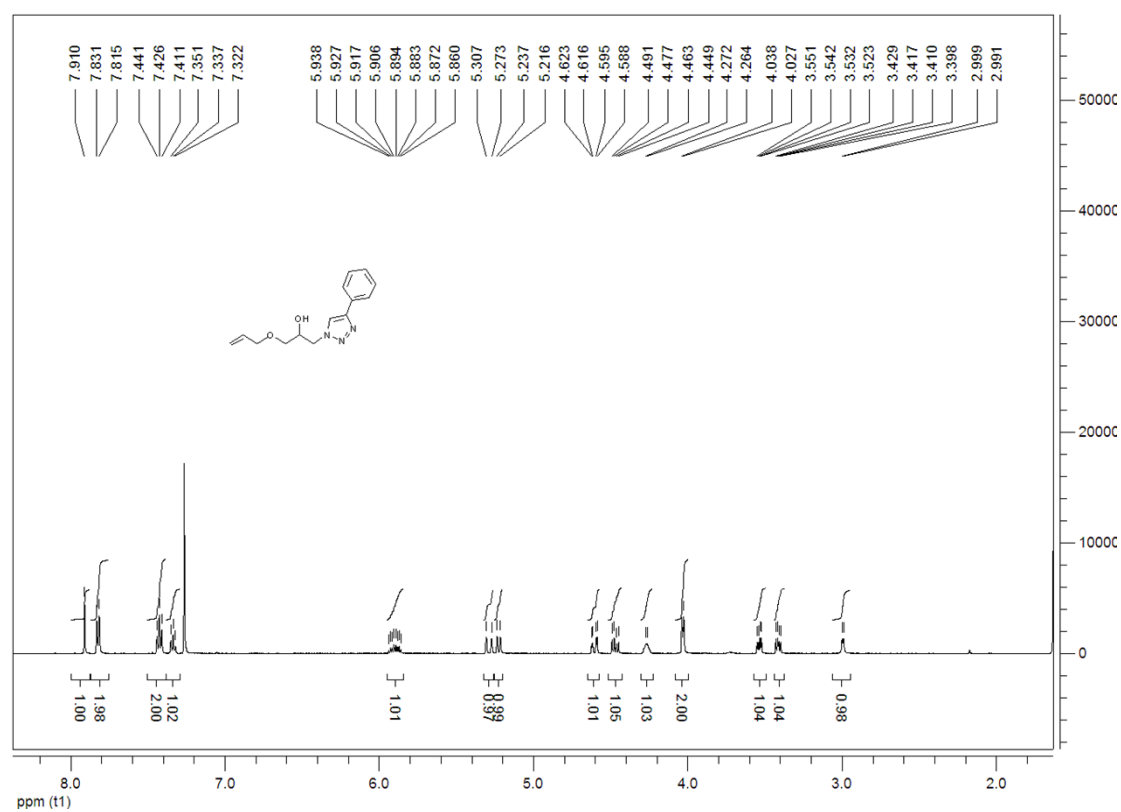


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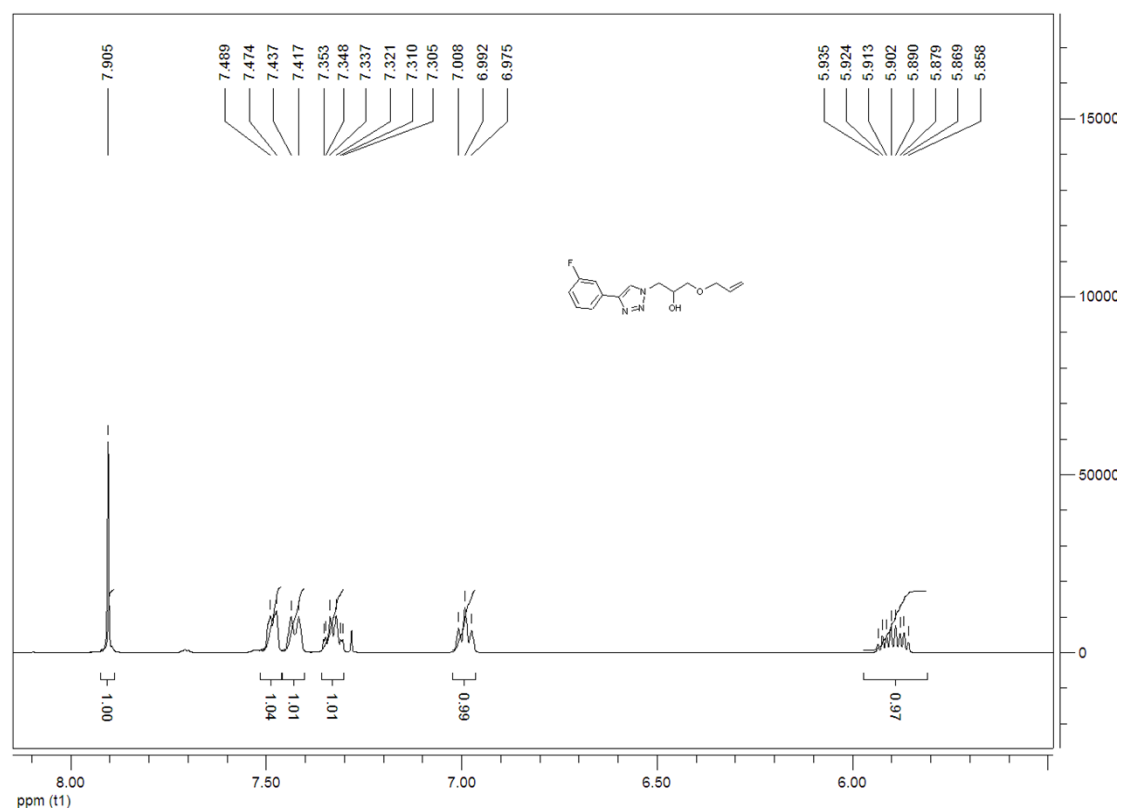
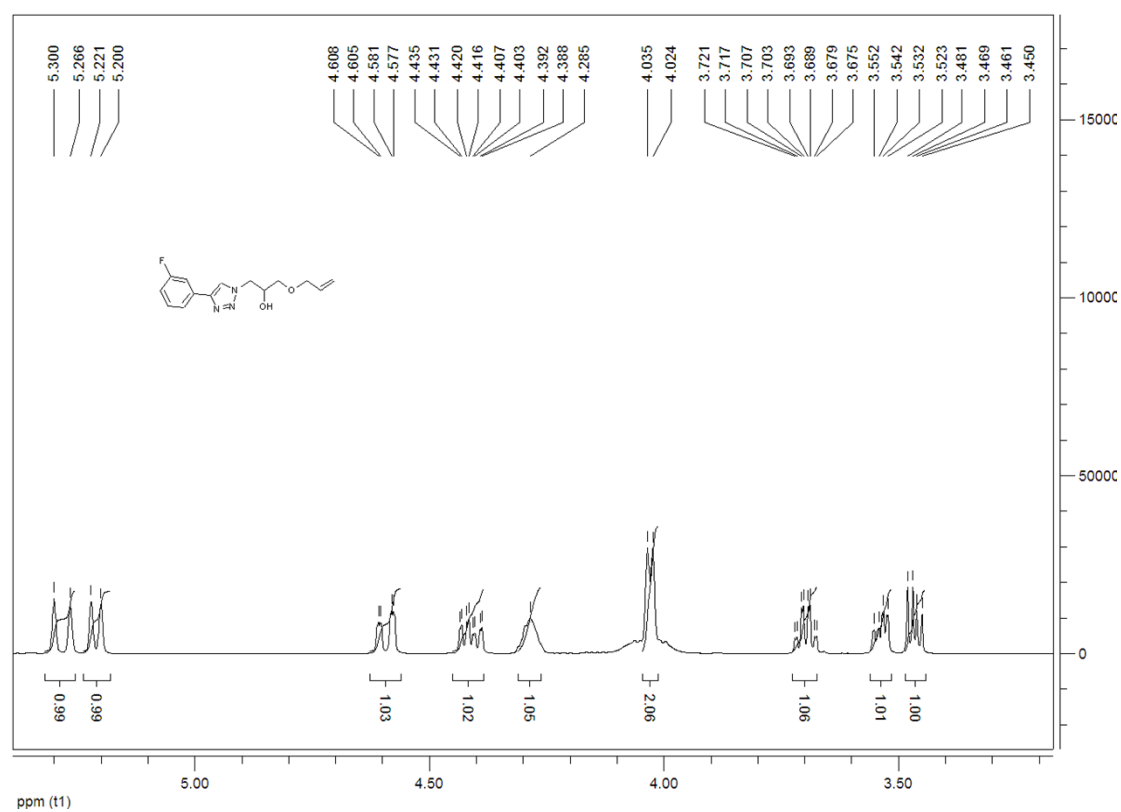


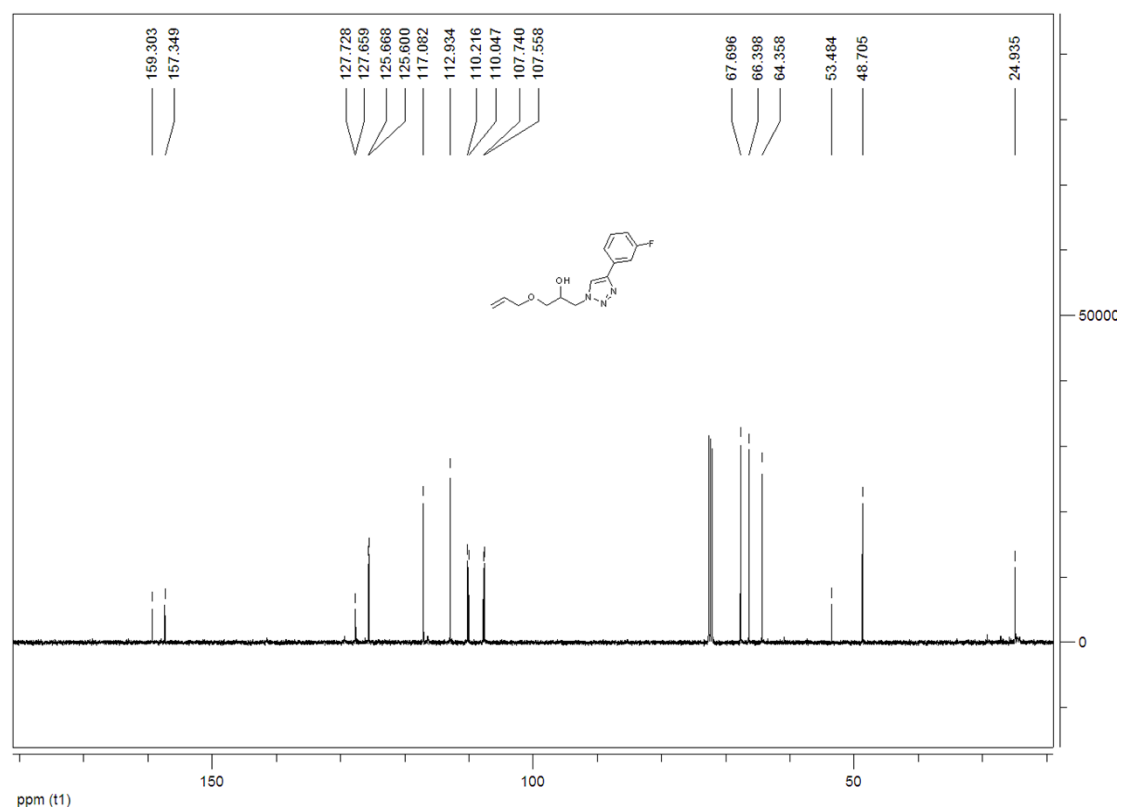


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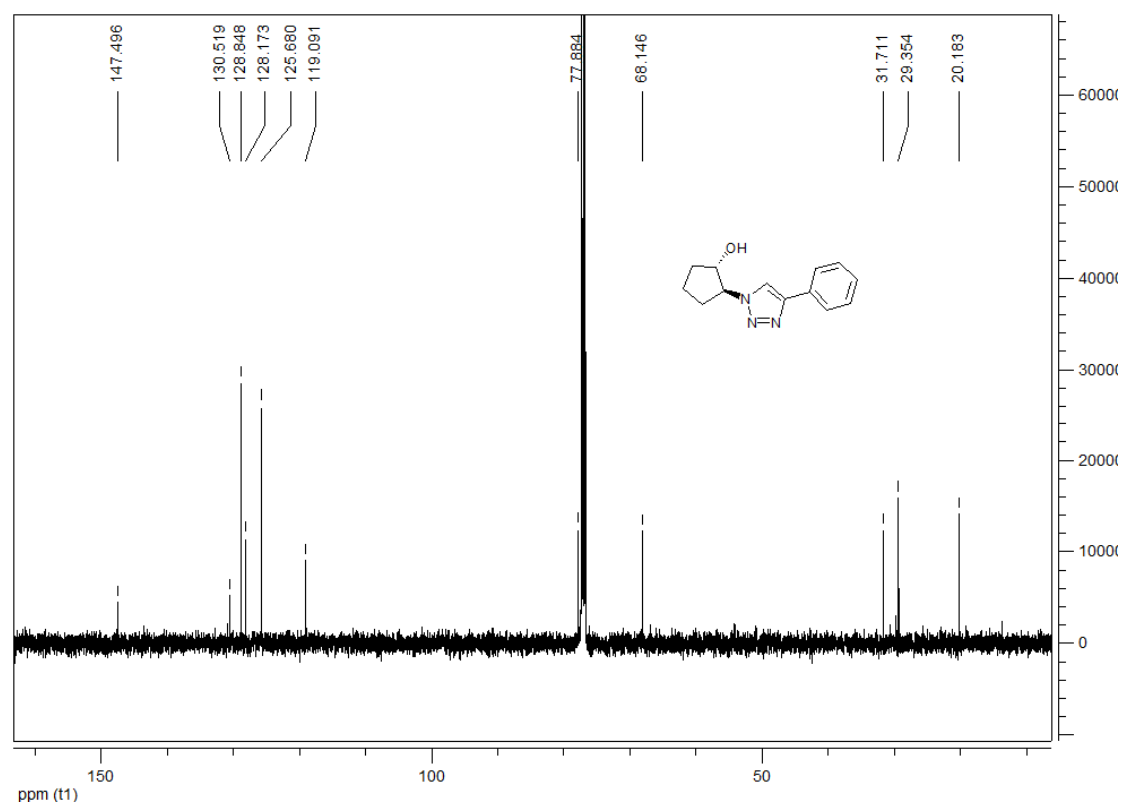
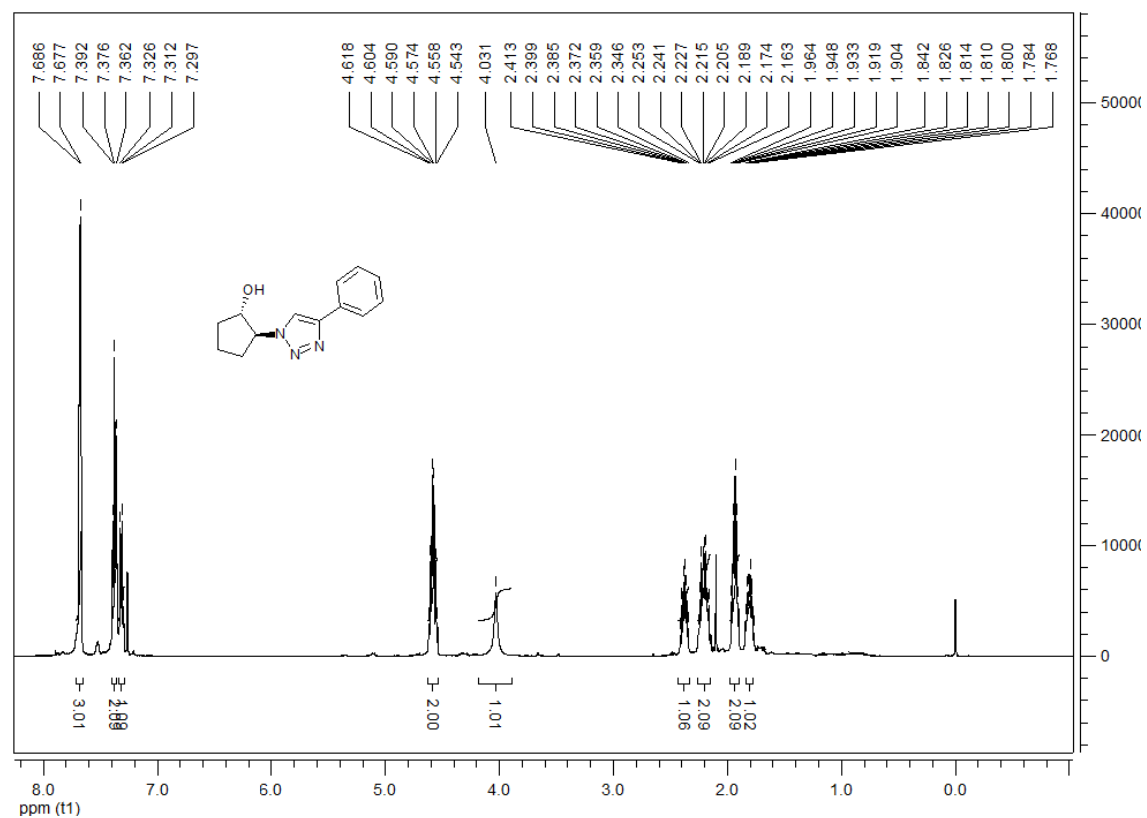


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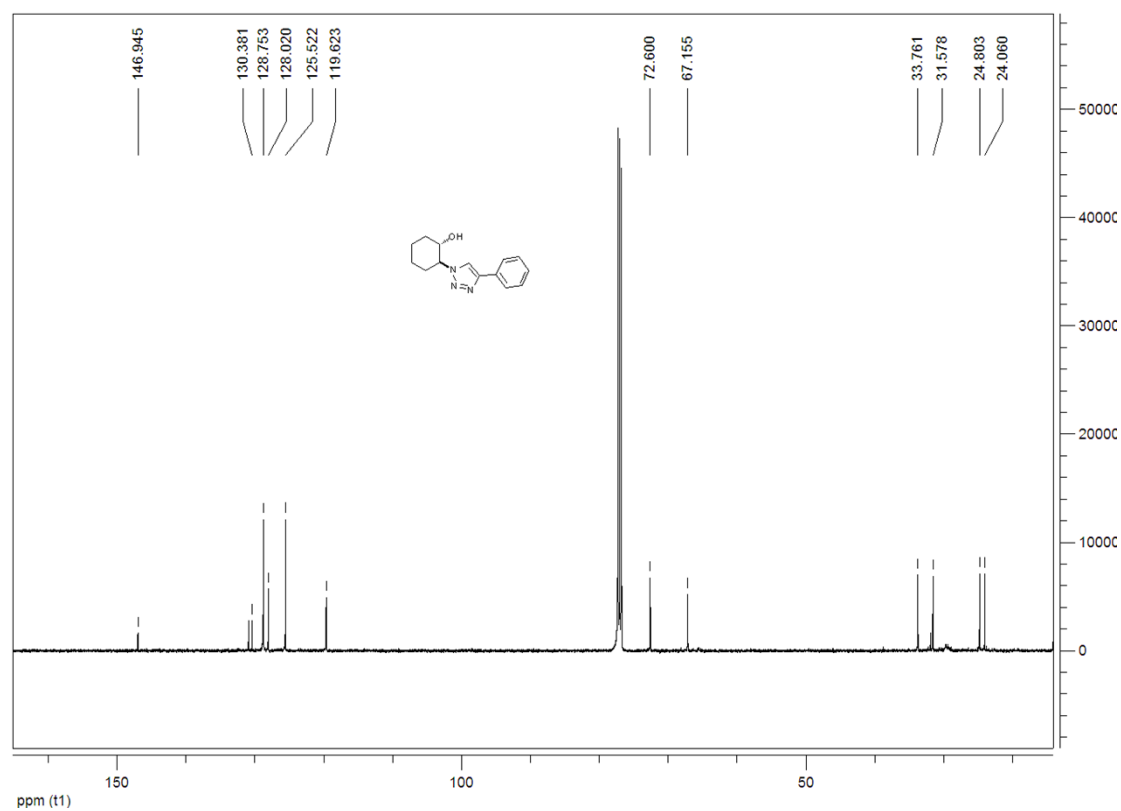
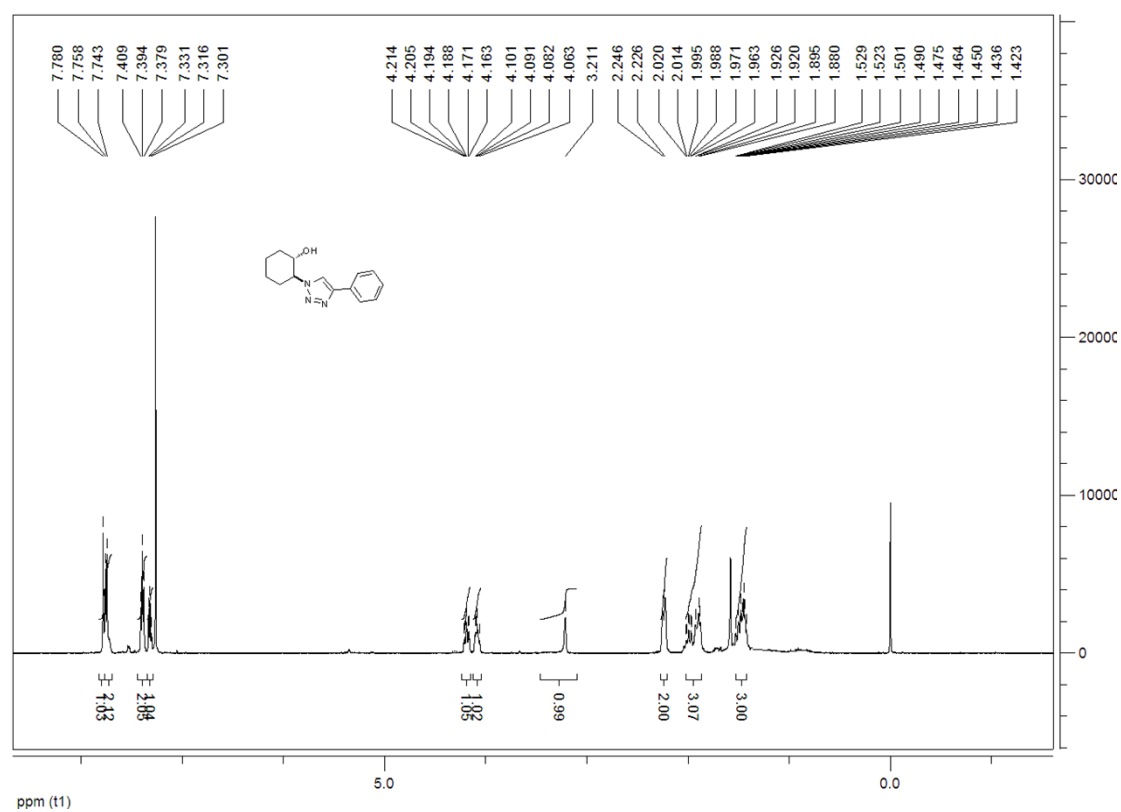




