

Anti-inflammatory activities of new lathyrane diterpenoid hybrids through NF- κ B signal pathway and autophagy

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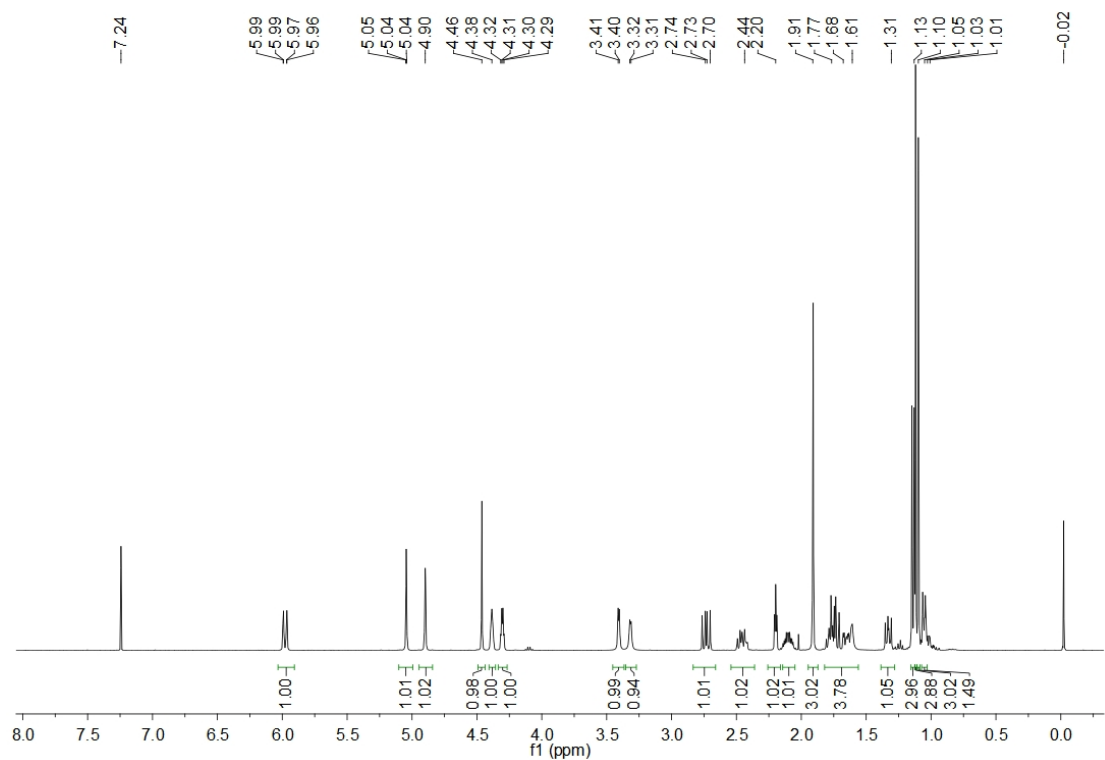
- . Copies of ^1H -NMR spectra of lathyrol and epoxyathyrol

- . Copies of ^1H -NMR spectra of compounds **2, 4, 6a-g, 6d2, 6d3, 6d5, 11 and 12**