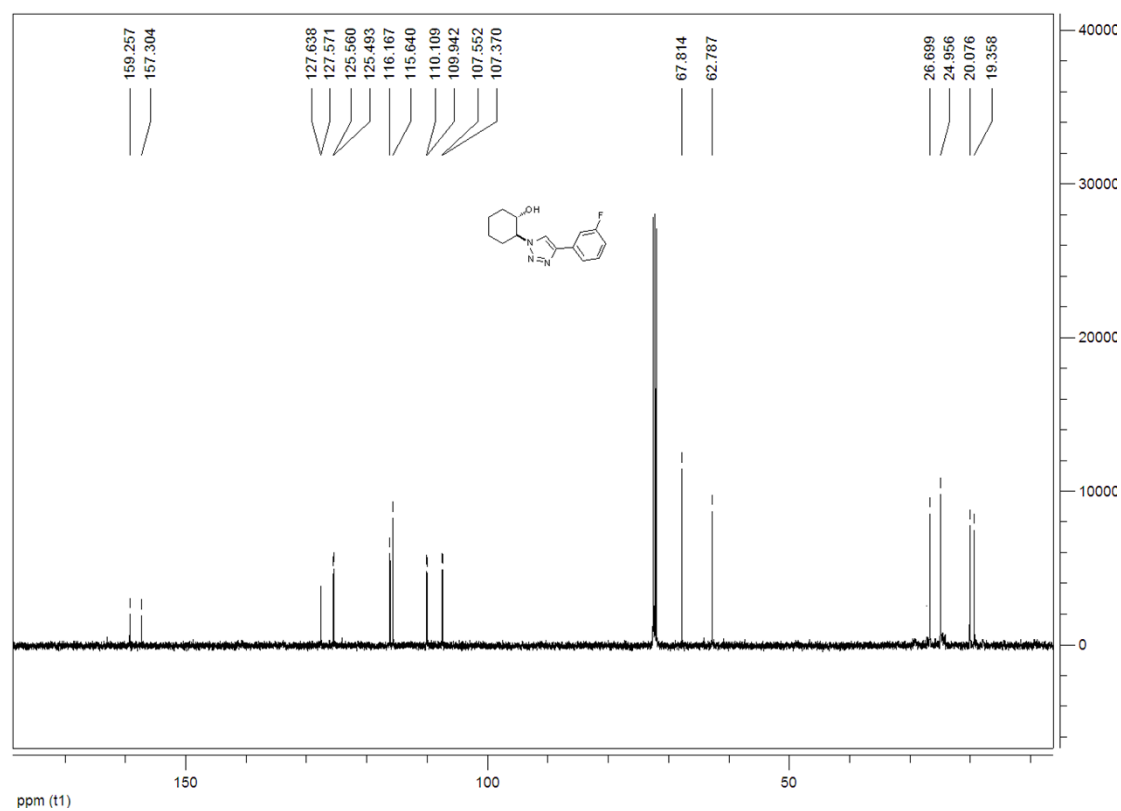
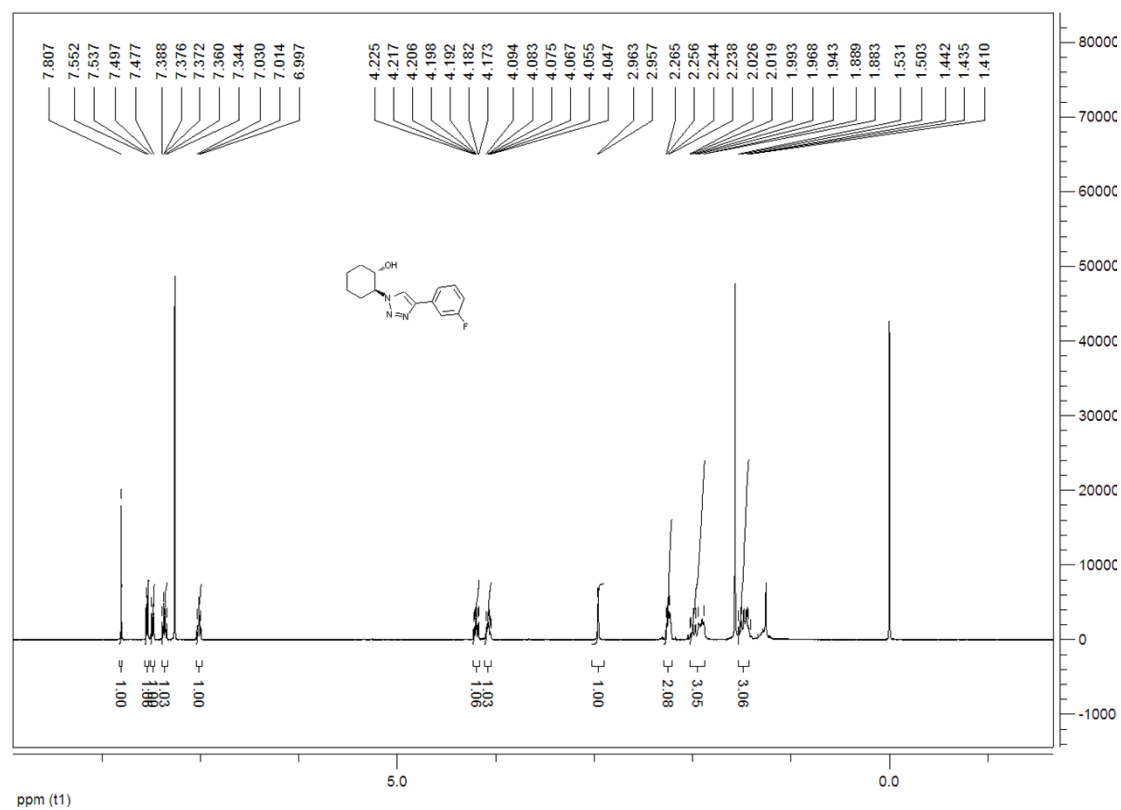
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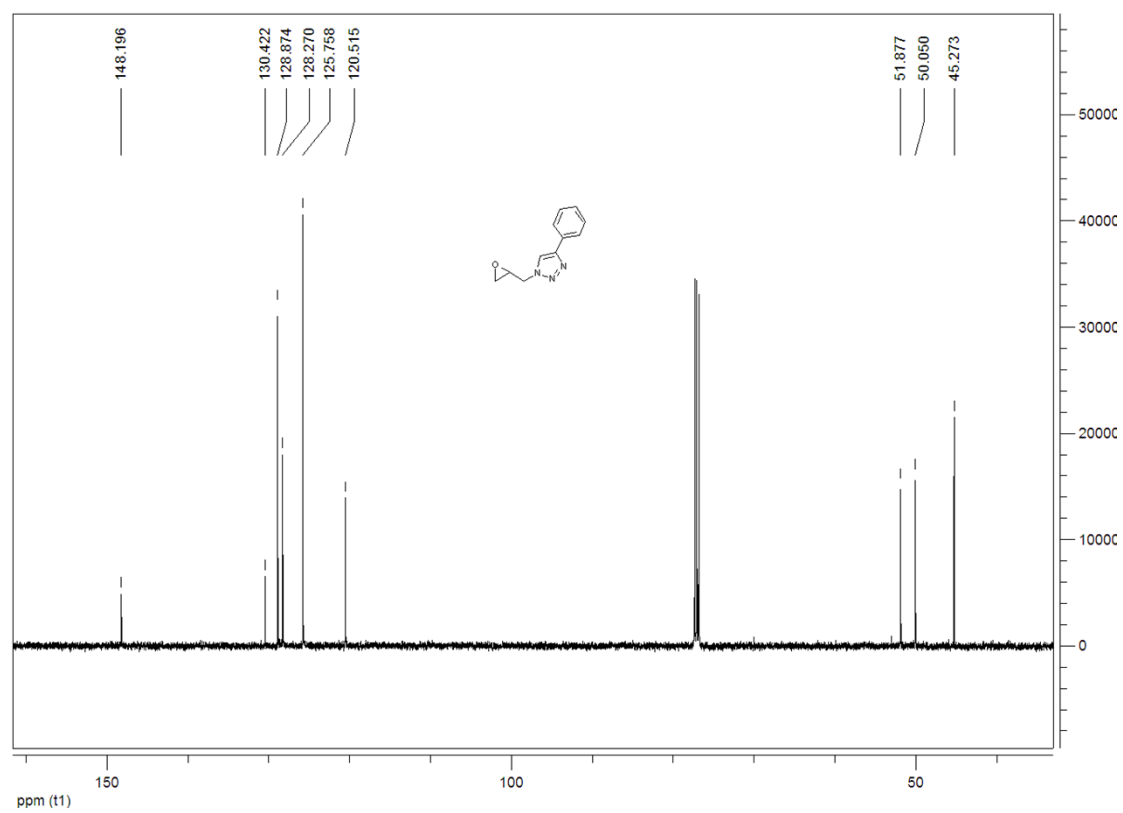
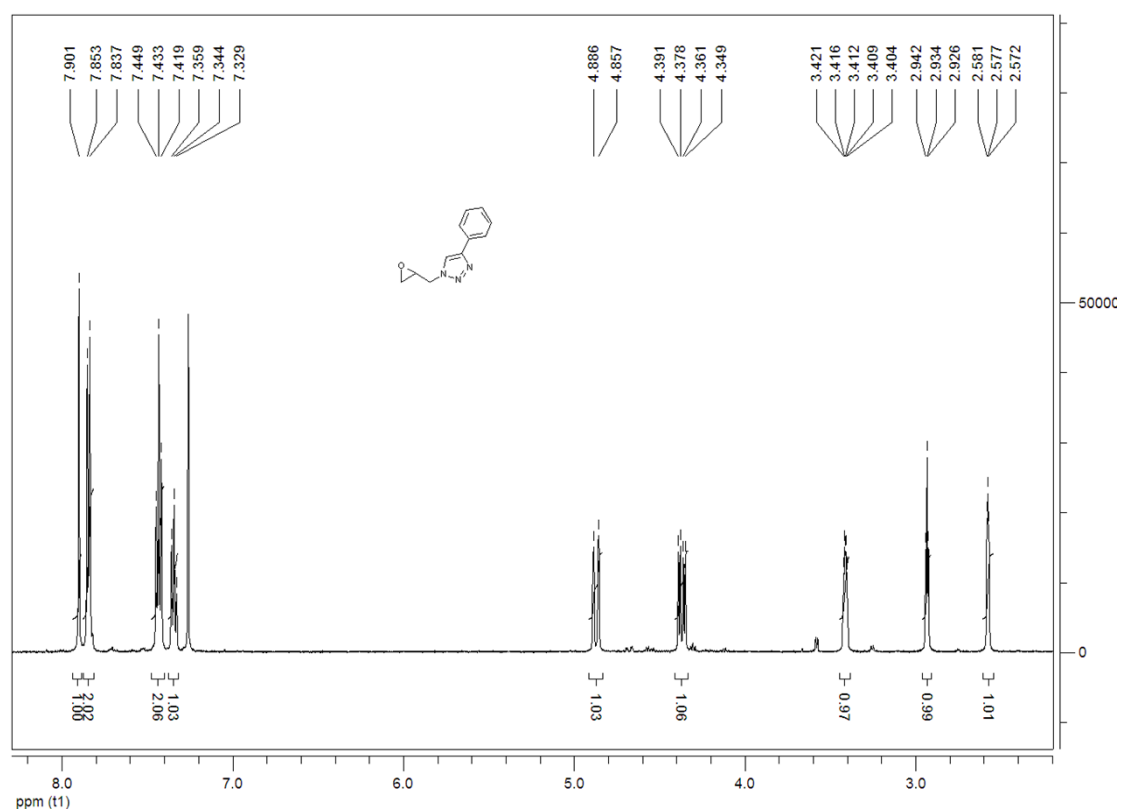
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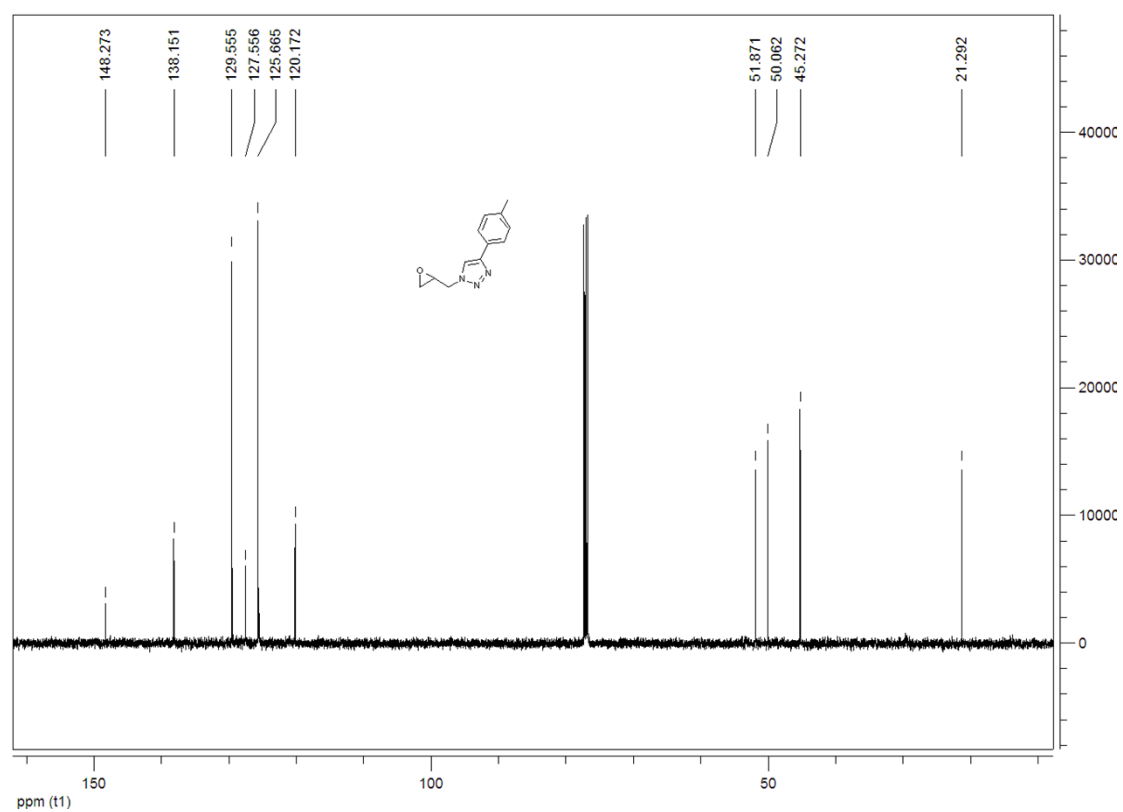
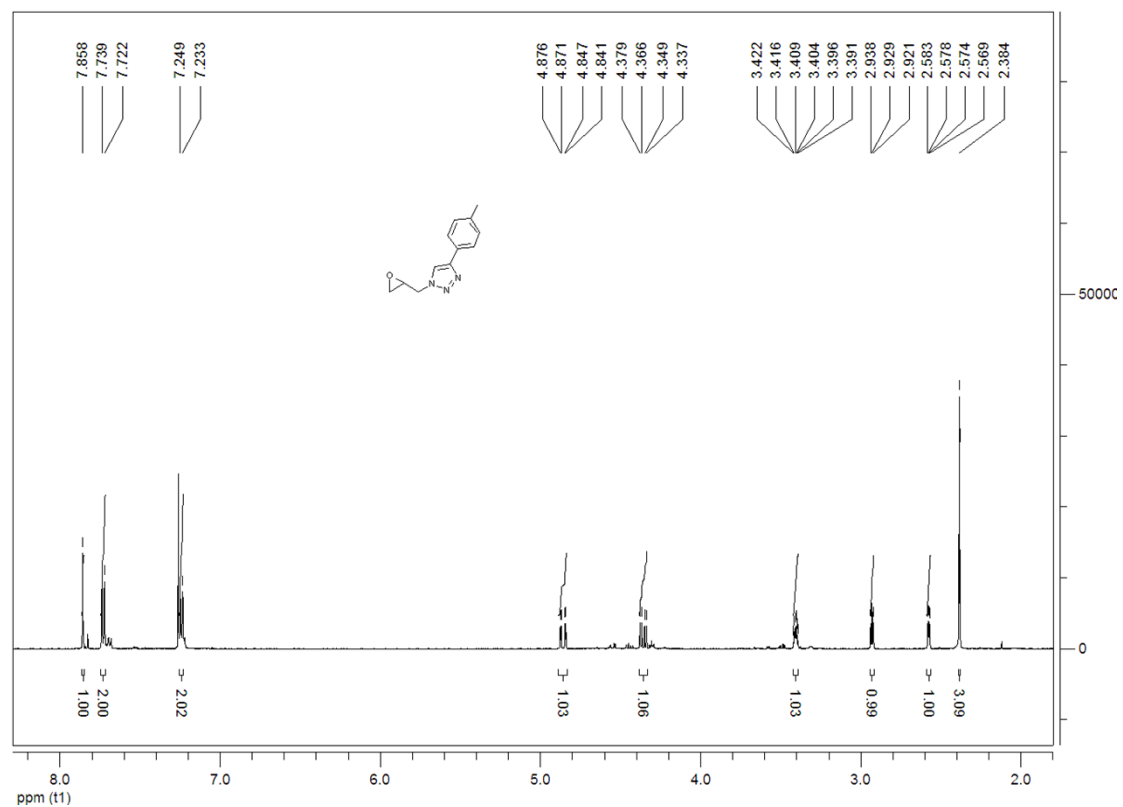
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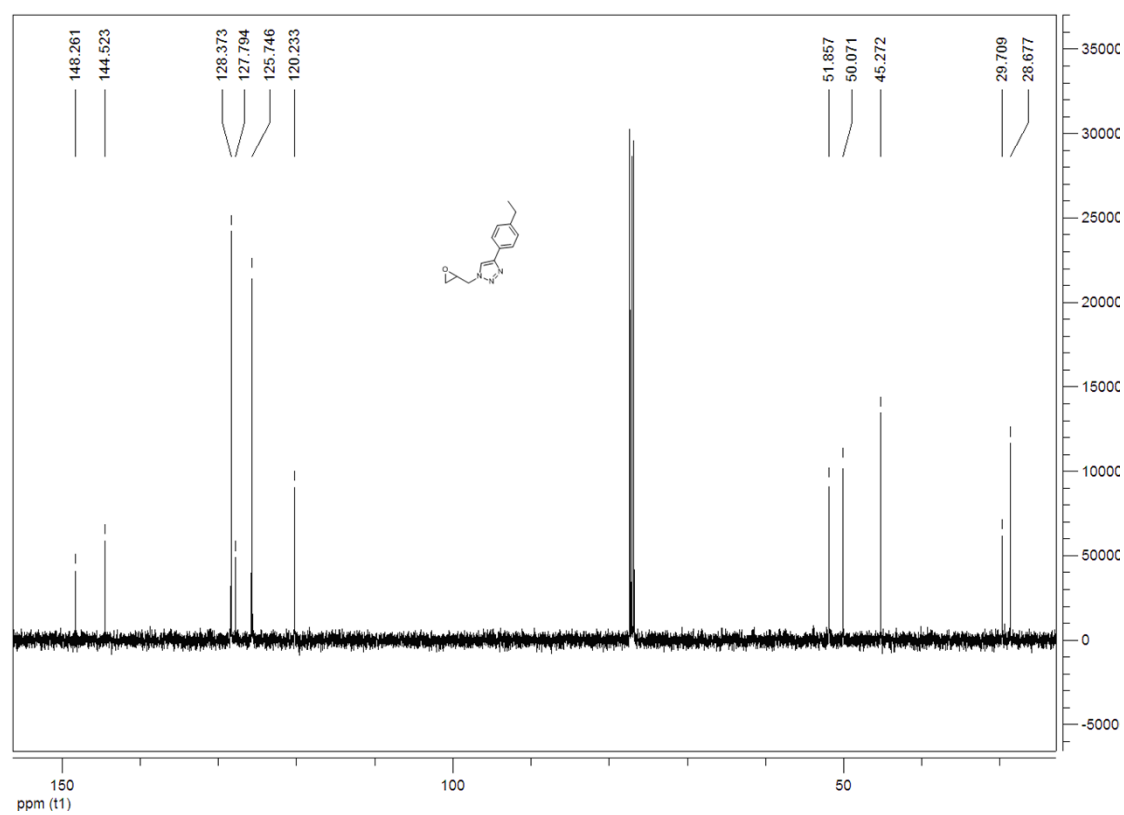
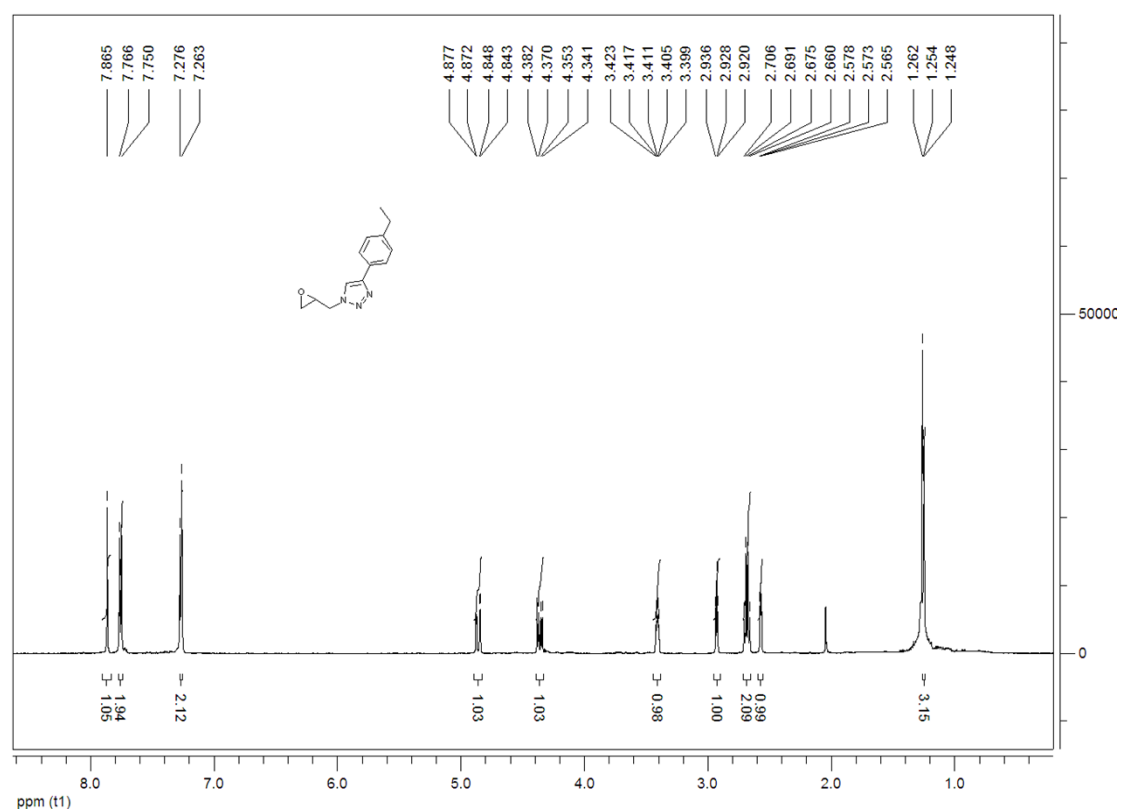
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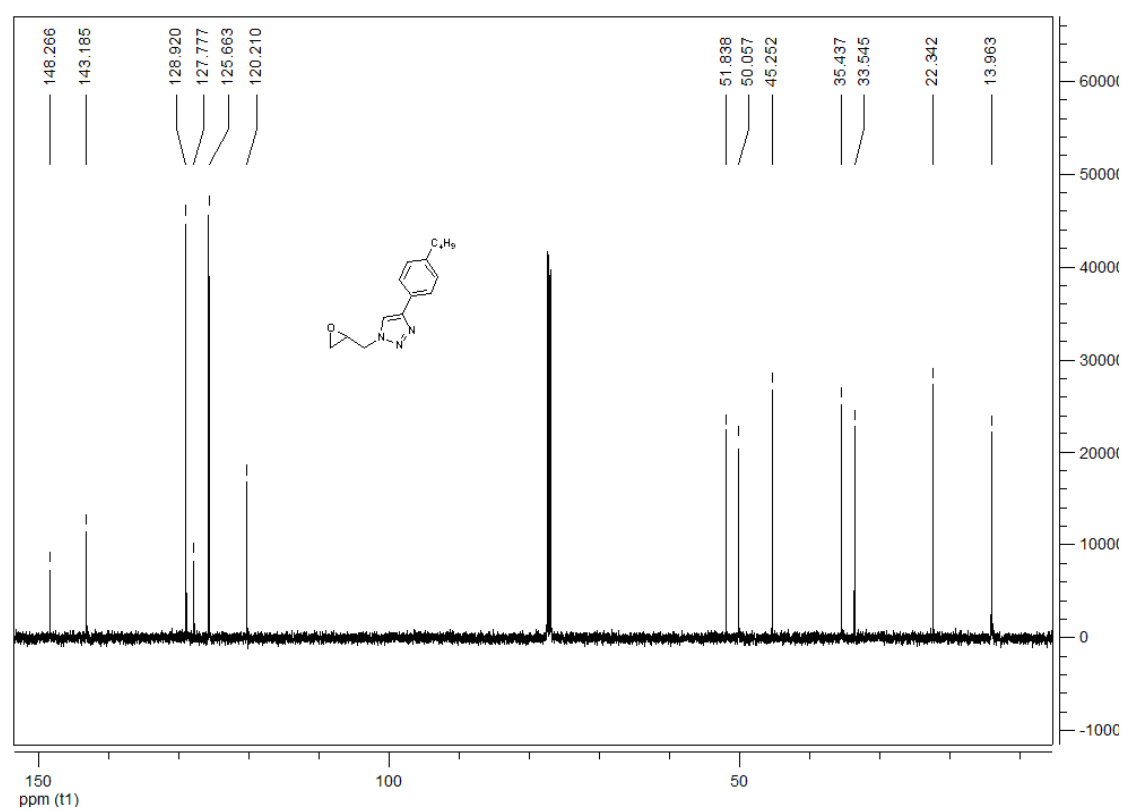
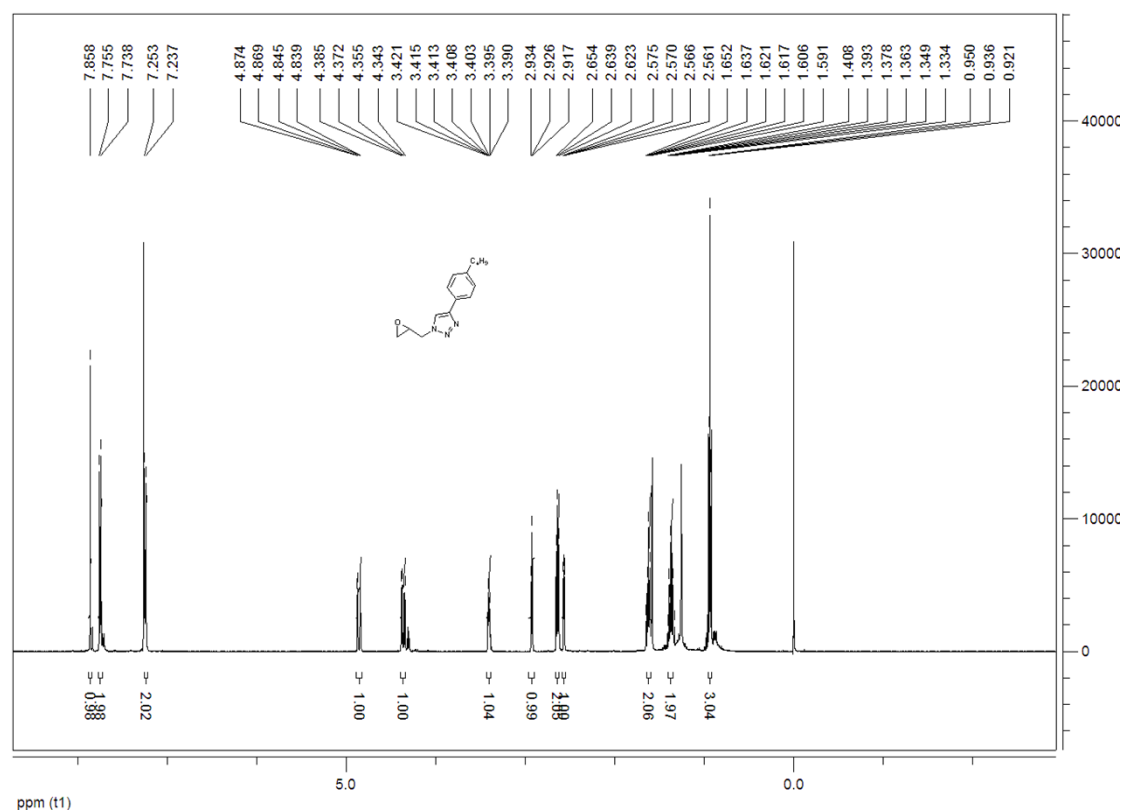
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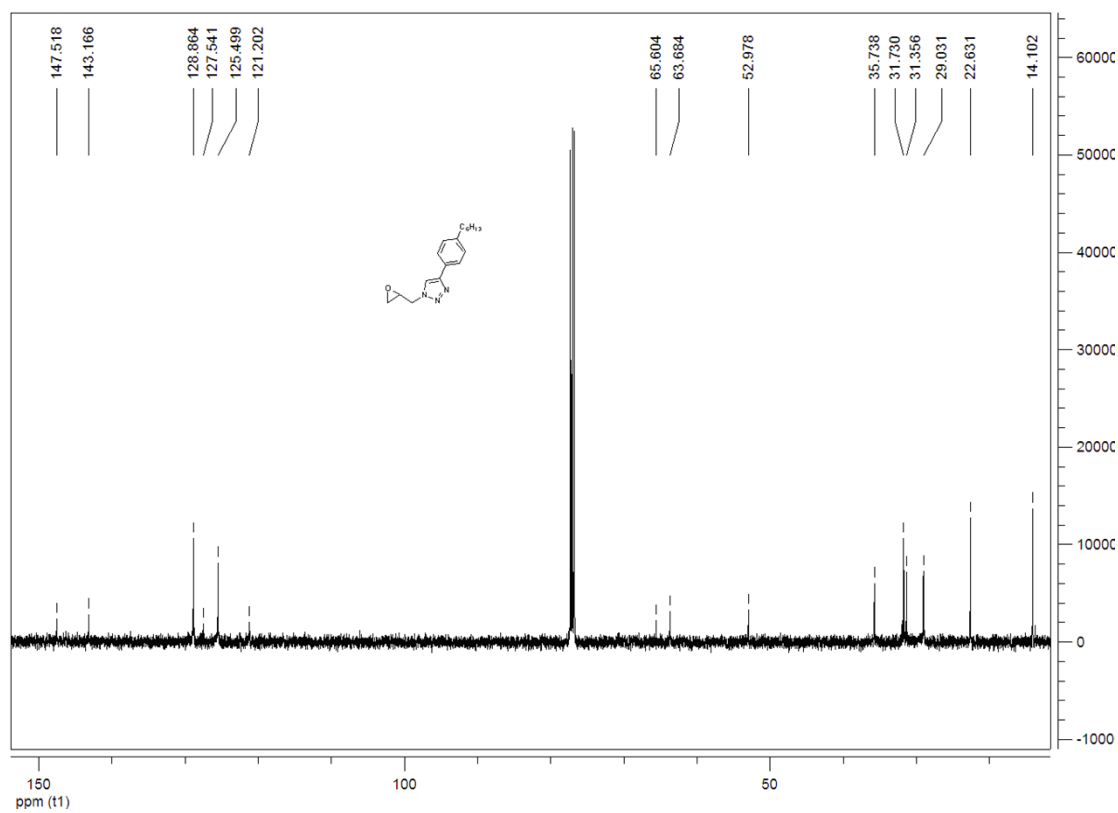
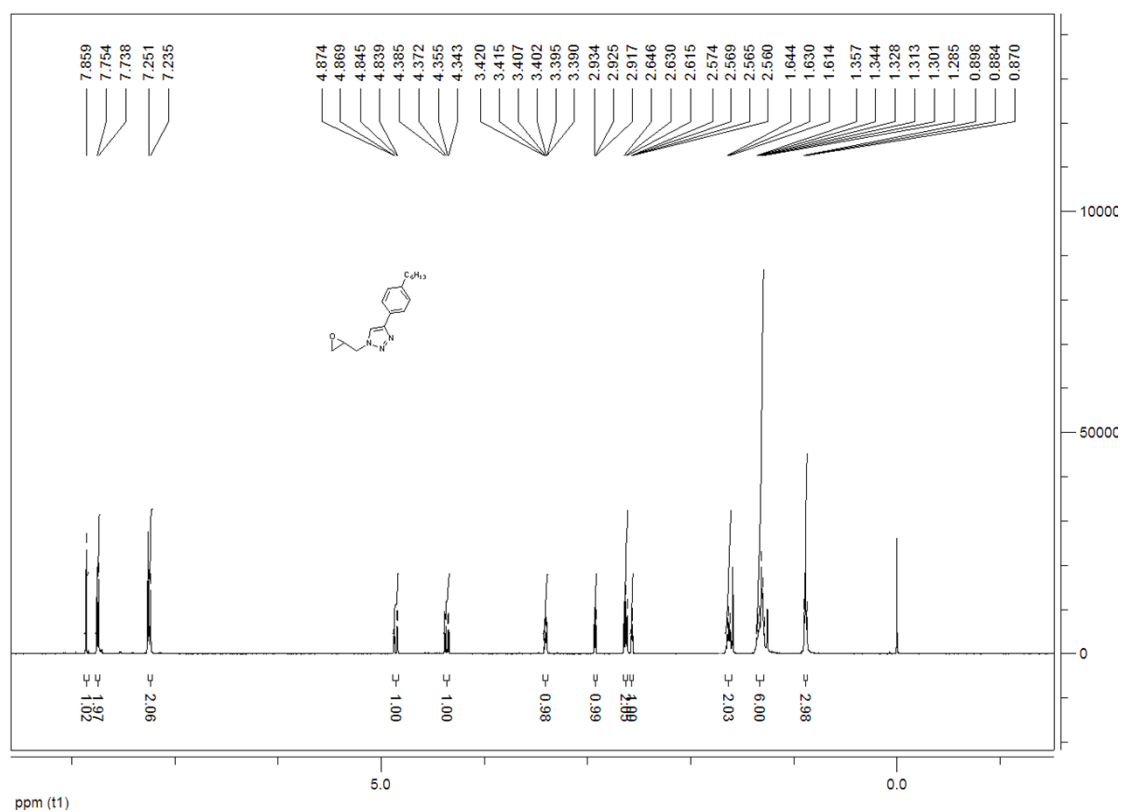
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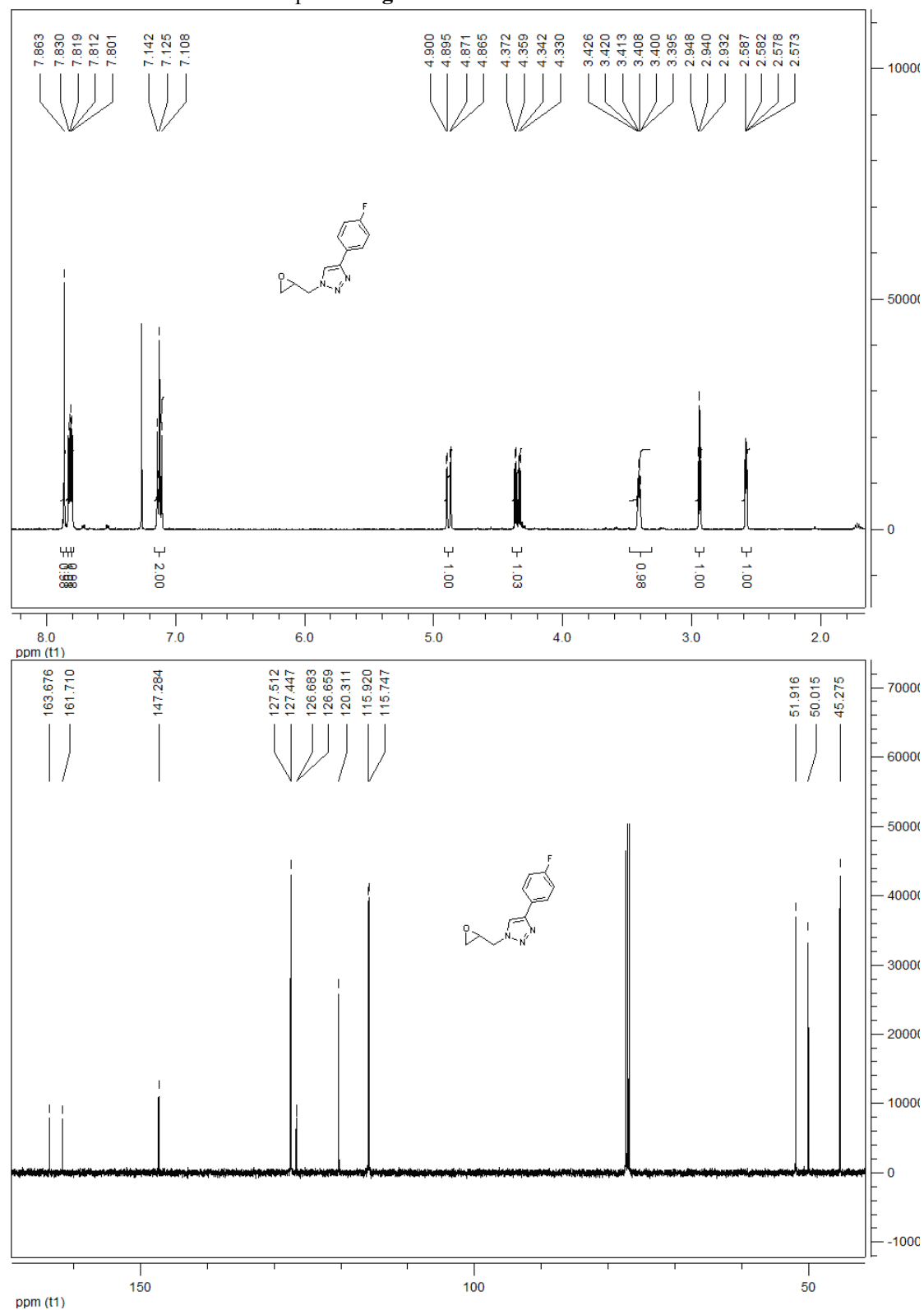
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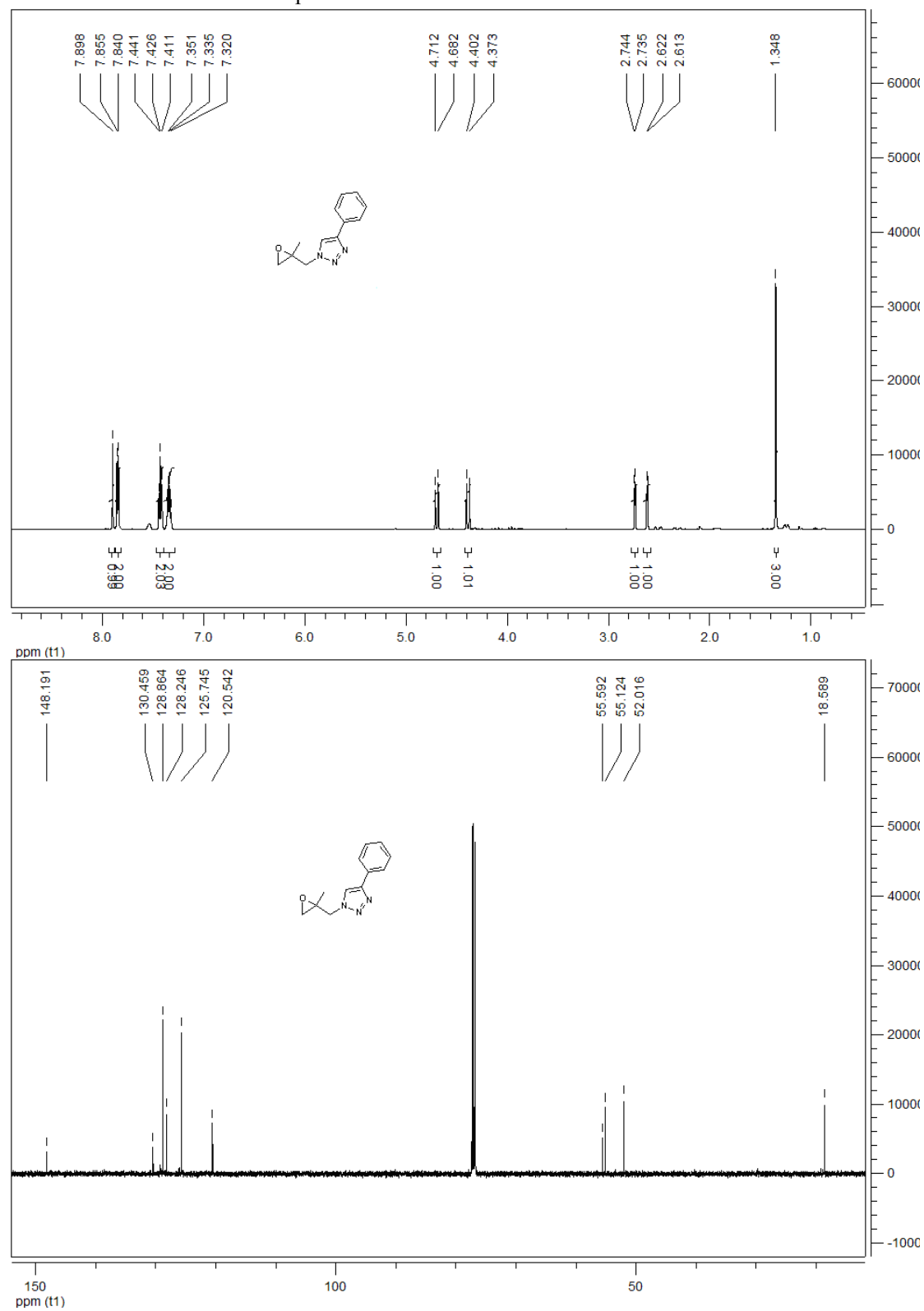
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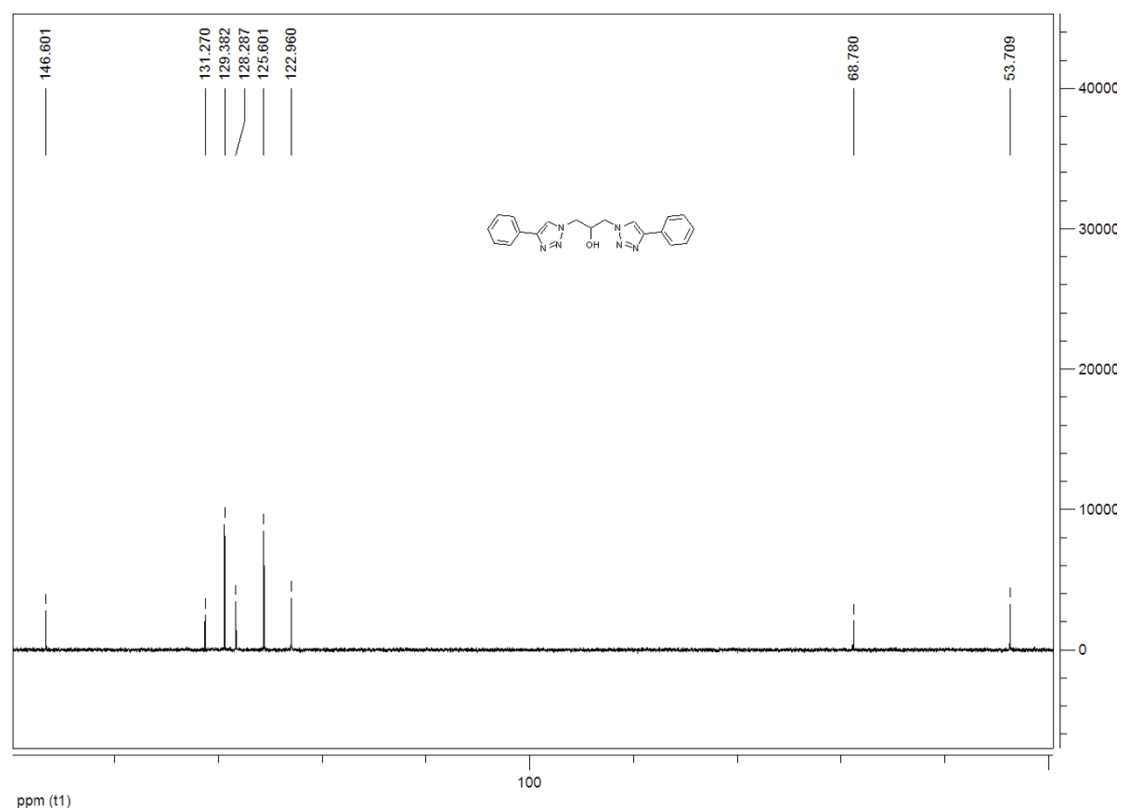
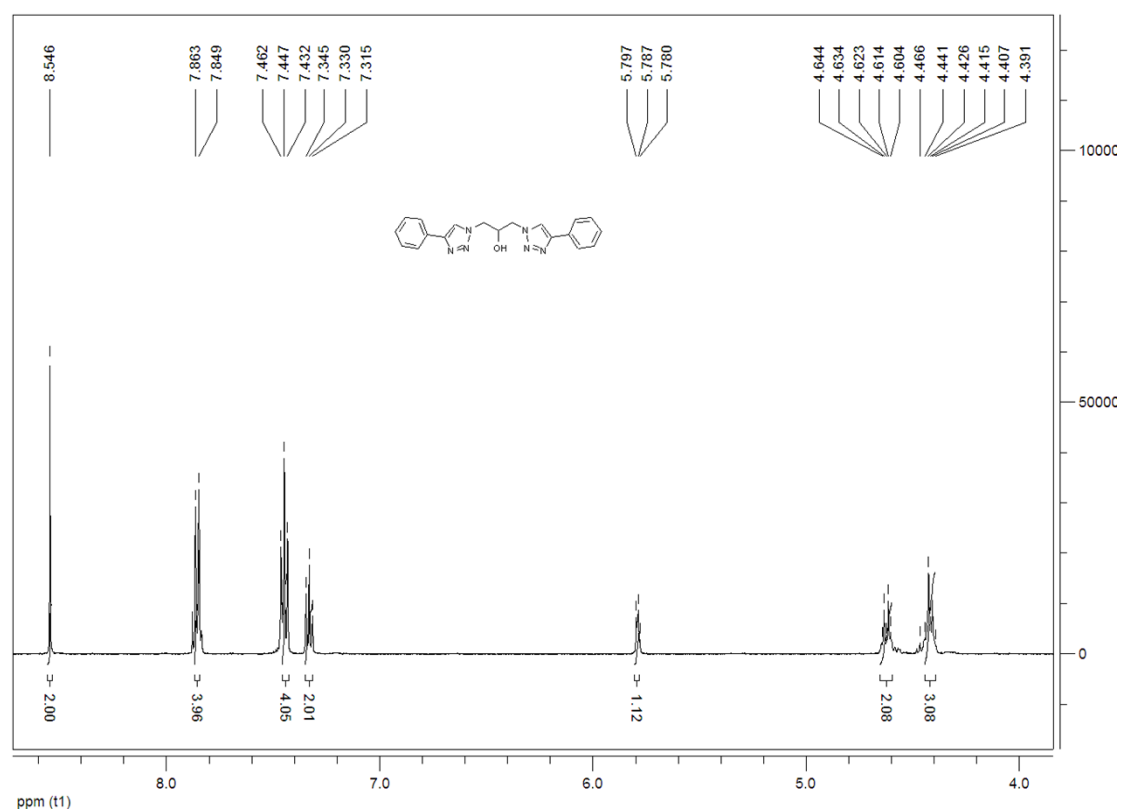
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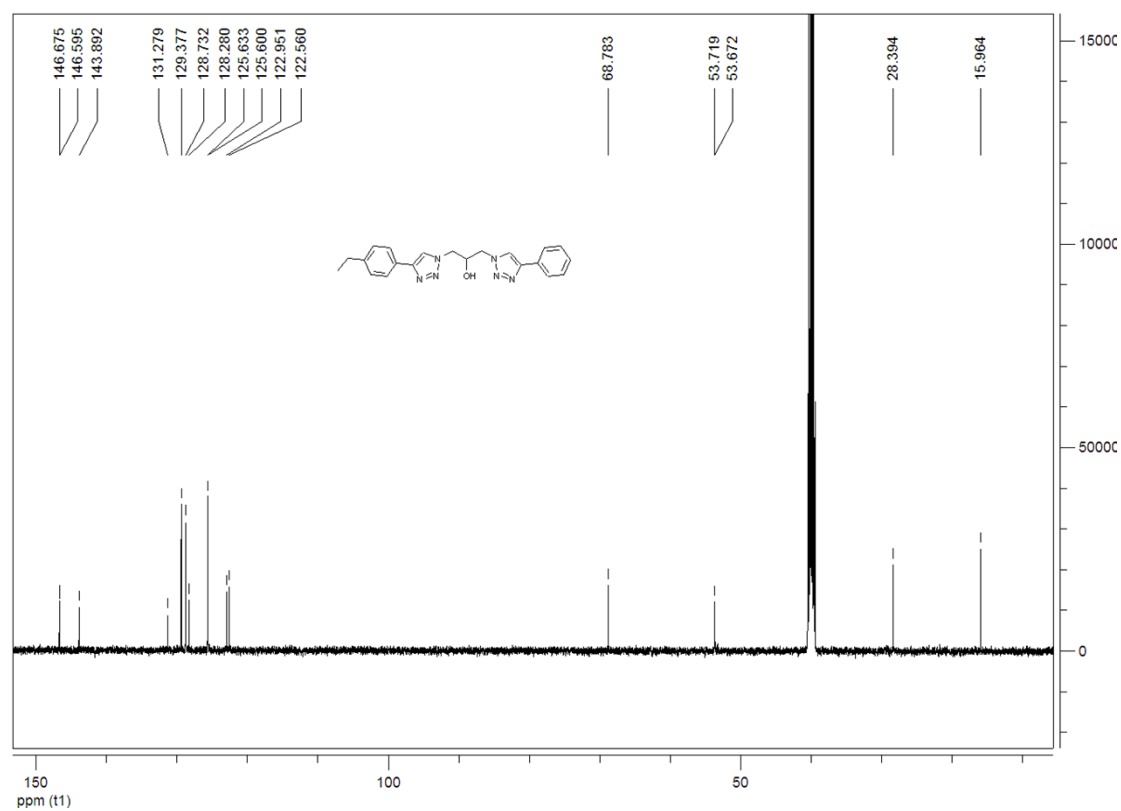
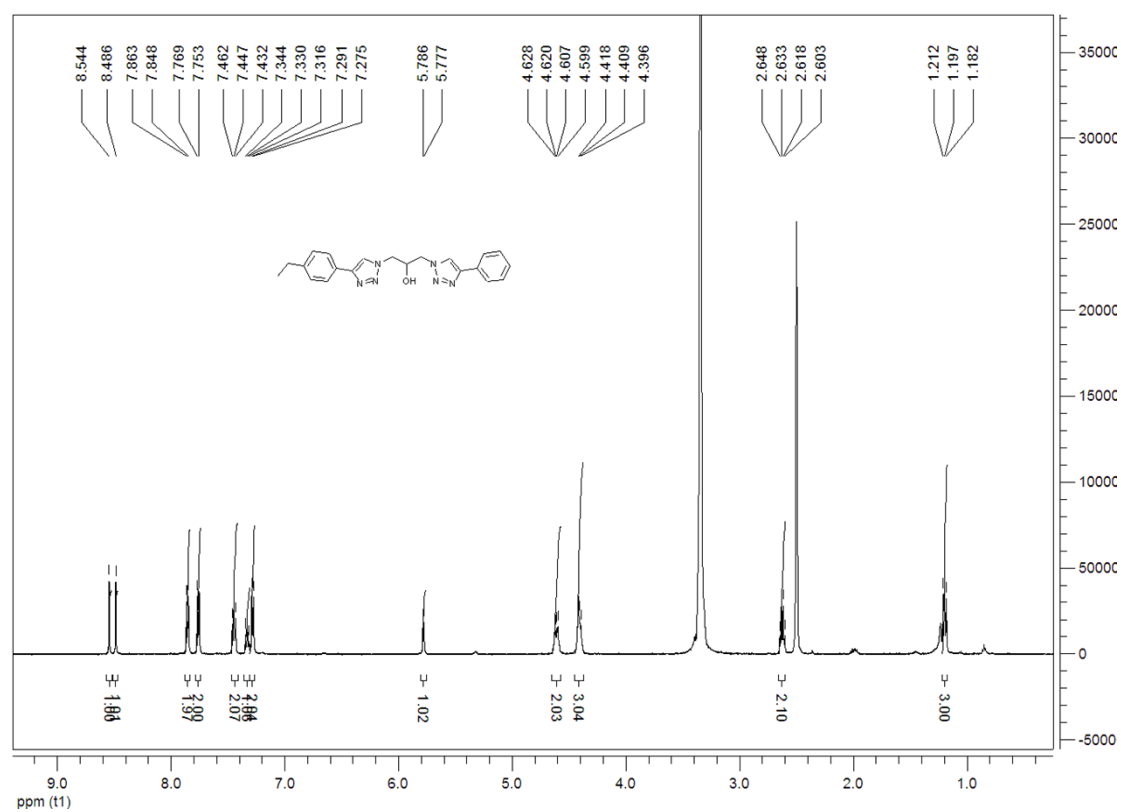
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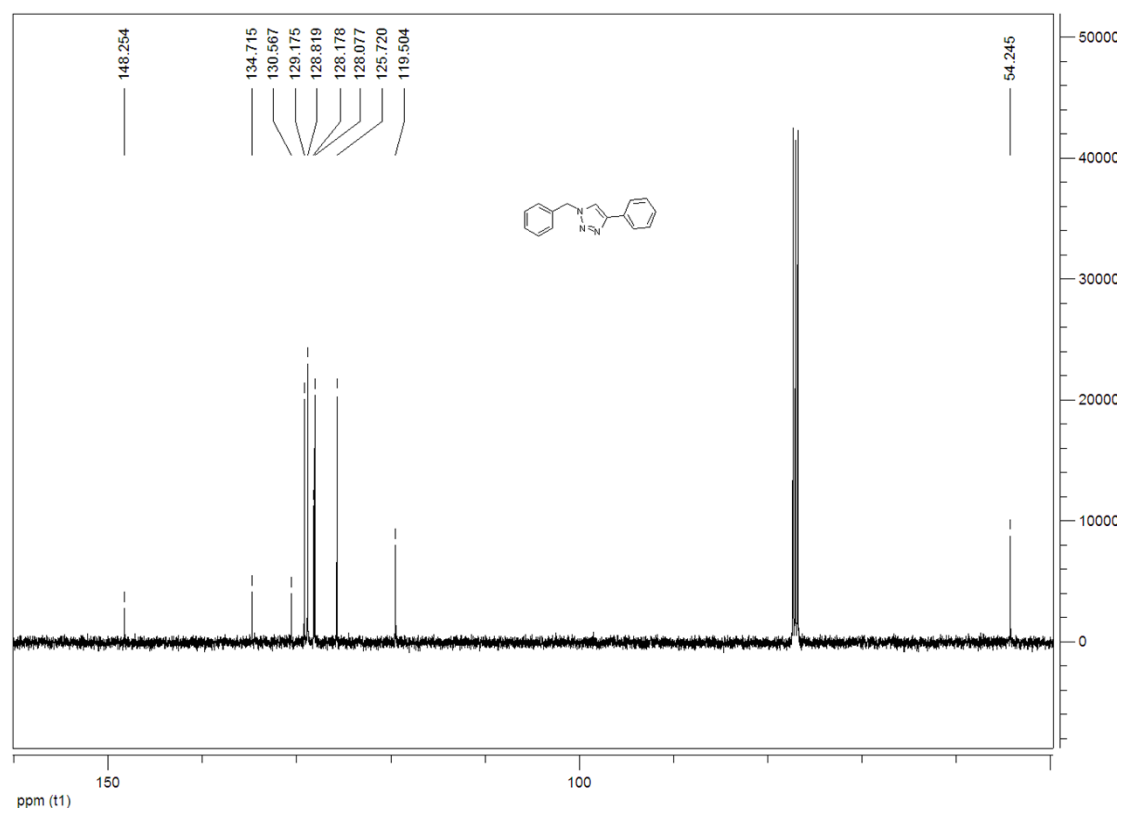
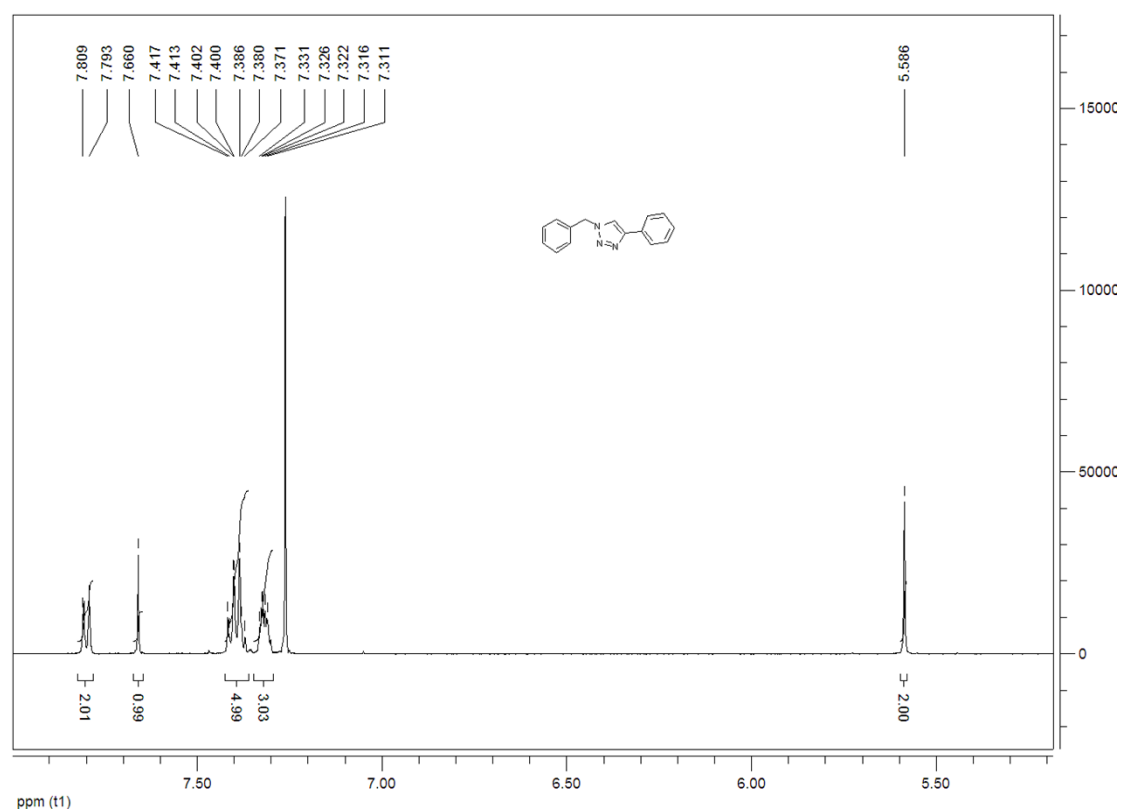
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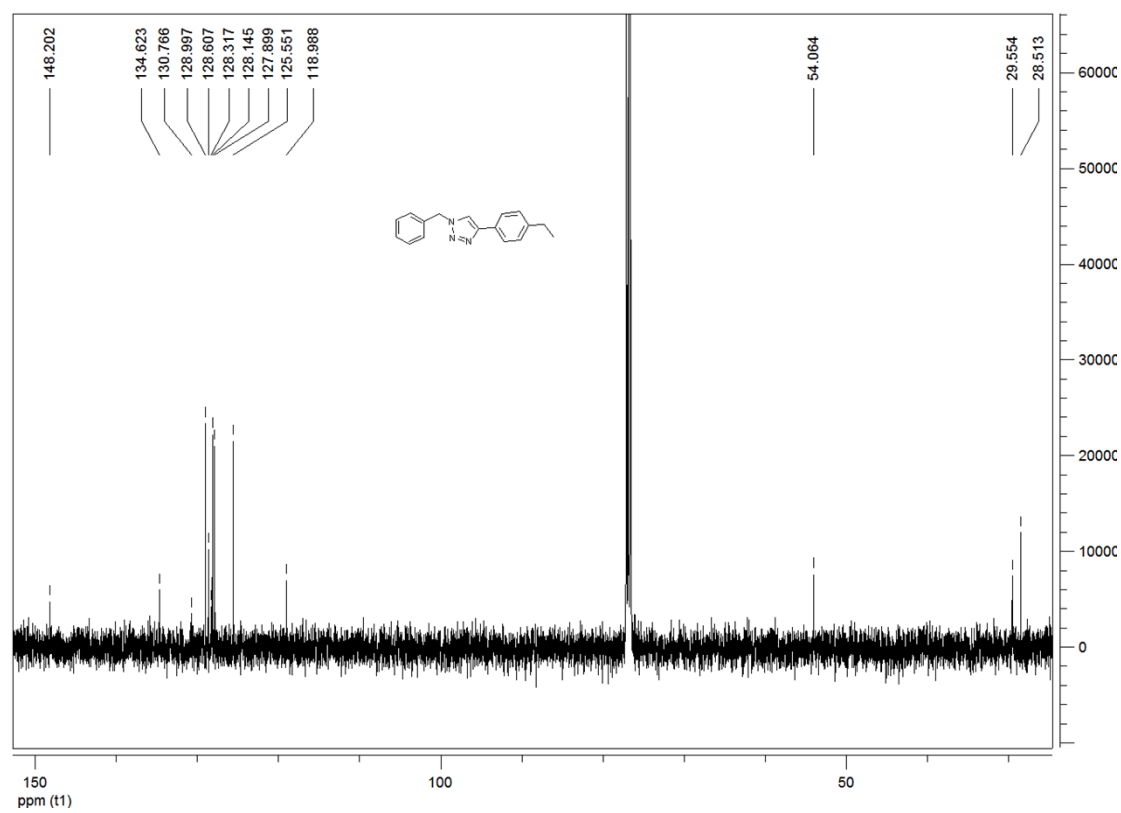
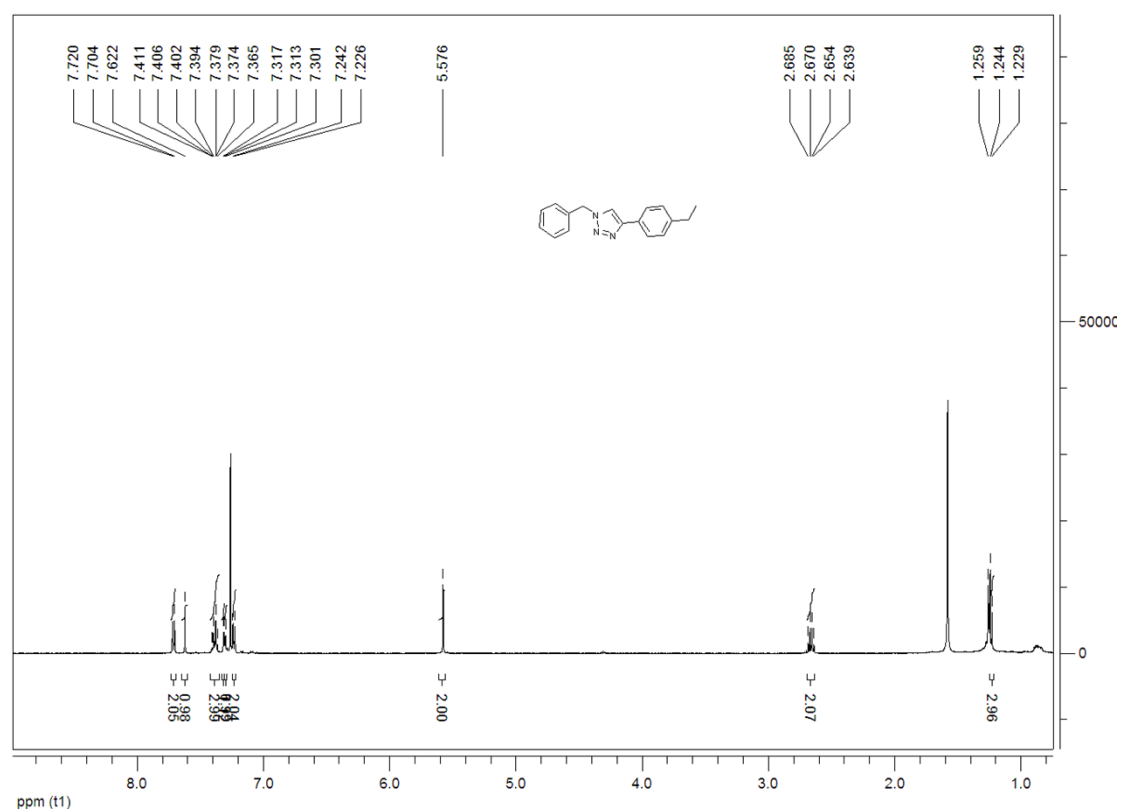
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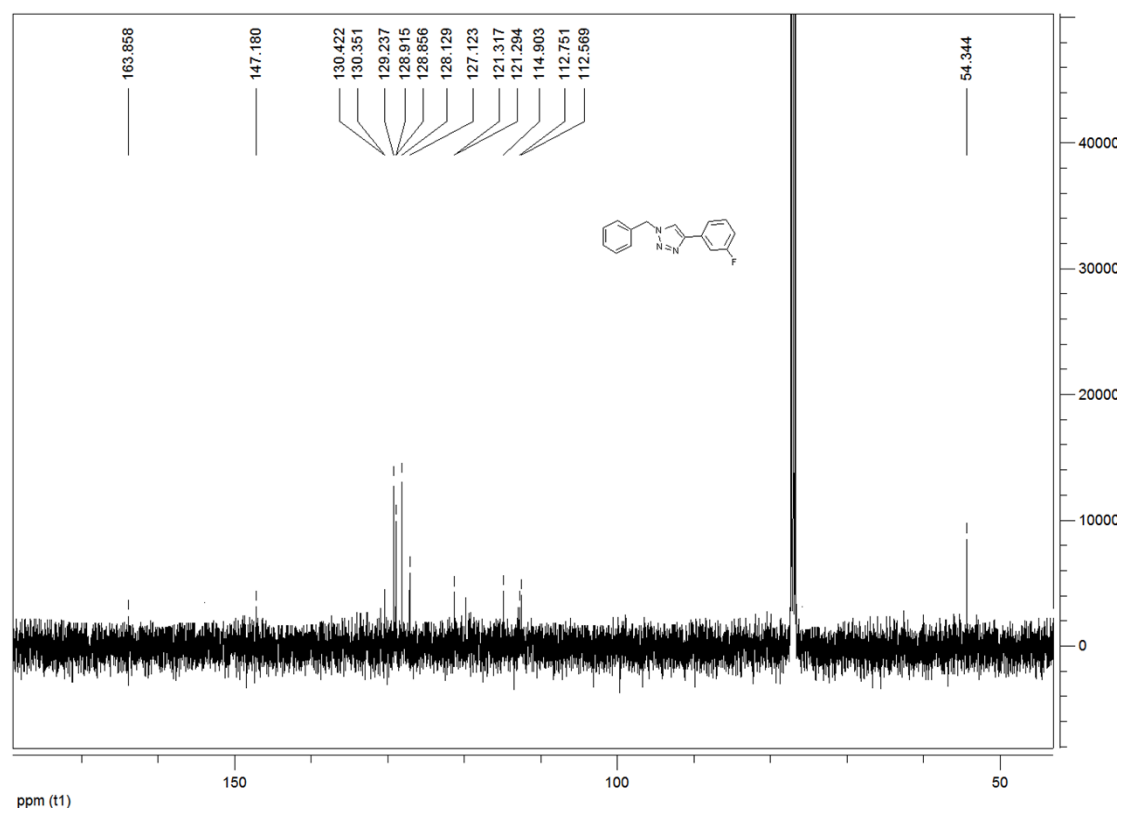
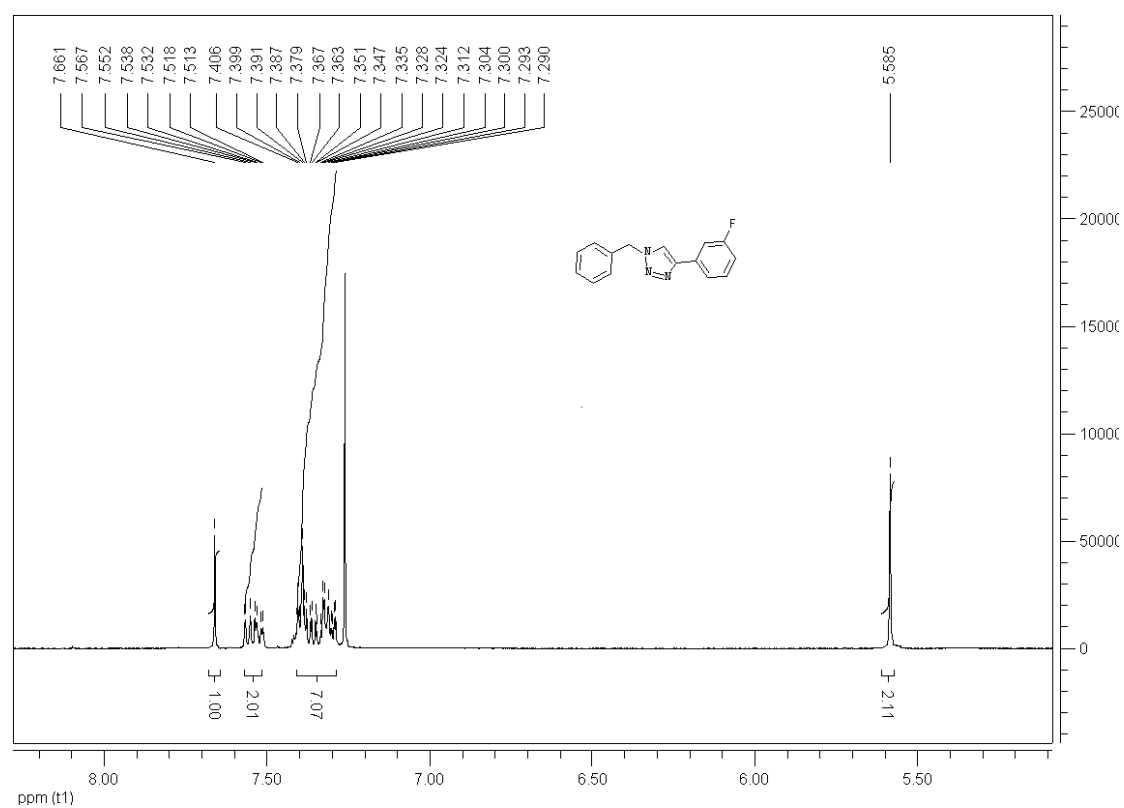
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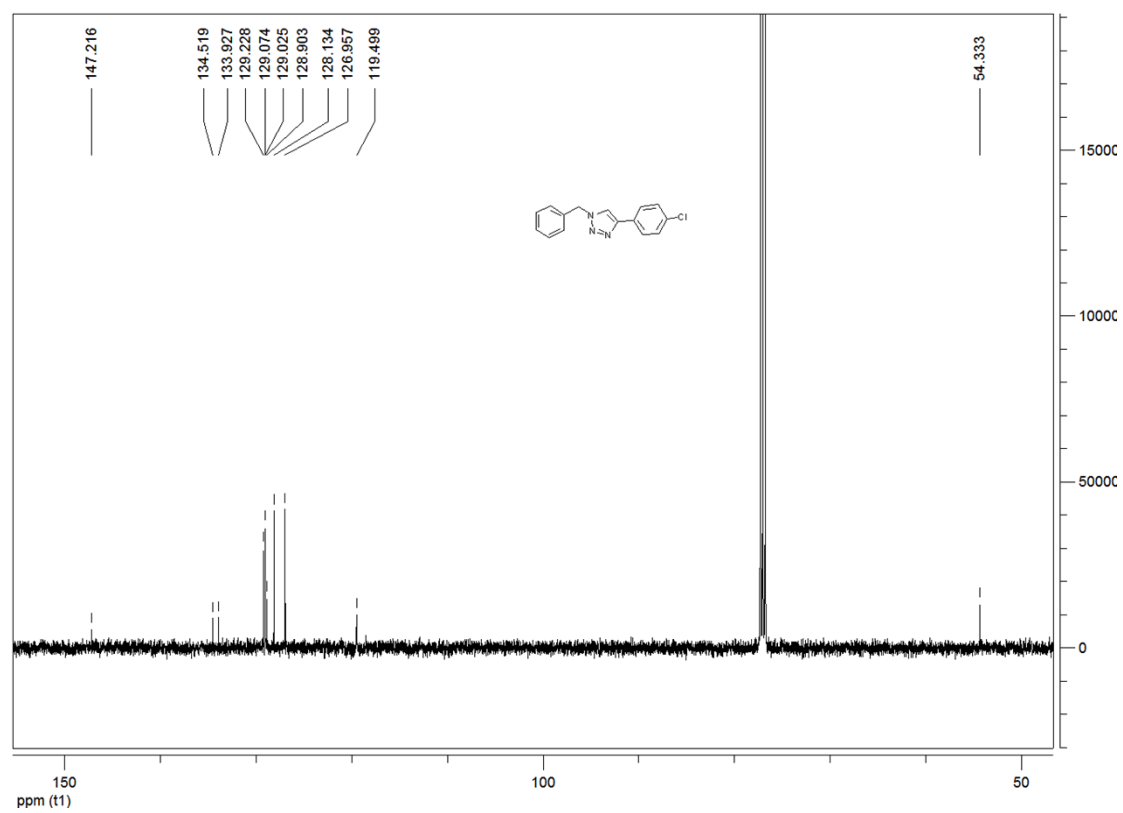
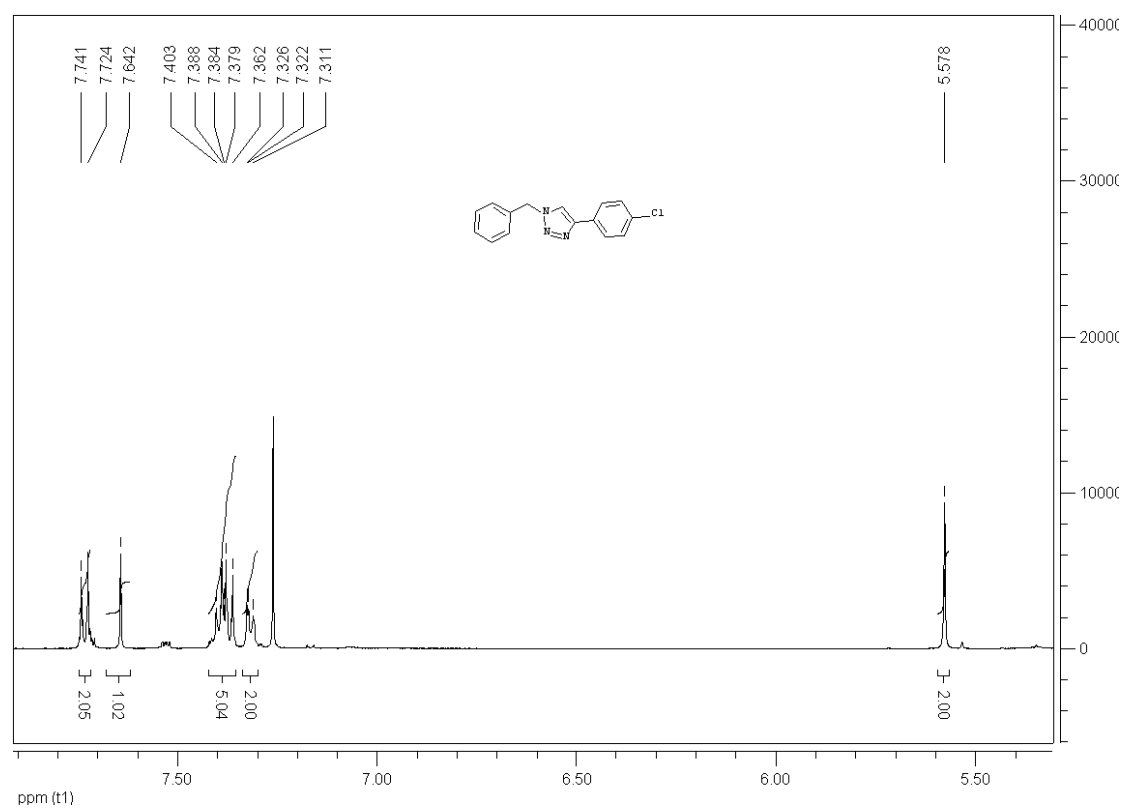
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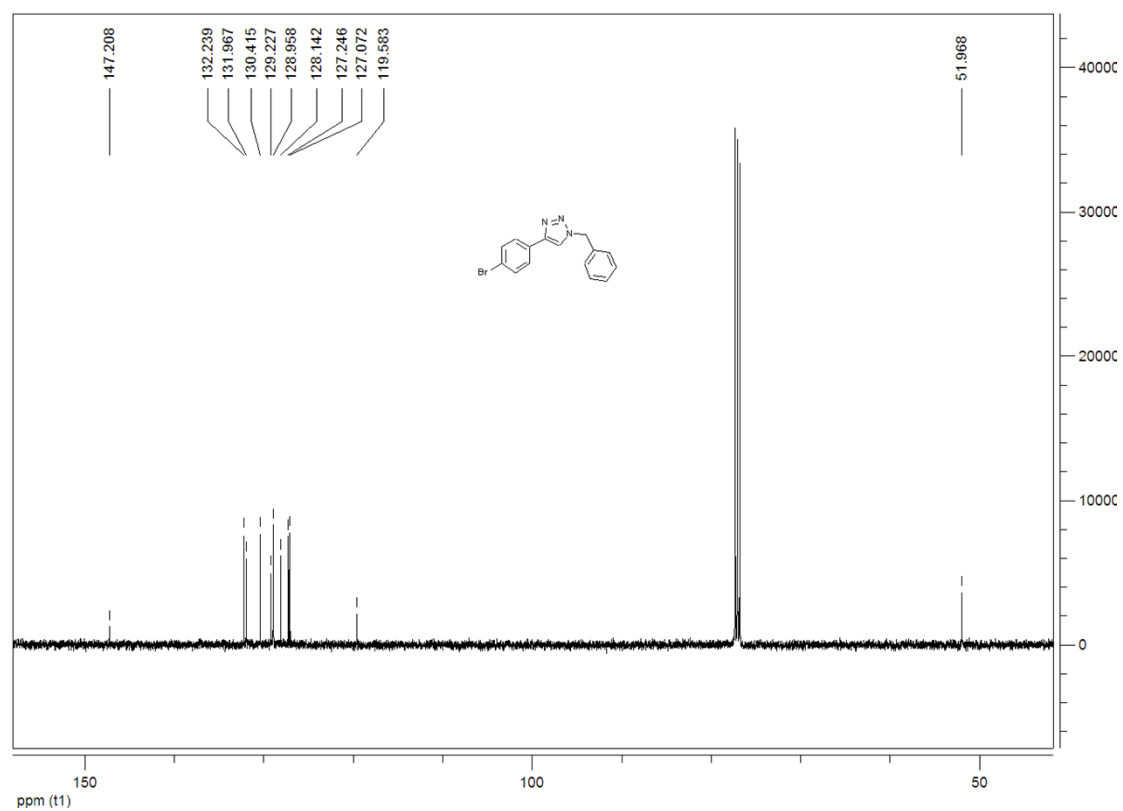
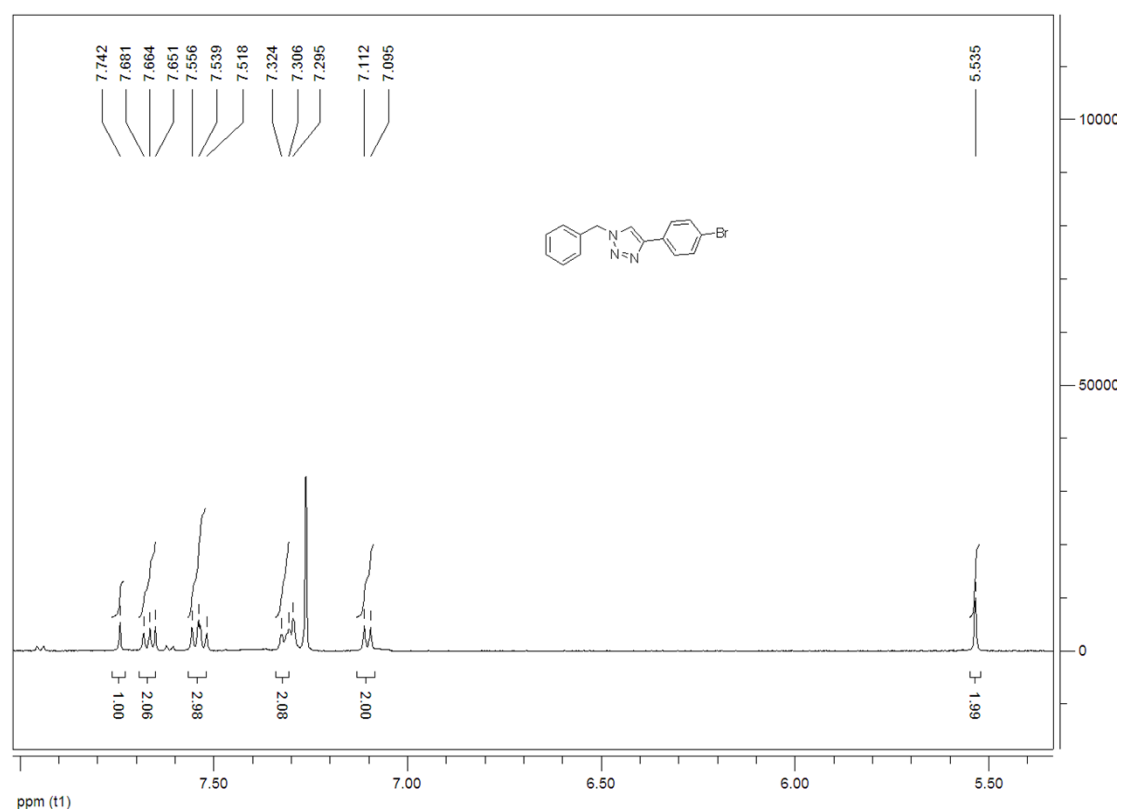
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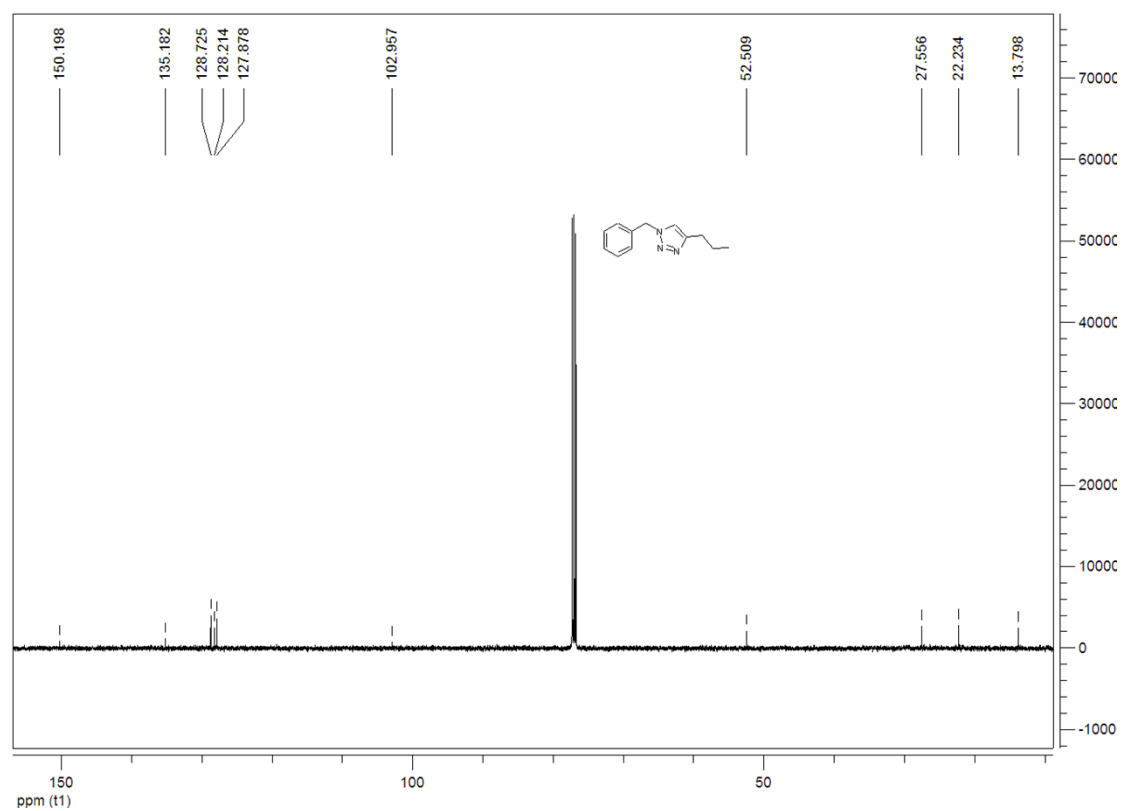
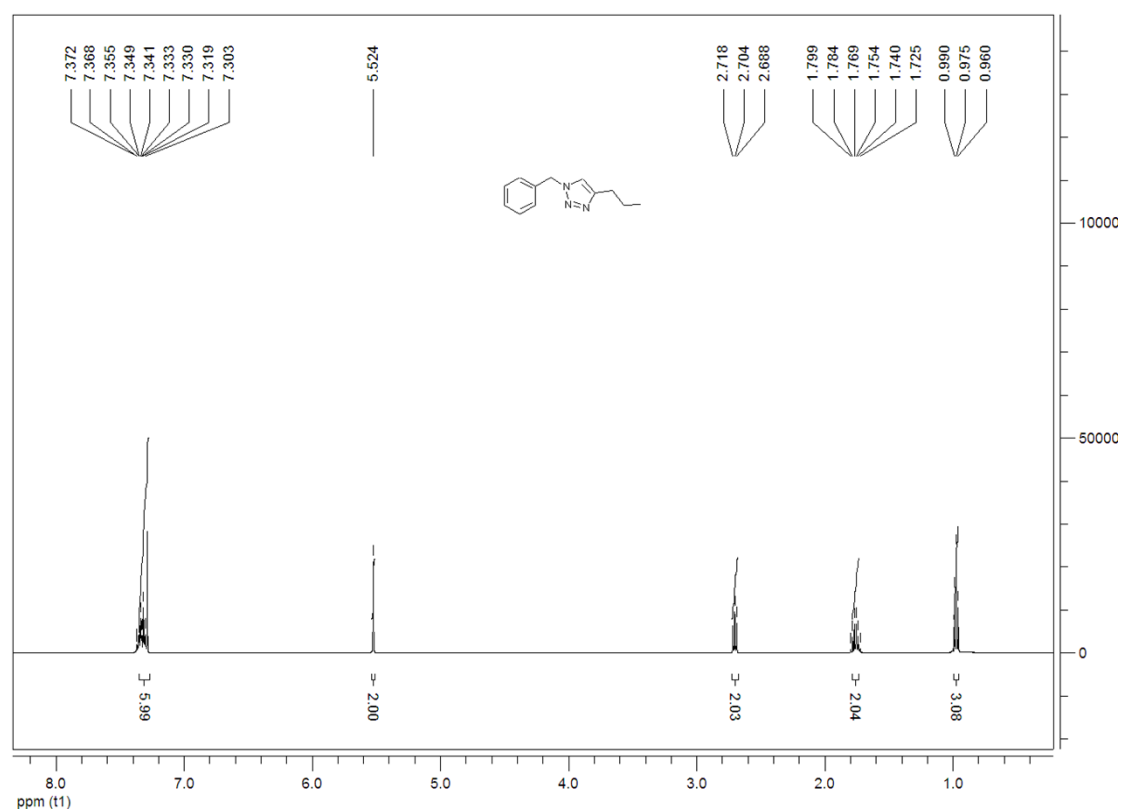
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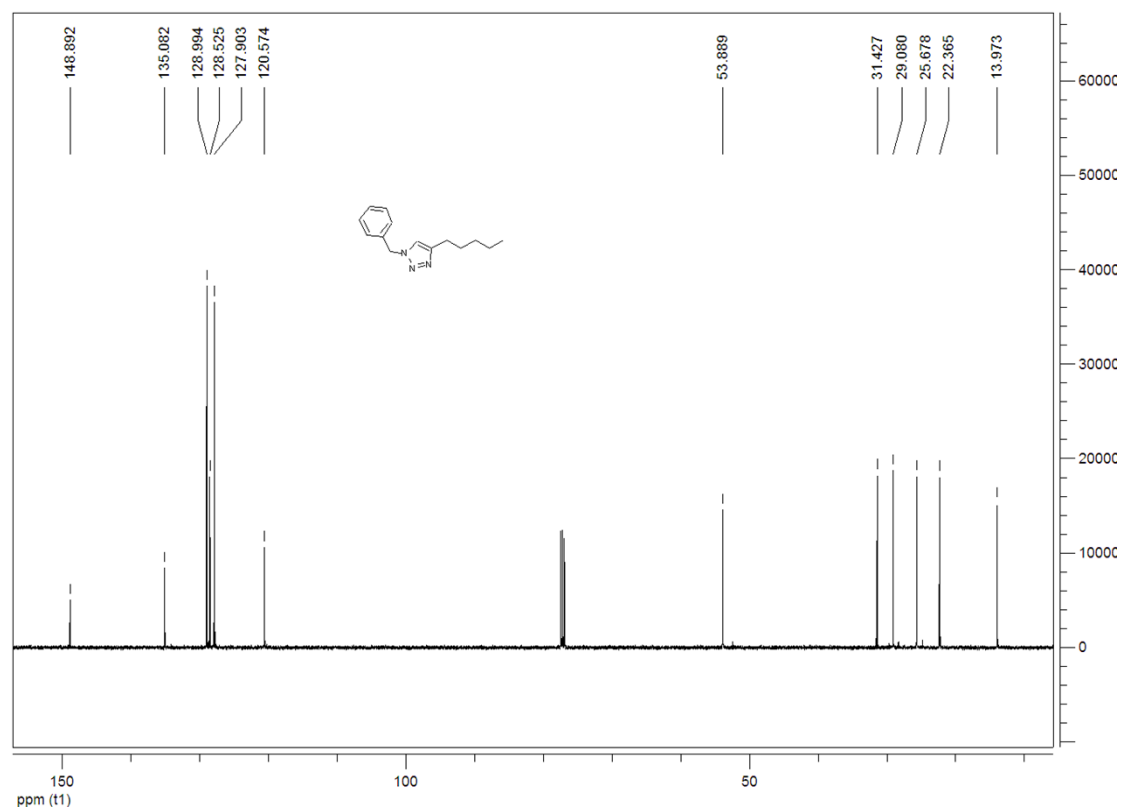
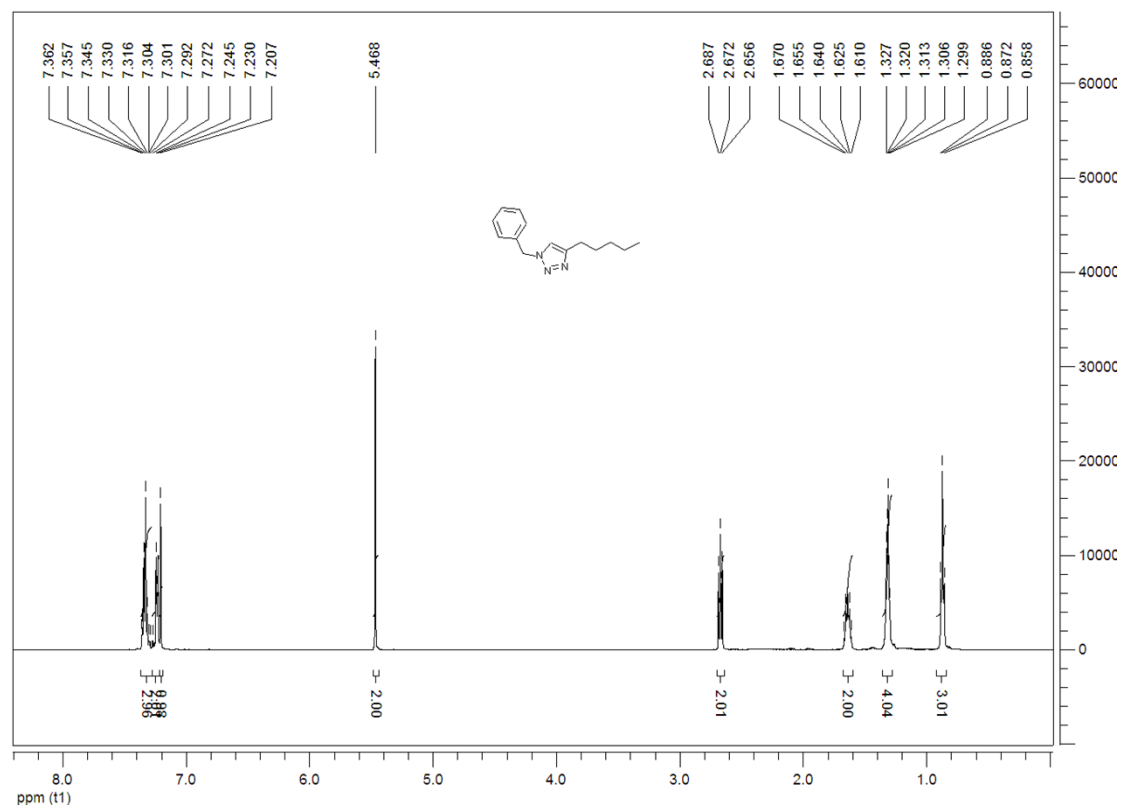
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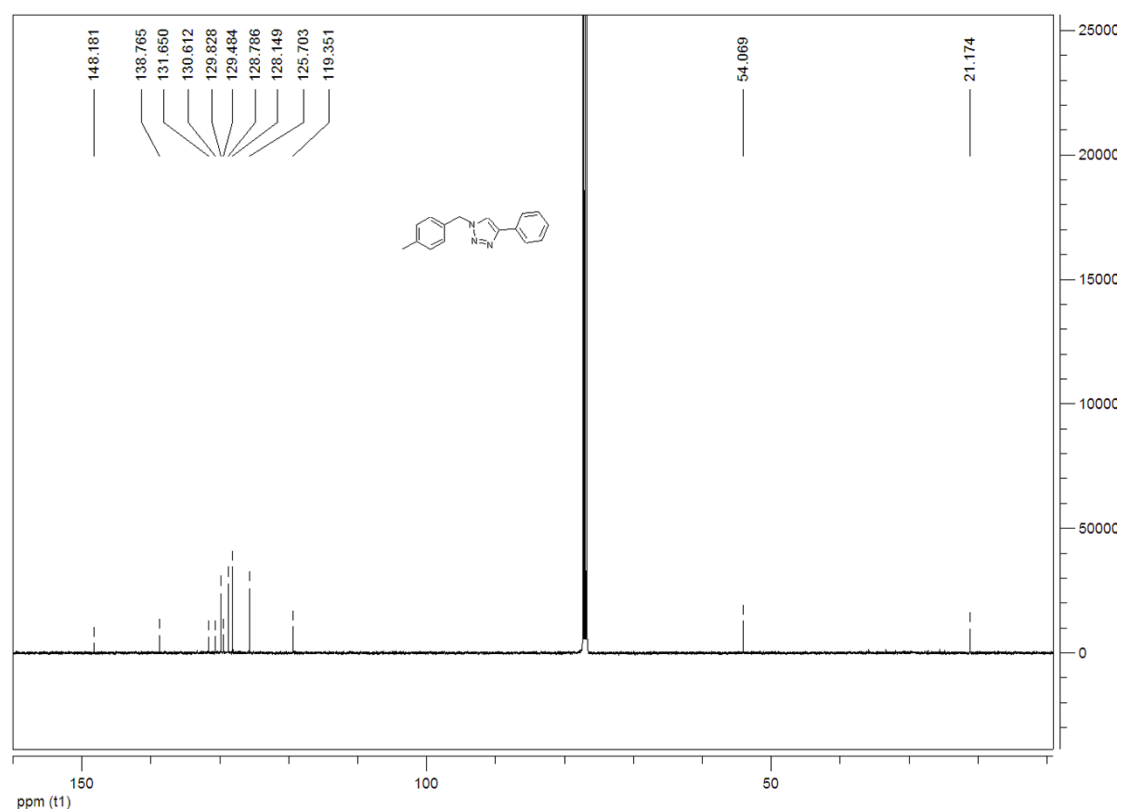
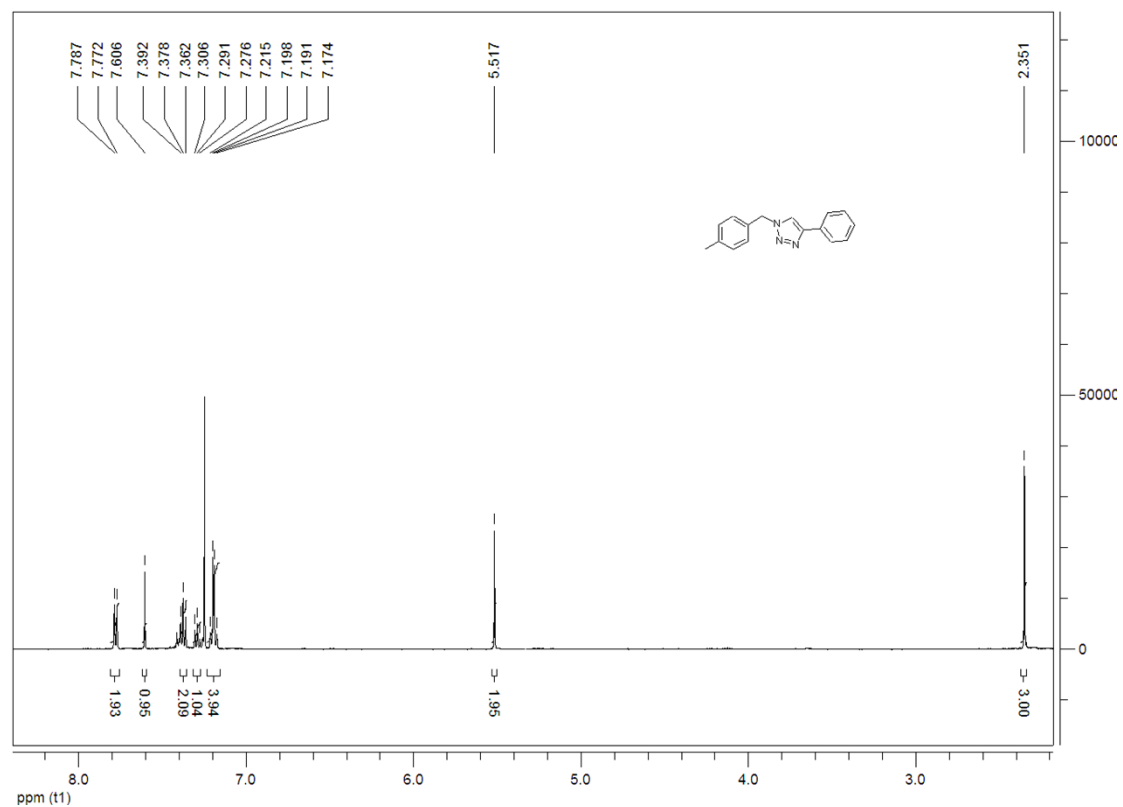
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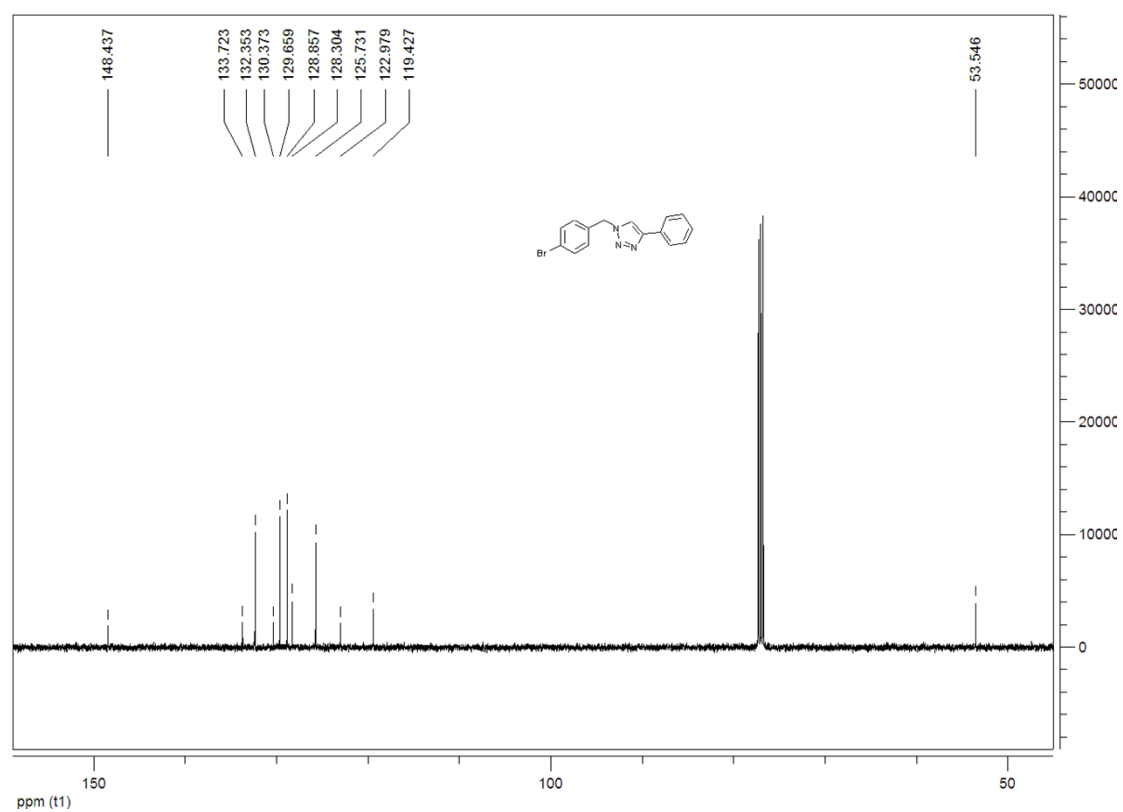
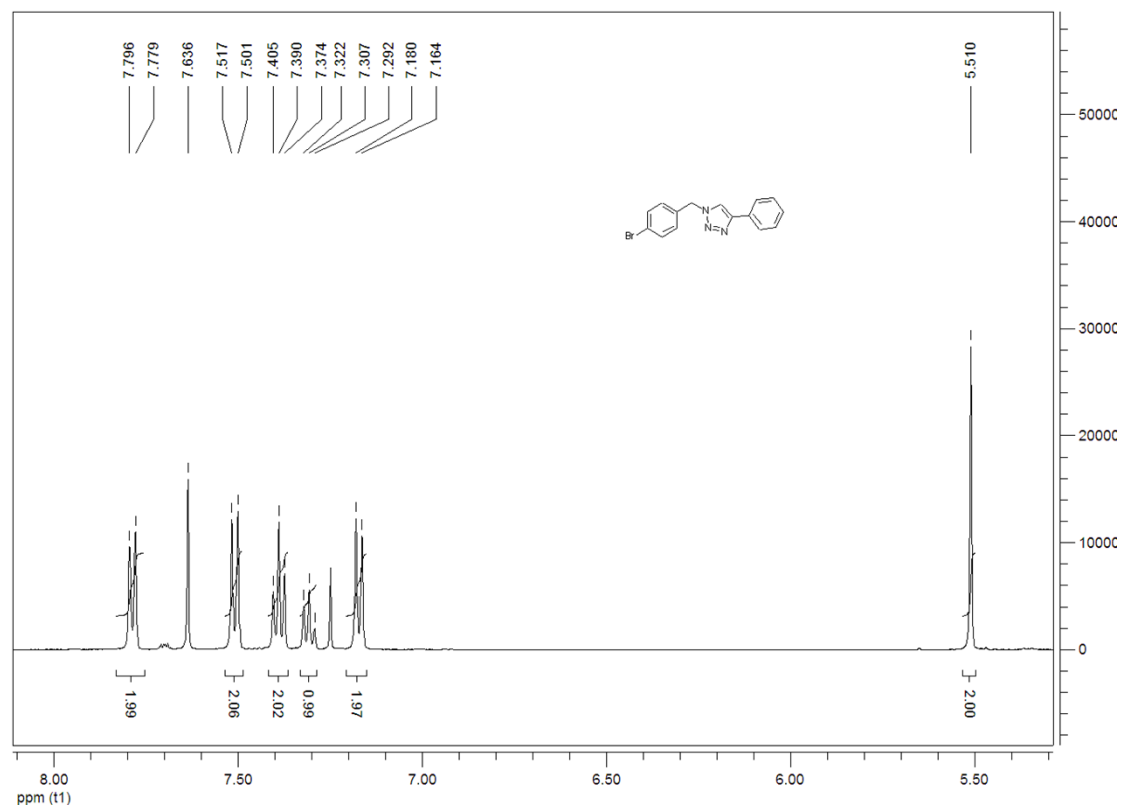
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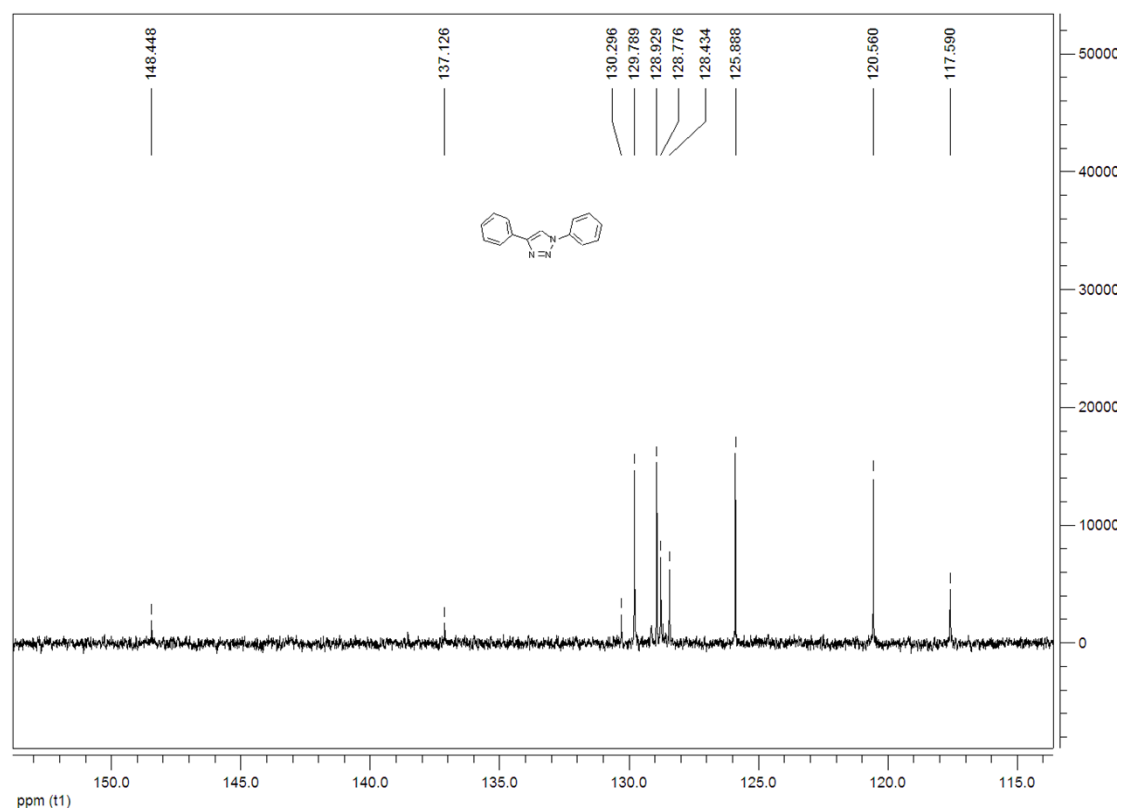
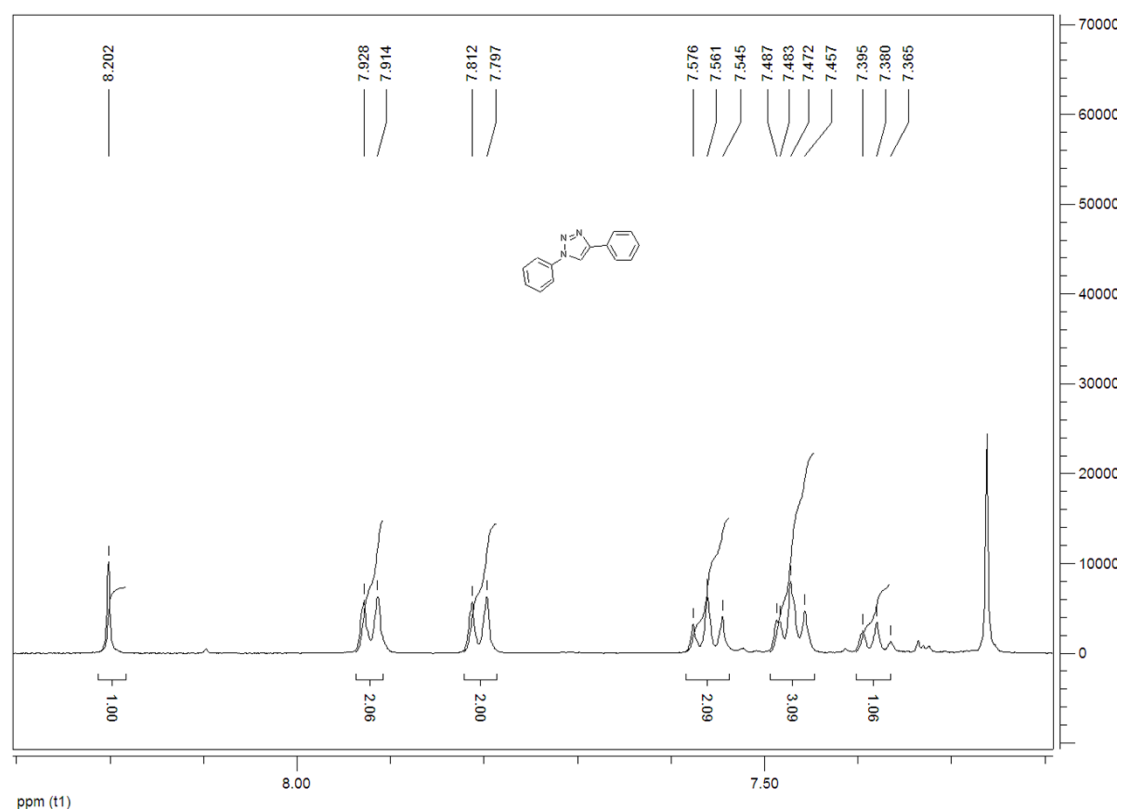
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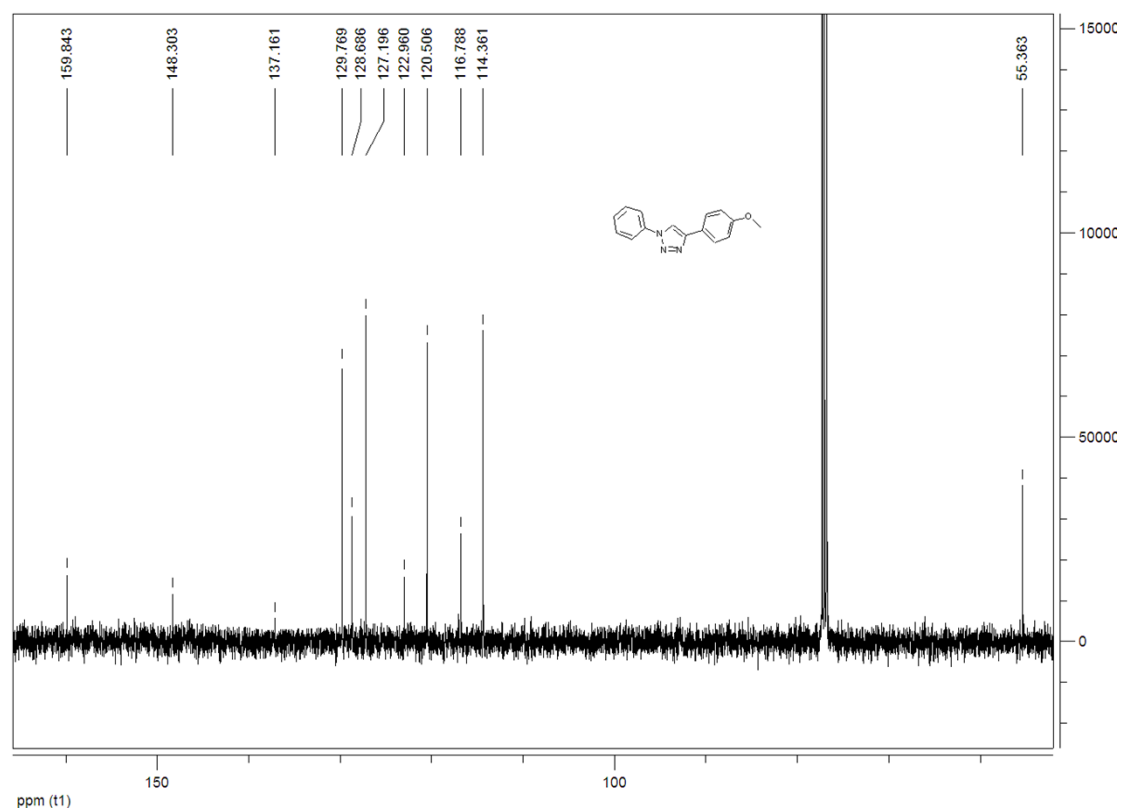
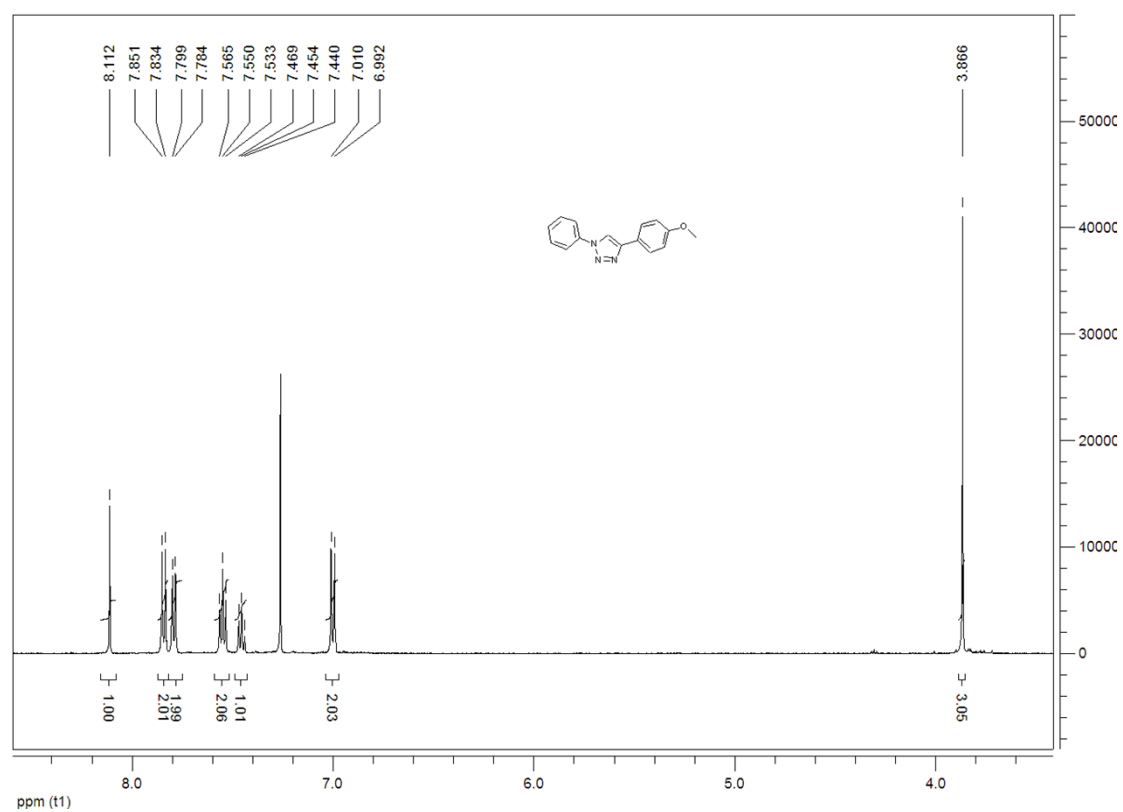
^1H NMR and ^{13}C NMR of compound **6i**



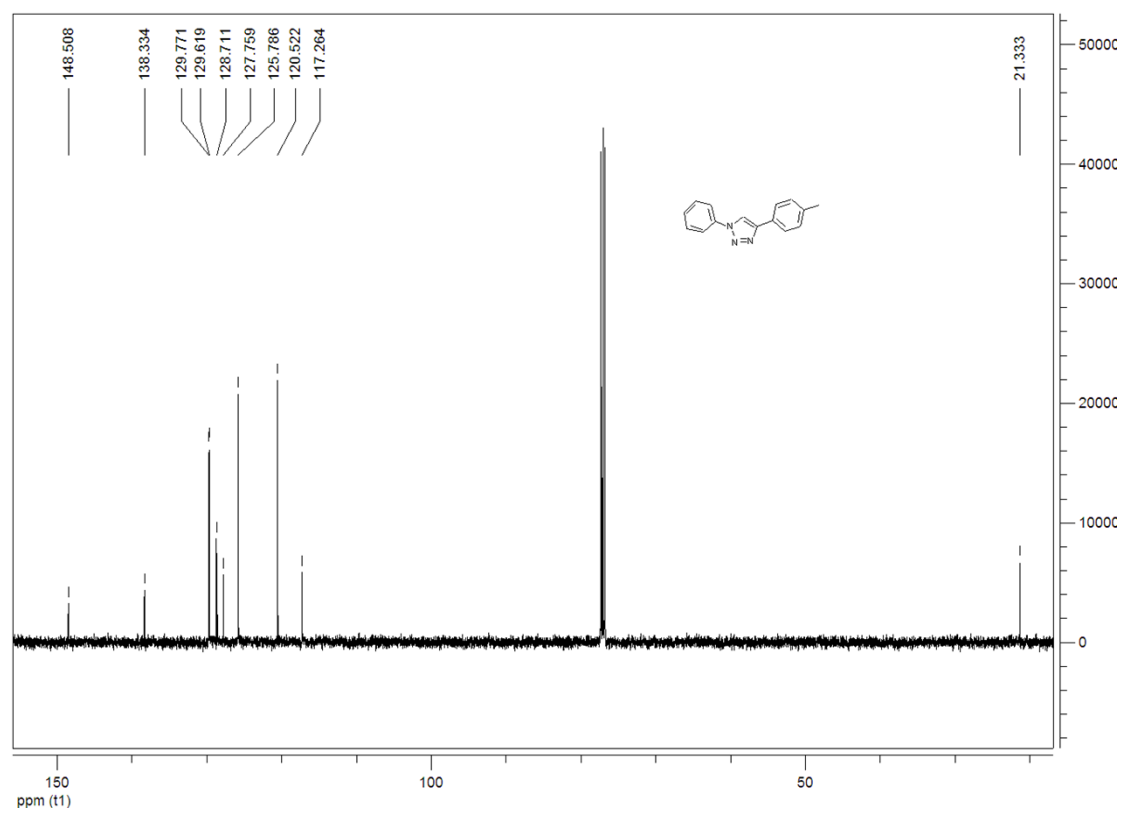
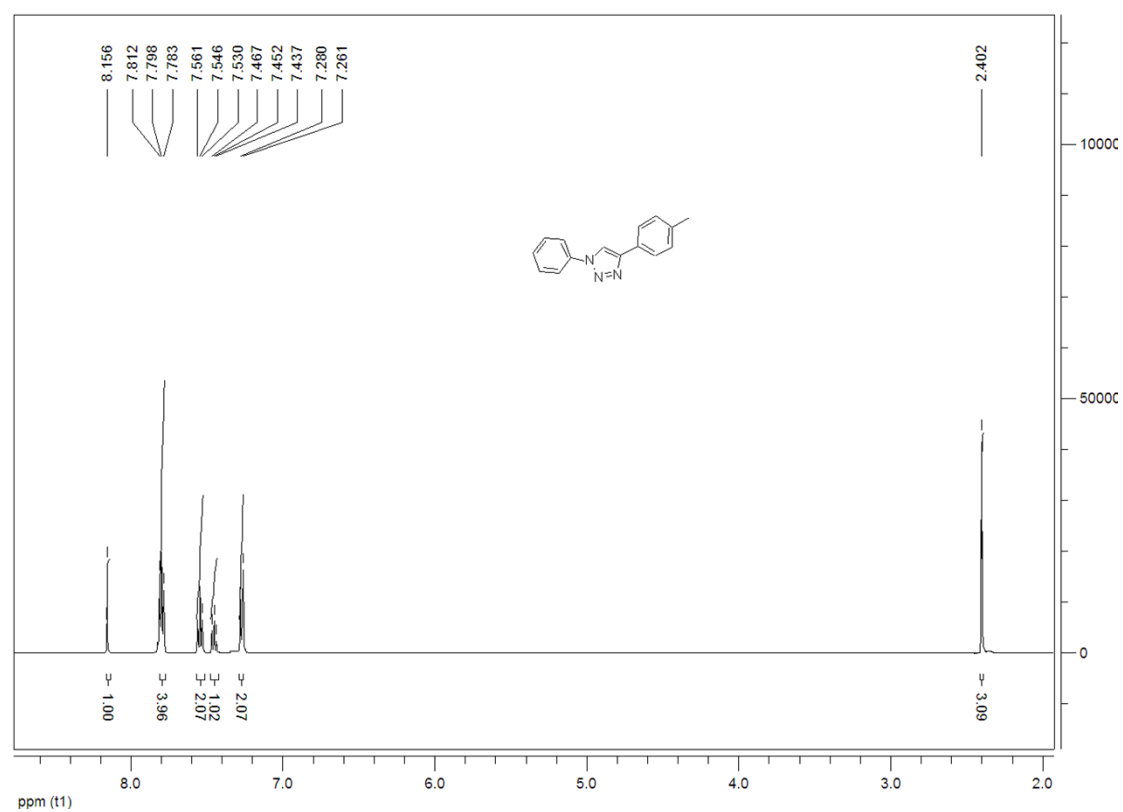
¹H NMR and ¹³C NMR of compound **8a**



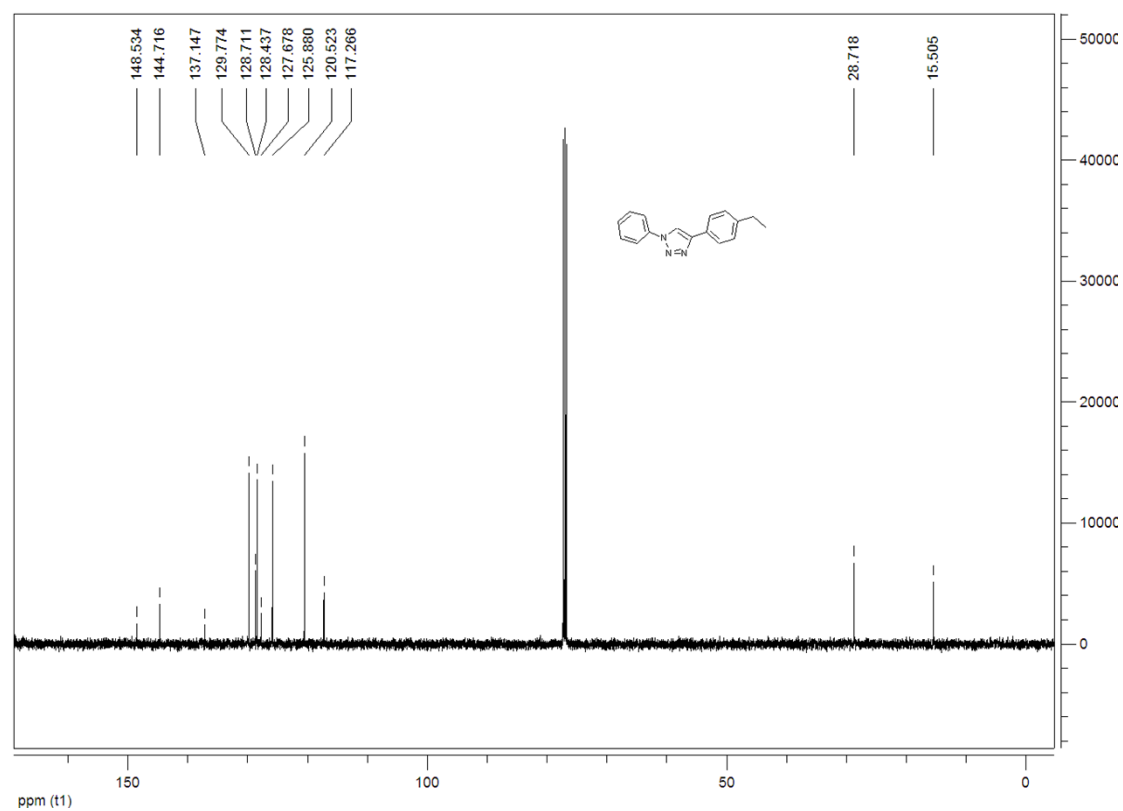
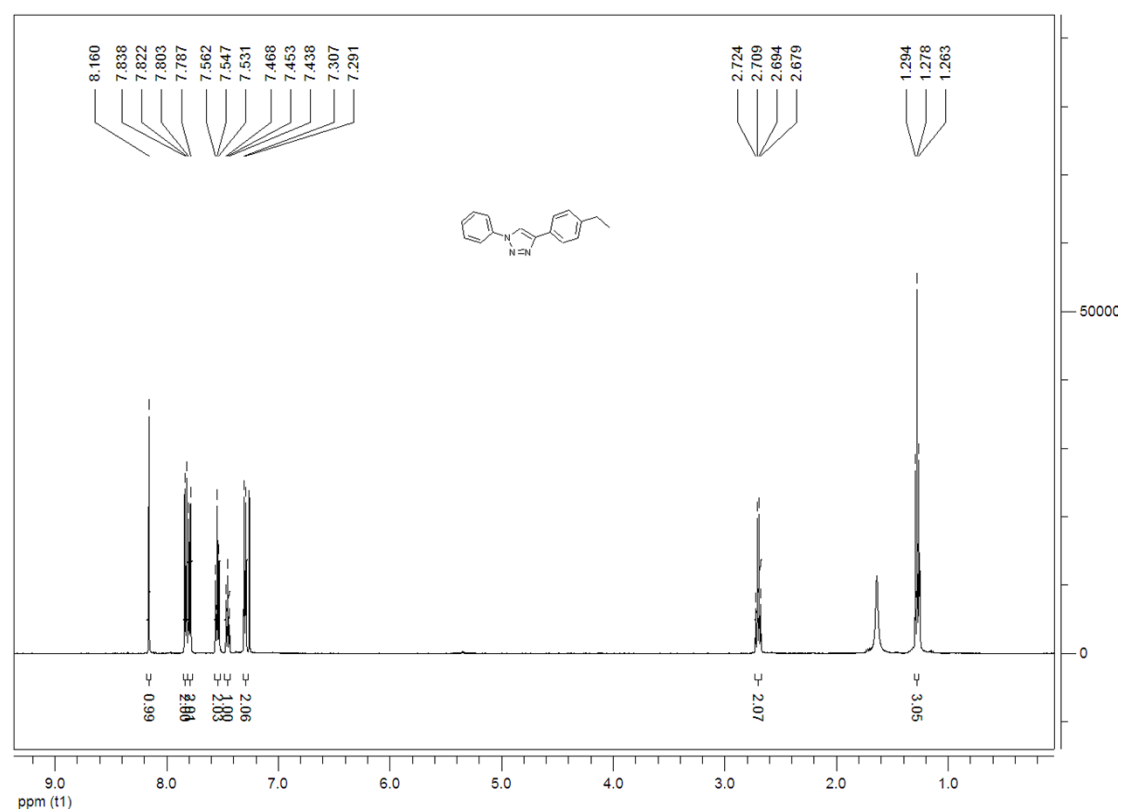
¹H NMR and ¹³C NMR of compound **8b**



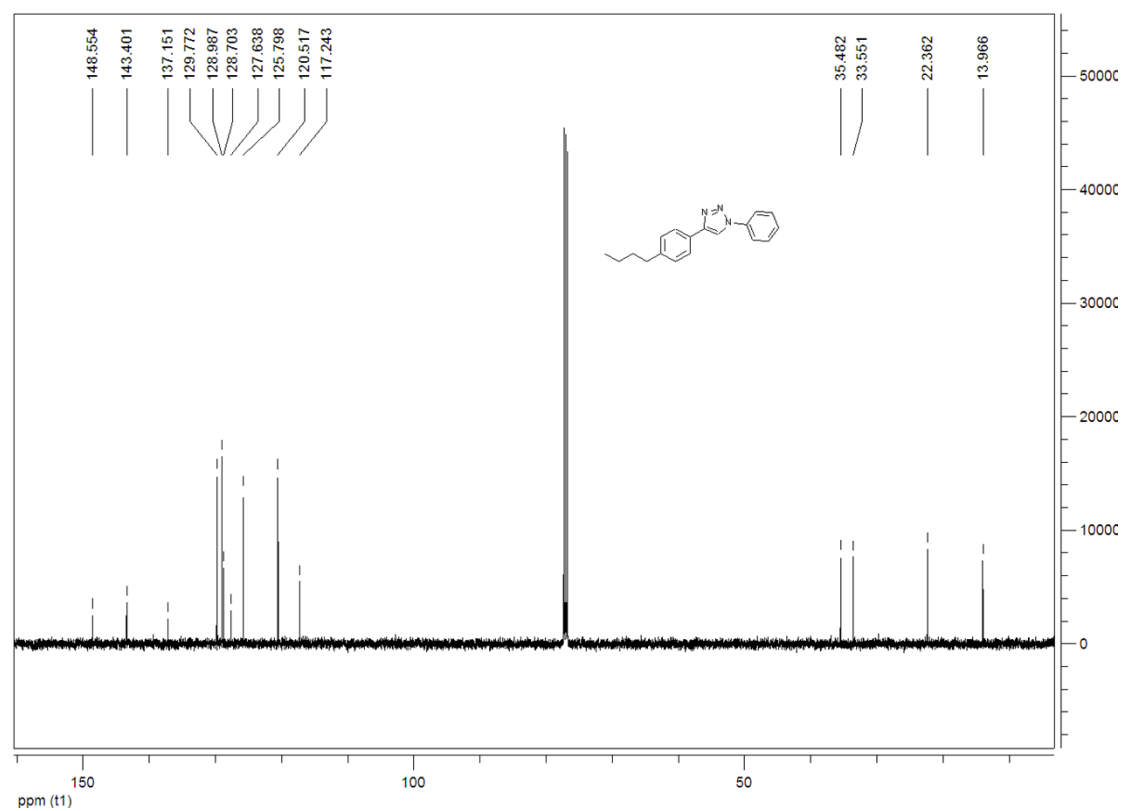
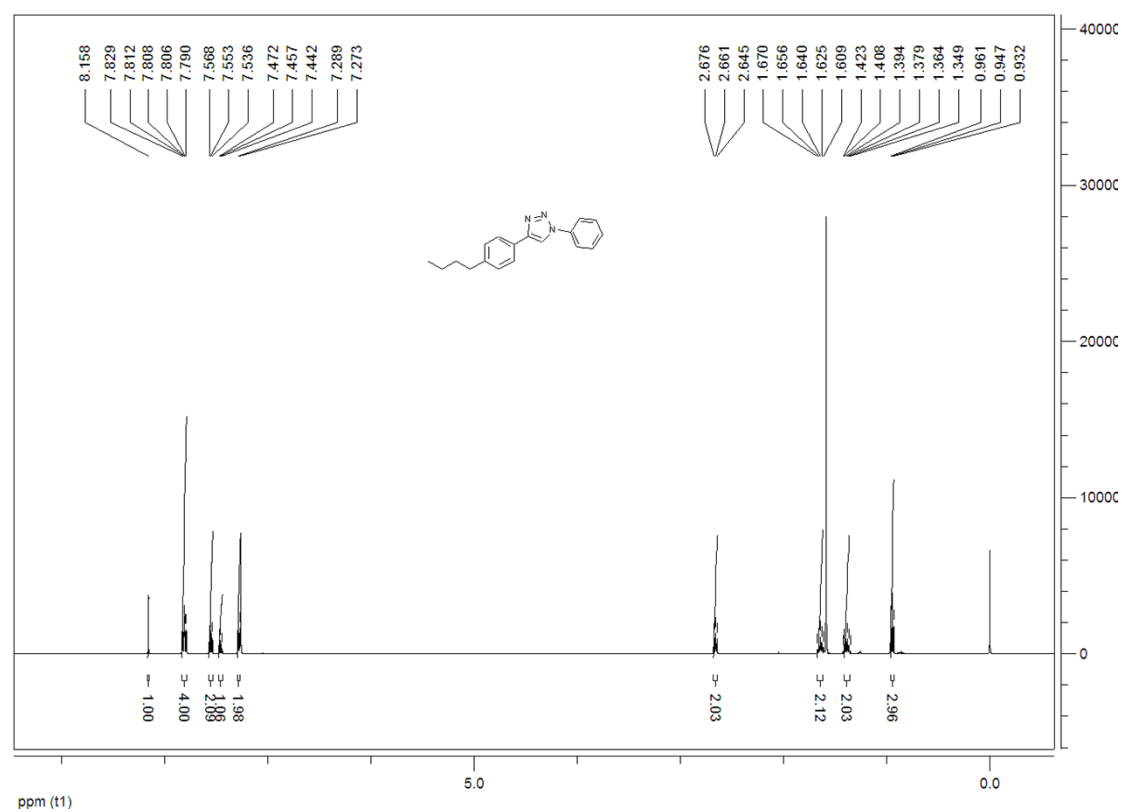
^1H NMR and ^{13}C NMR of compound **8c**



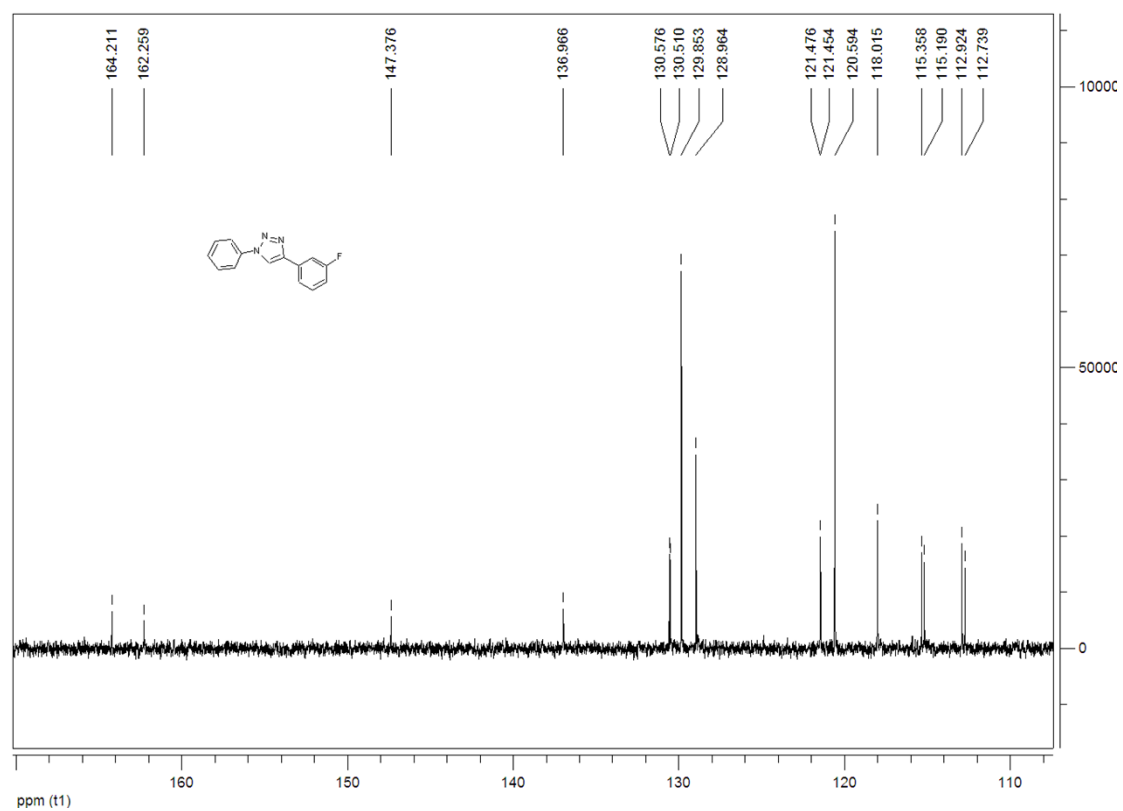
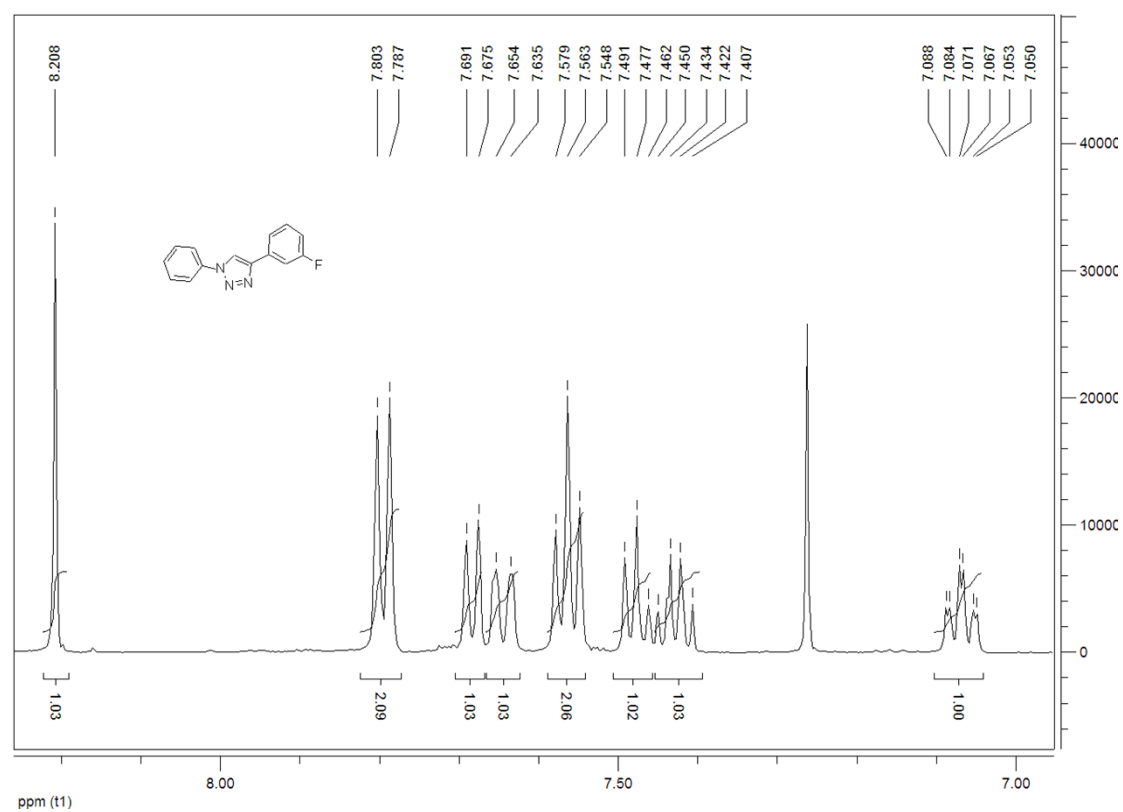
^1H NMR and ^{13}C NMR of compound **8d**



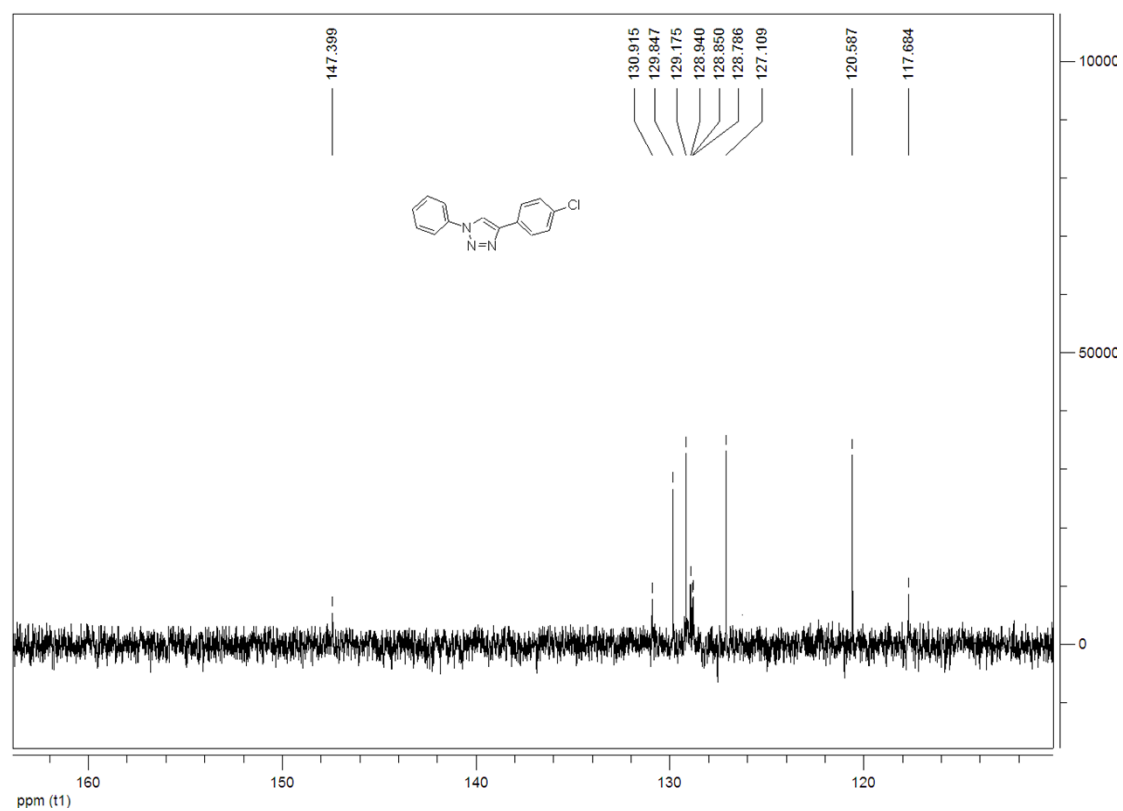
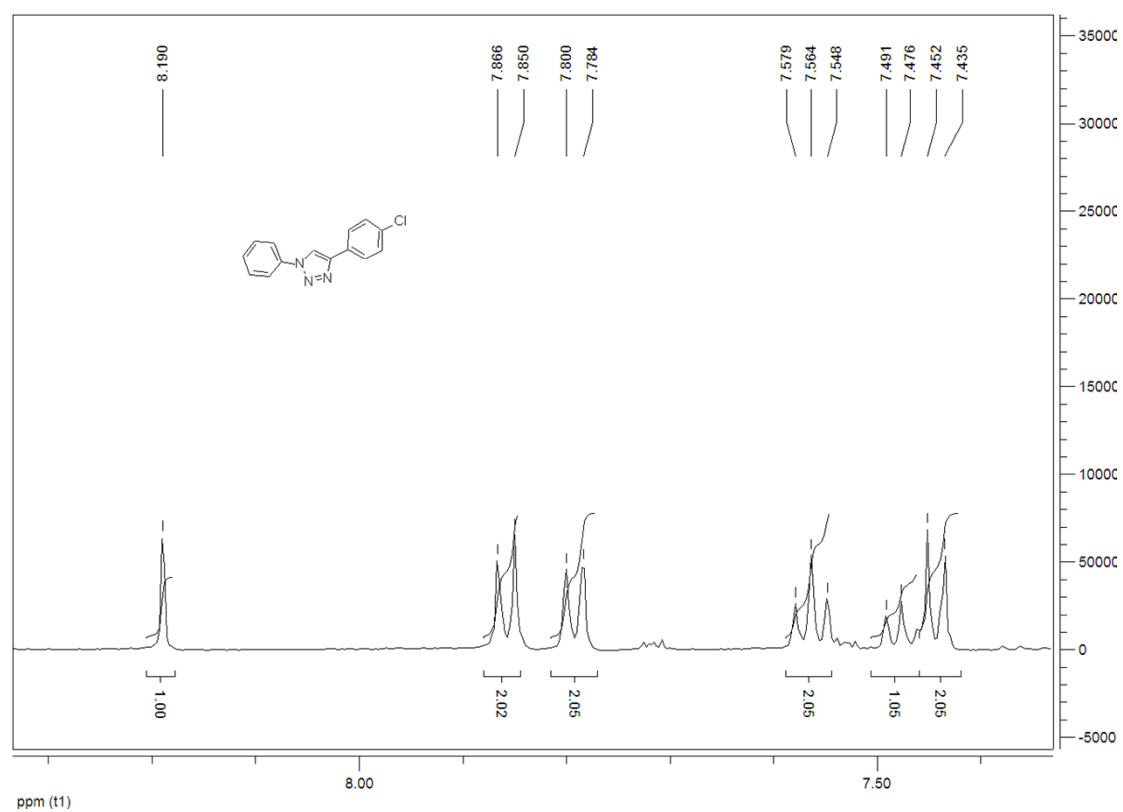
^1H NMR and ^{13}C NMR of compound **8e**



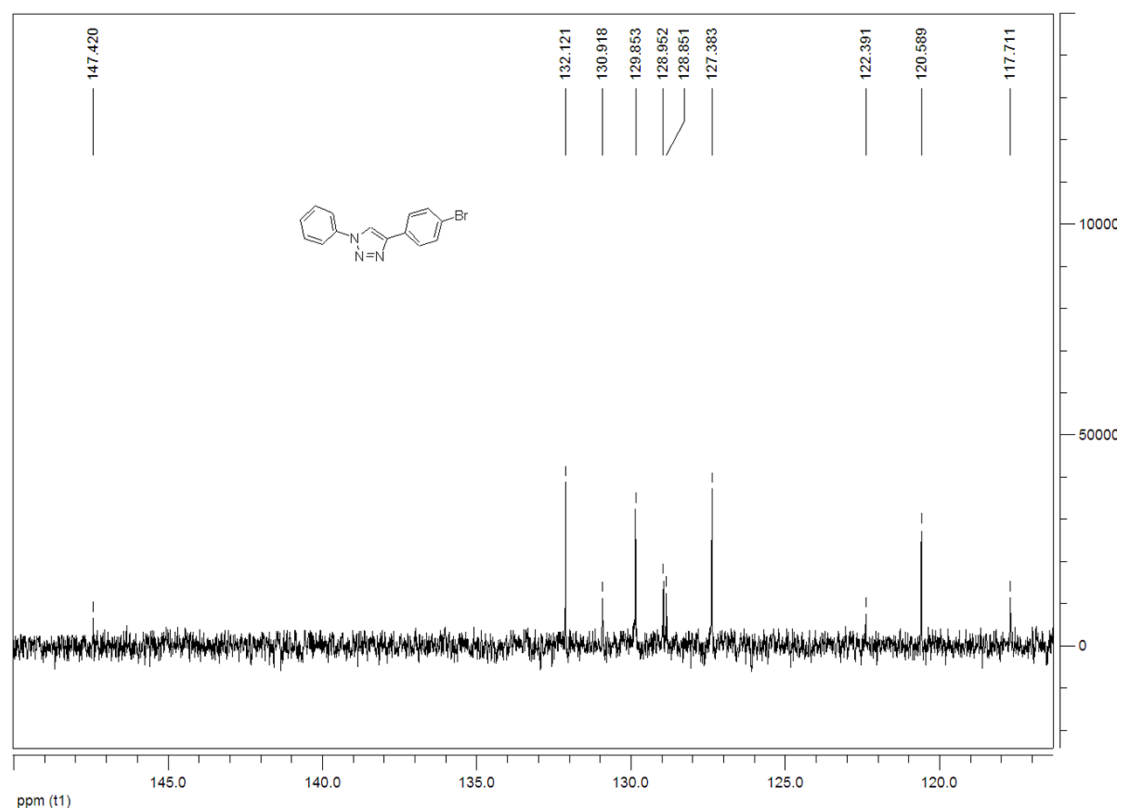
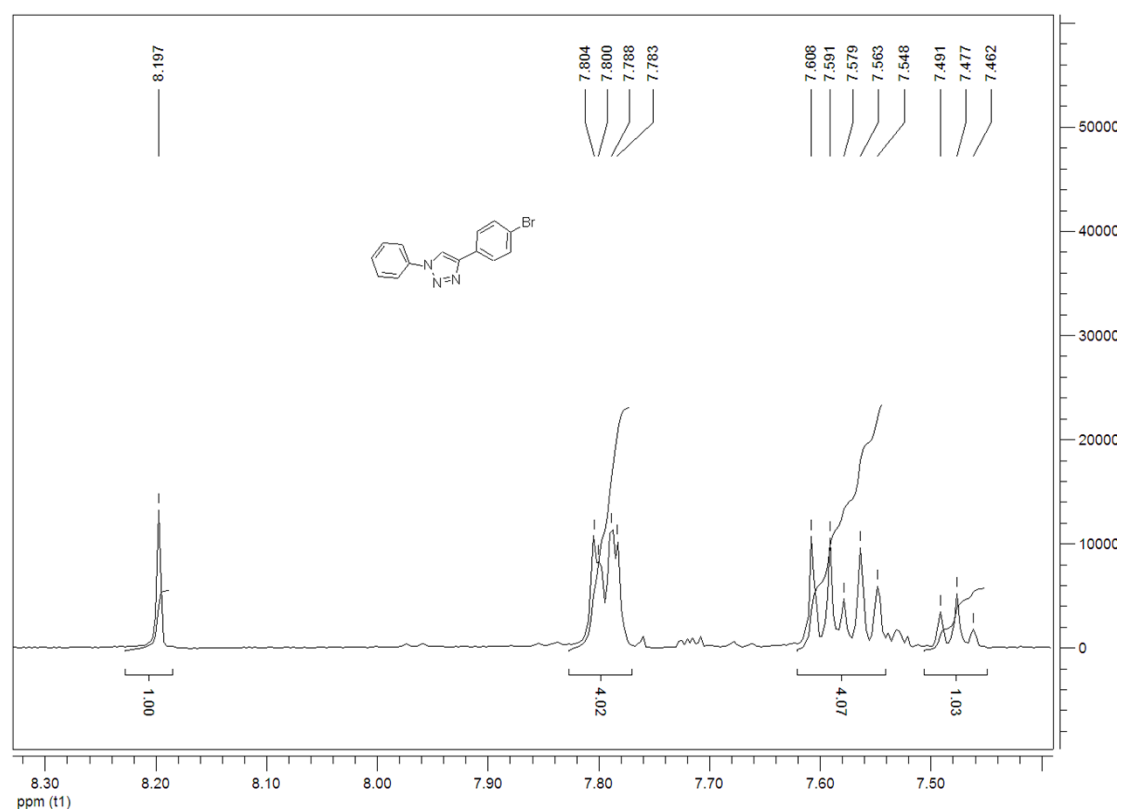
¹H NMR and ¹³C NMR of compound **8f**



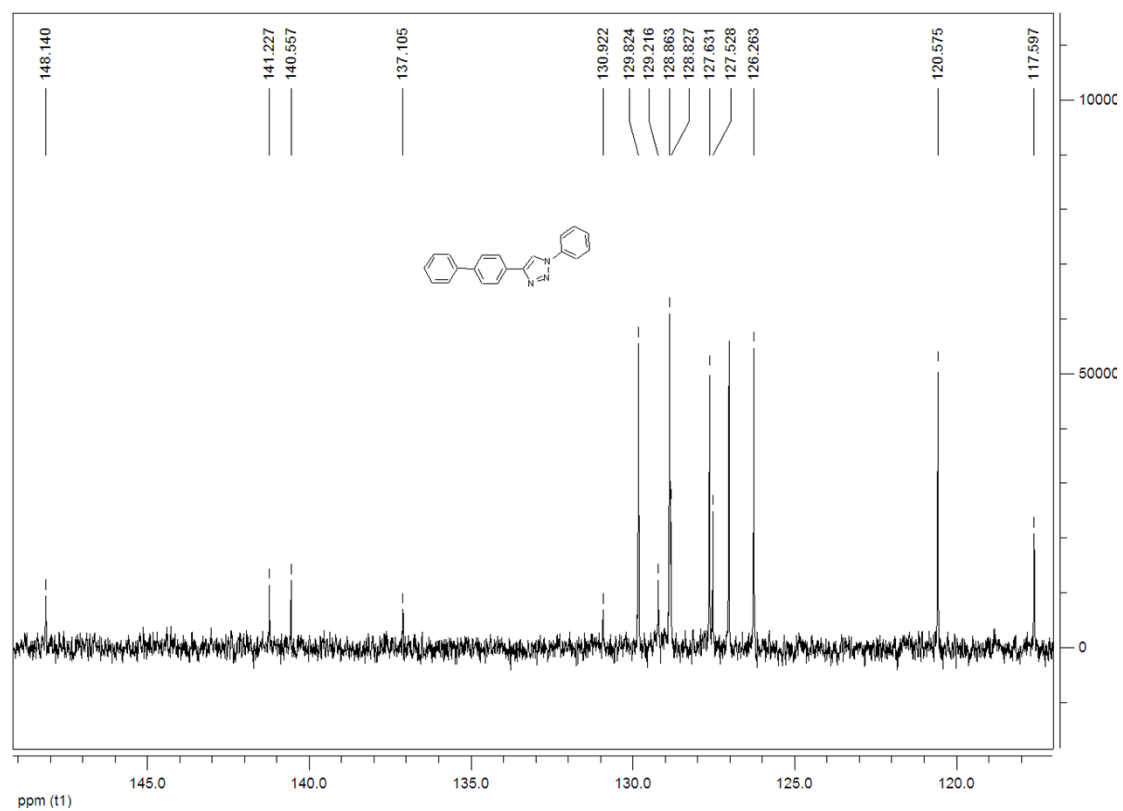
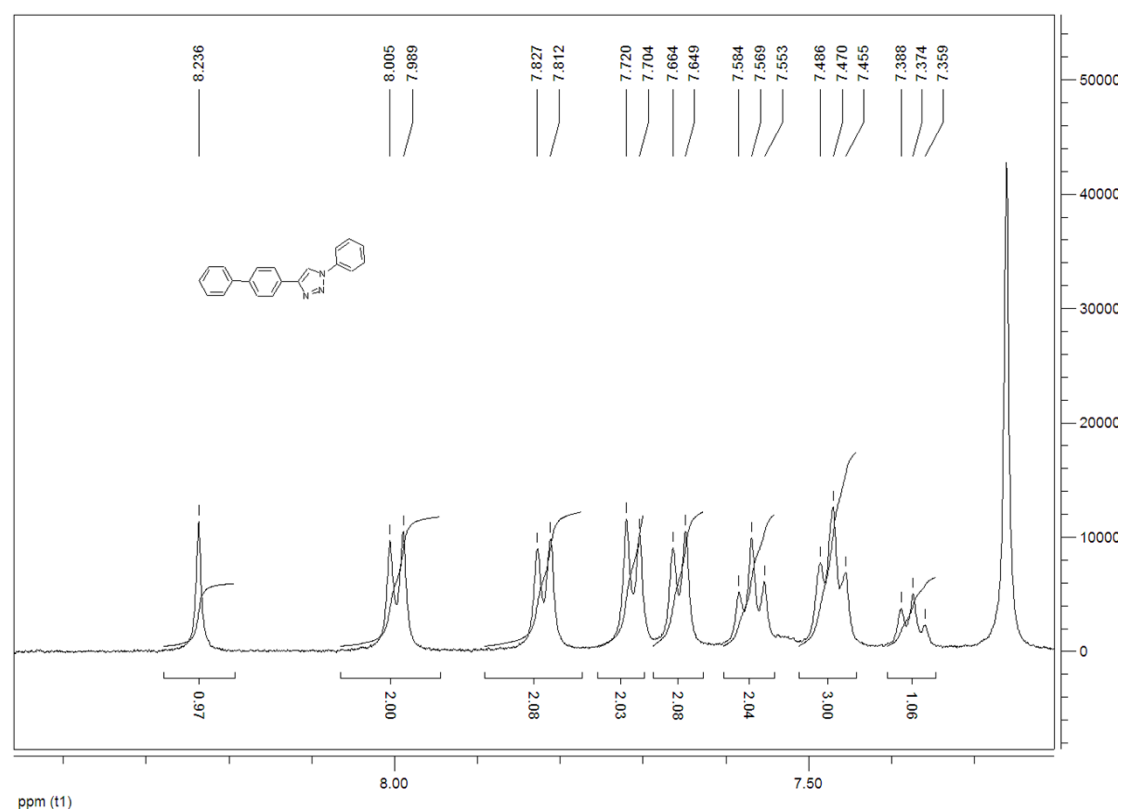
¹H NMR and ¹³C NMR of compound **8g**



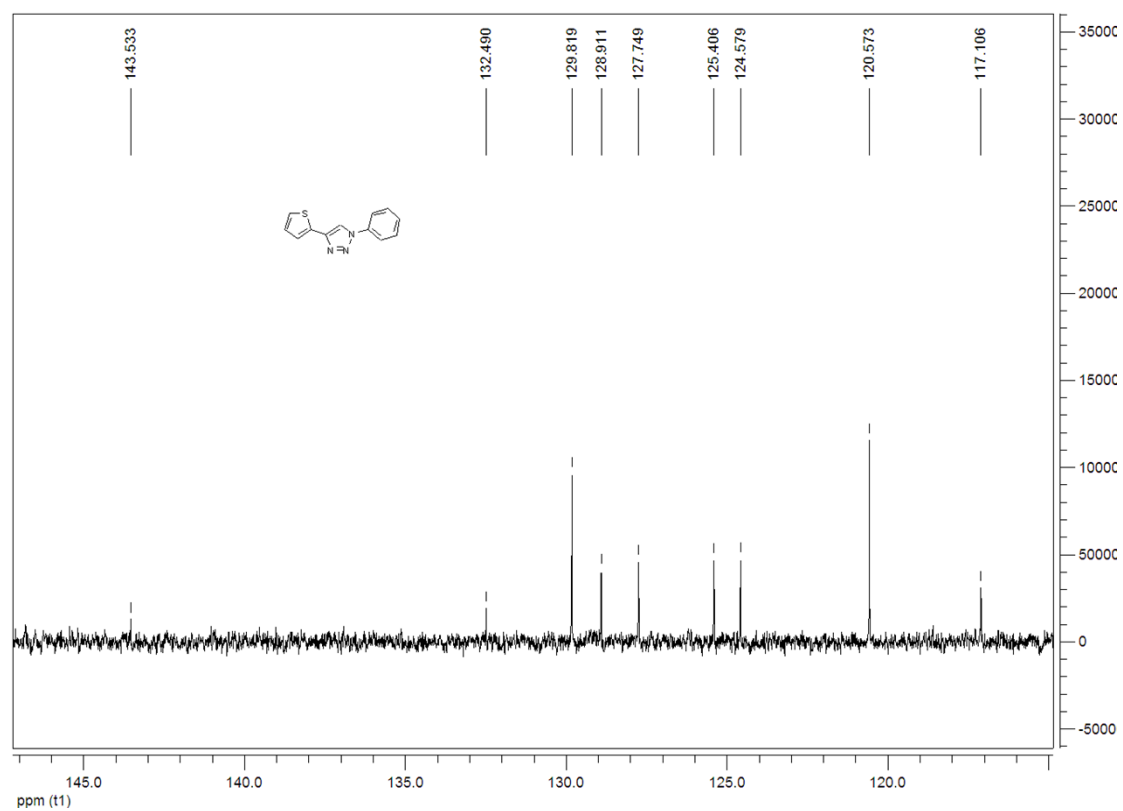
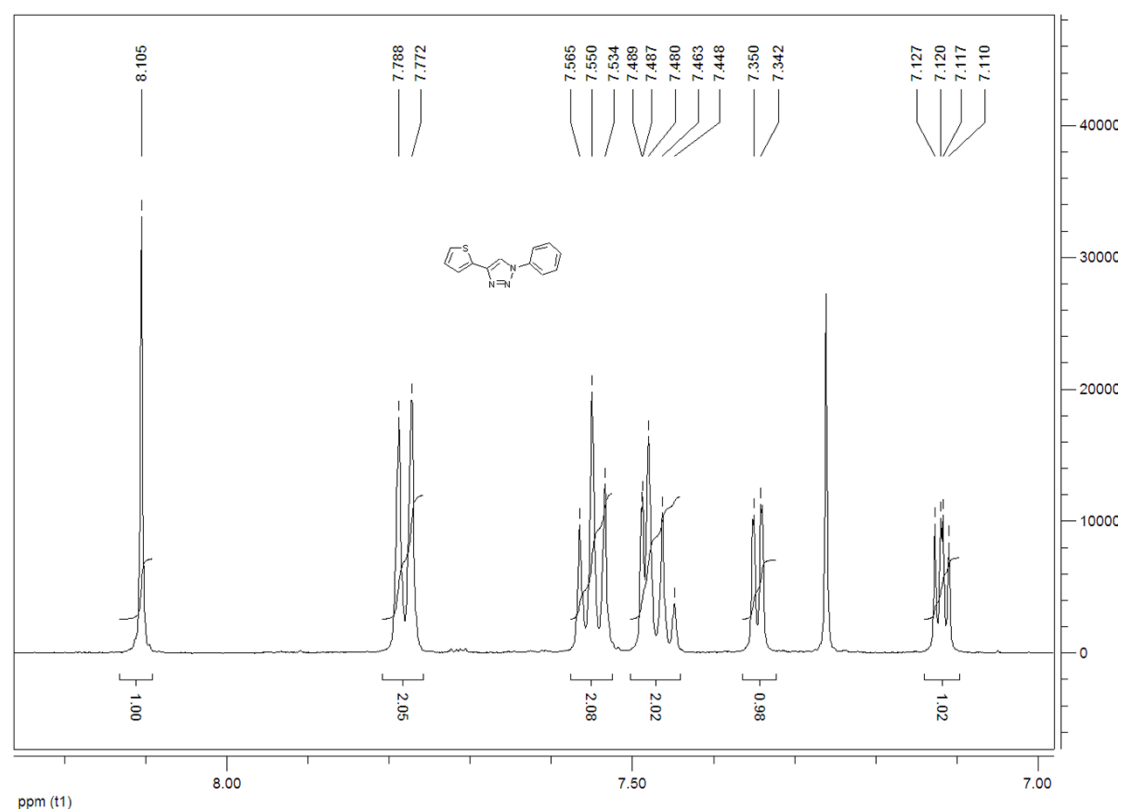
¹H NMR and ¹³C NMR of compound **8h**



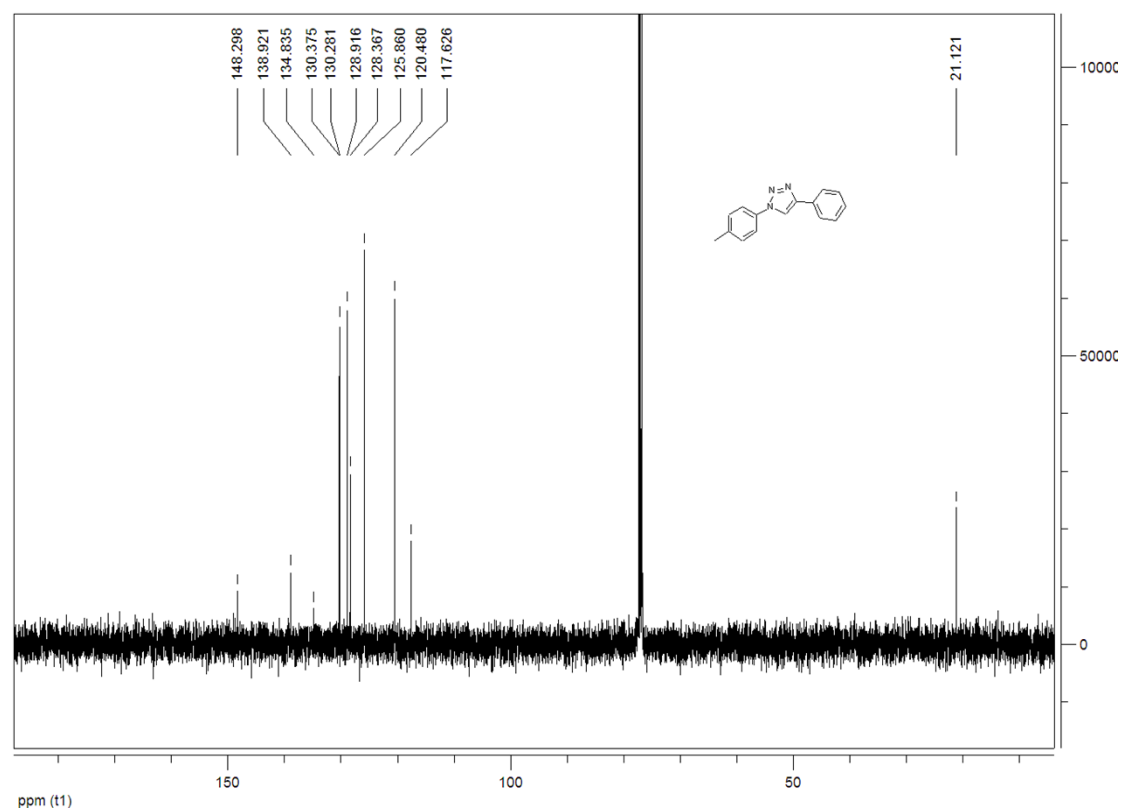
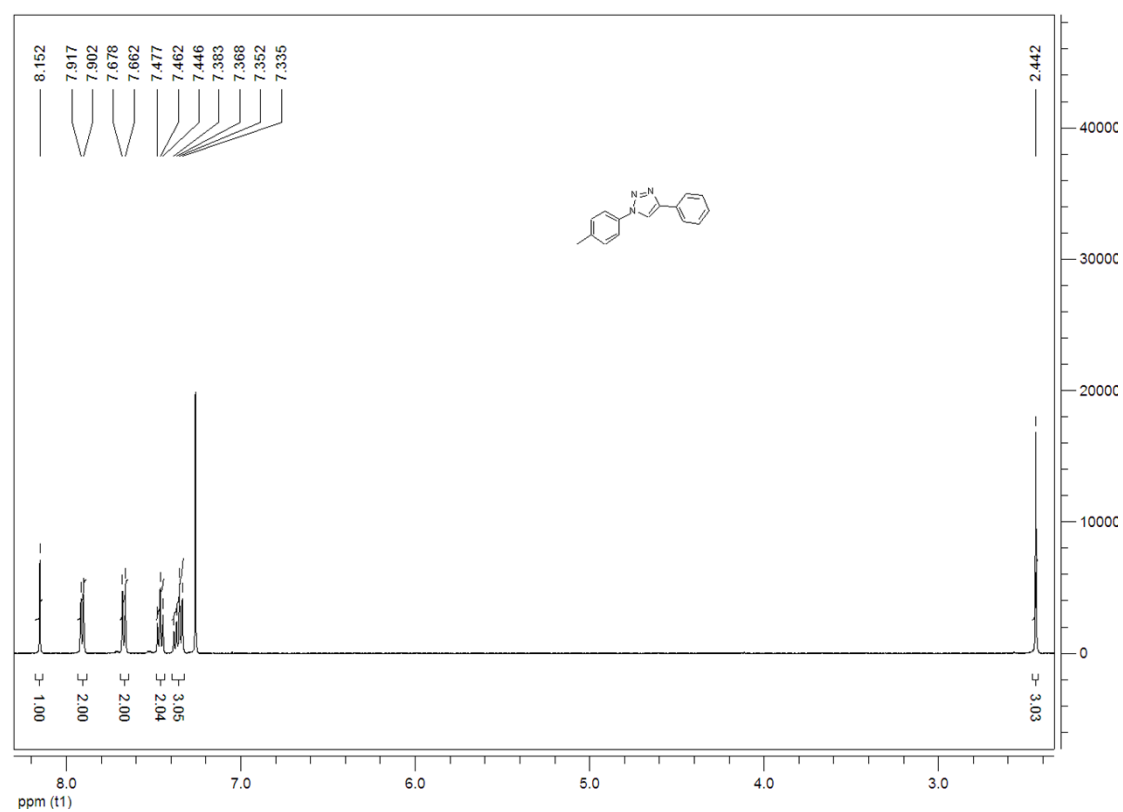
¹H NMR and ¹³C NMR of compound **8i**



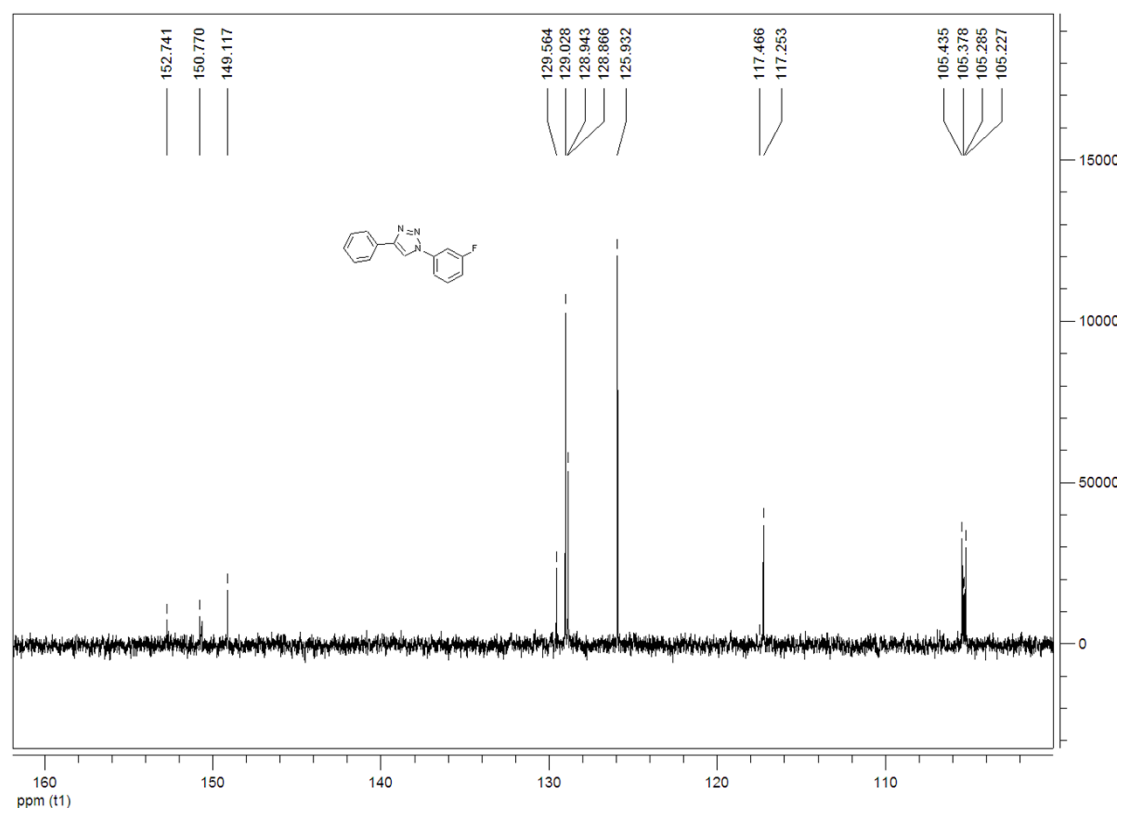
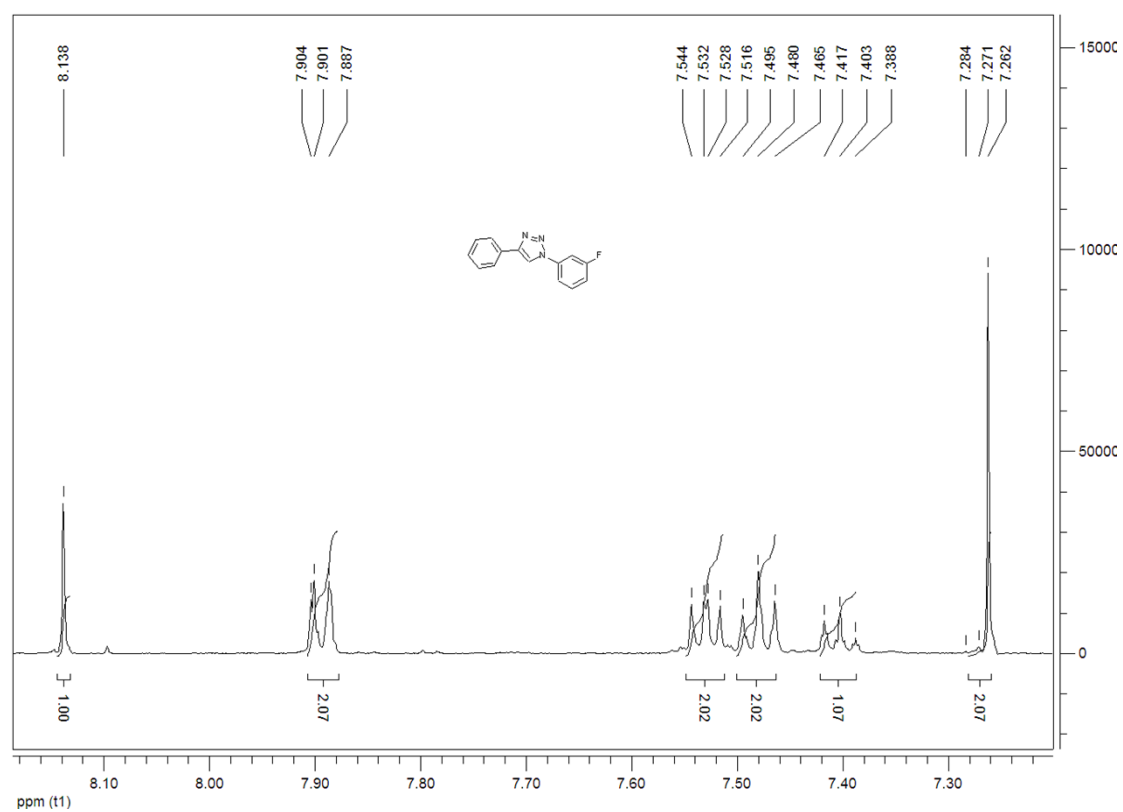
¹H NMR and ¹³C NMR of compound **8j**



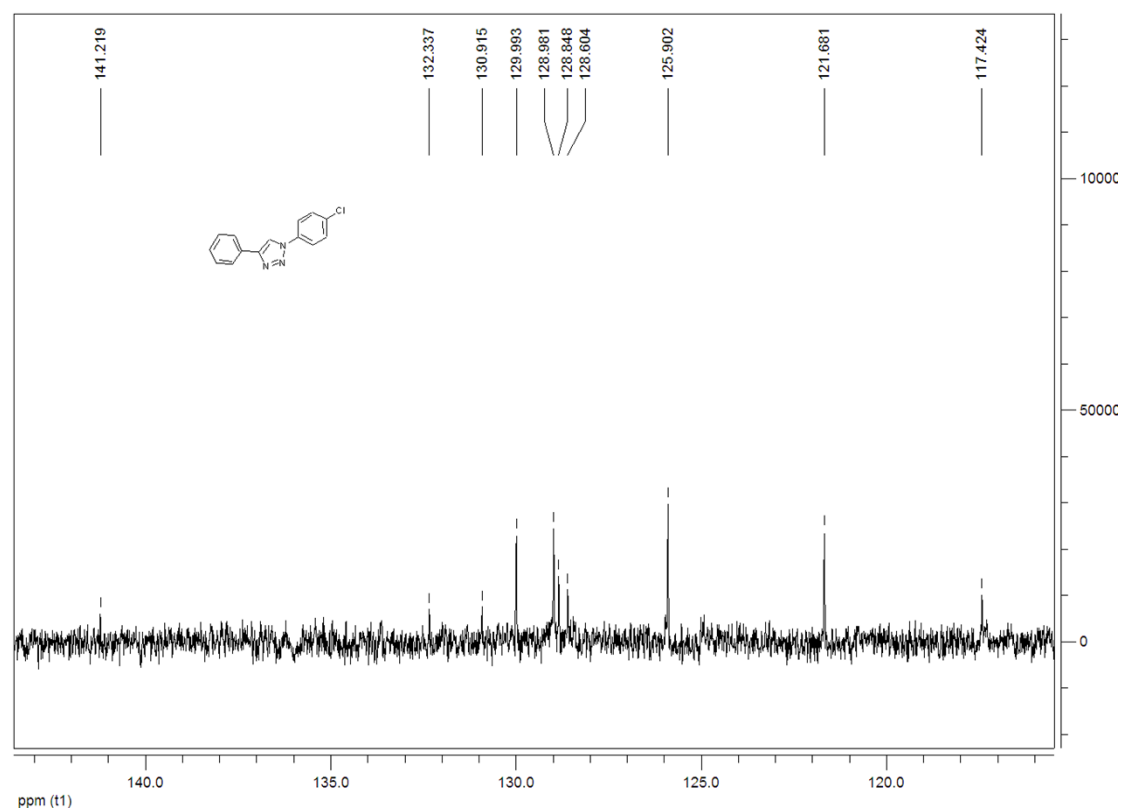
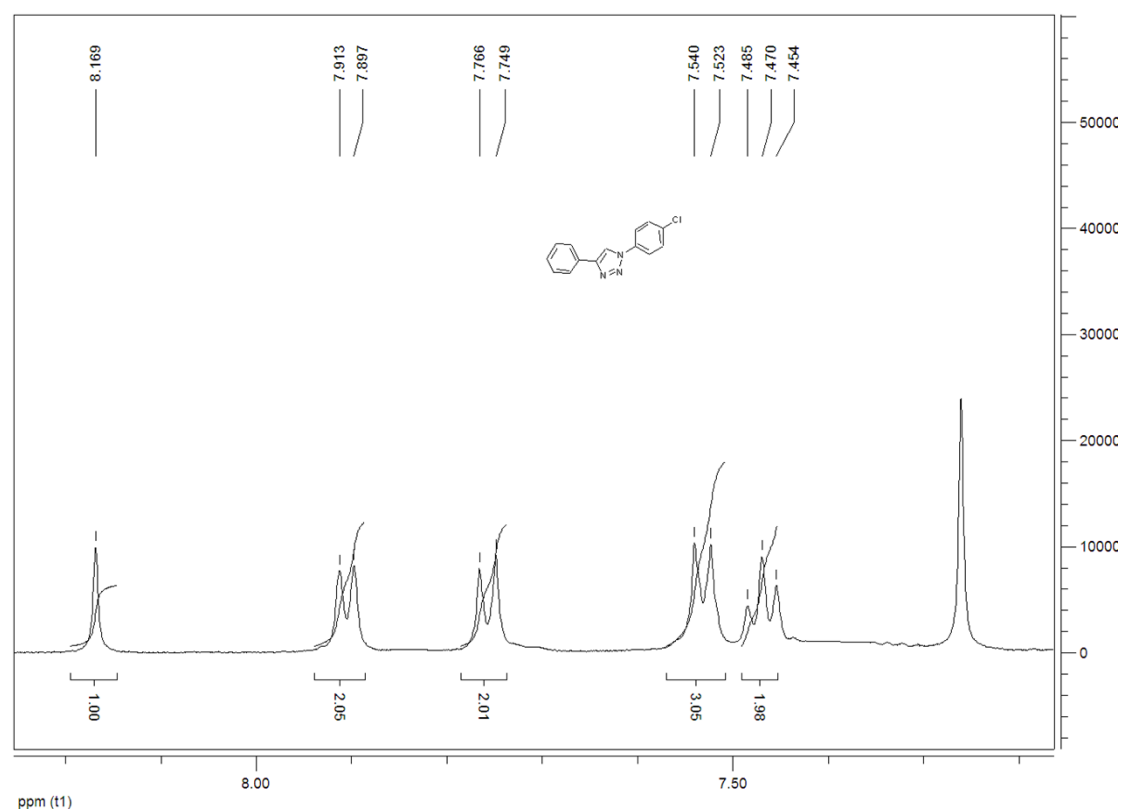
^1H NMR and ^{13}C NMR of compound **8k**



^1H NMR and ^{13}C NMR of compound **81**



^1H NMR and ^{13}C NMR of compound **8m**



¹H NMR and ¹³C NMR of compound **8n**