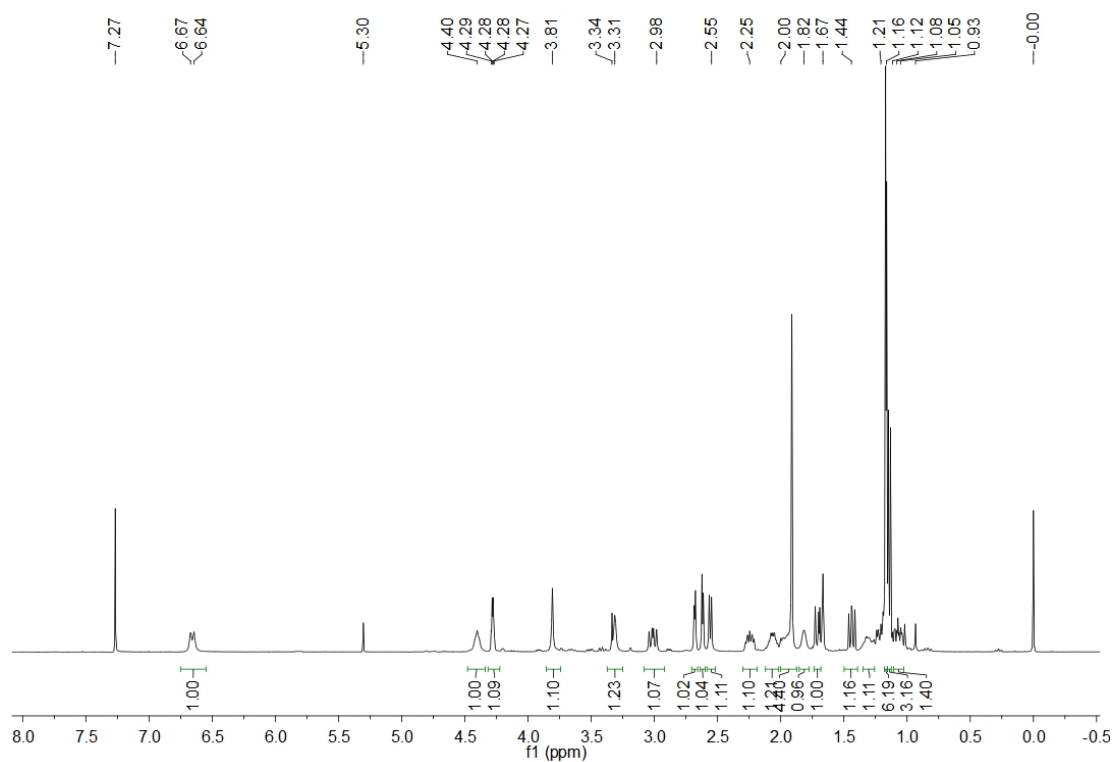
- . Copies of ^1H -NMR, ^{13}C -NMR and HMBC spectra of compounds **6h-j**

- . Copies of ^1H -NMR and ^{13}C -NMR spectra of compounds **7a-g, 8a-f, 7d1-d4, 8d1-d4, and 8h-j**

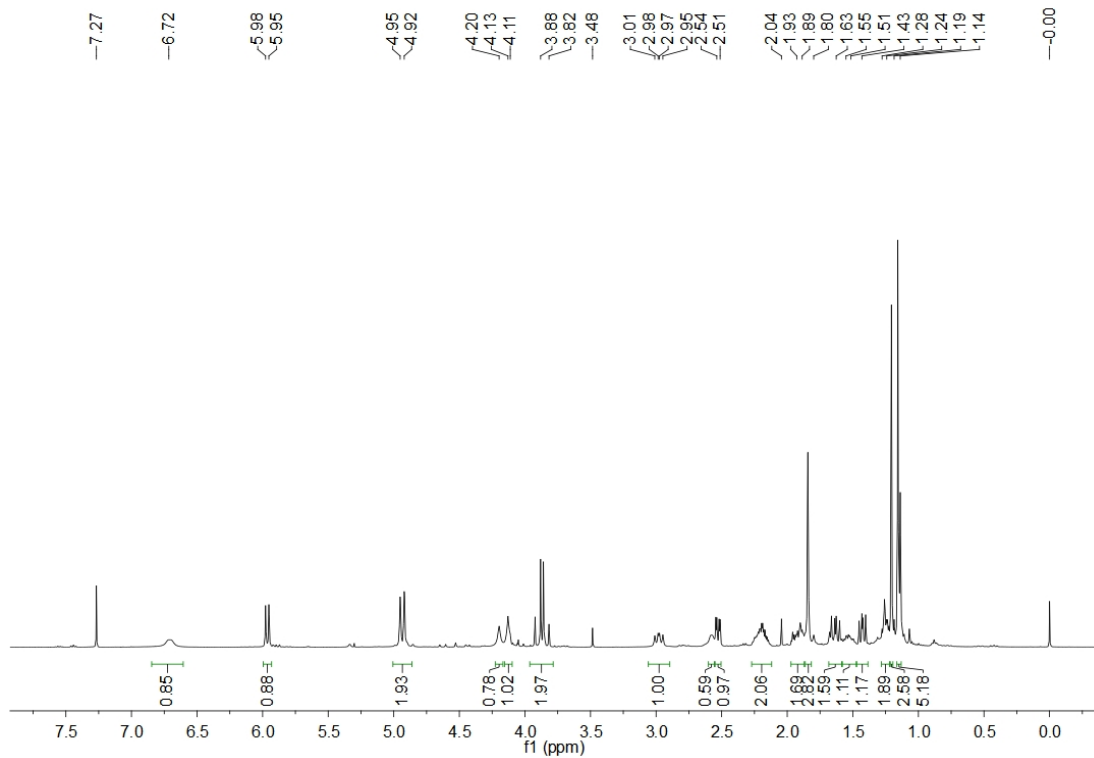
- . Copies of HR-MS spectra of compounds **7a-g, 8a-f, 7d1-d4, 8d1-d4, and 8h-j**



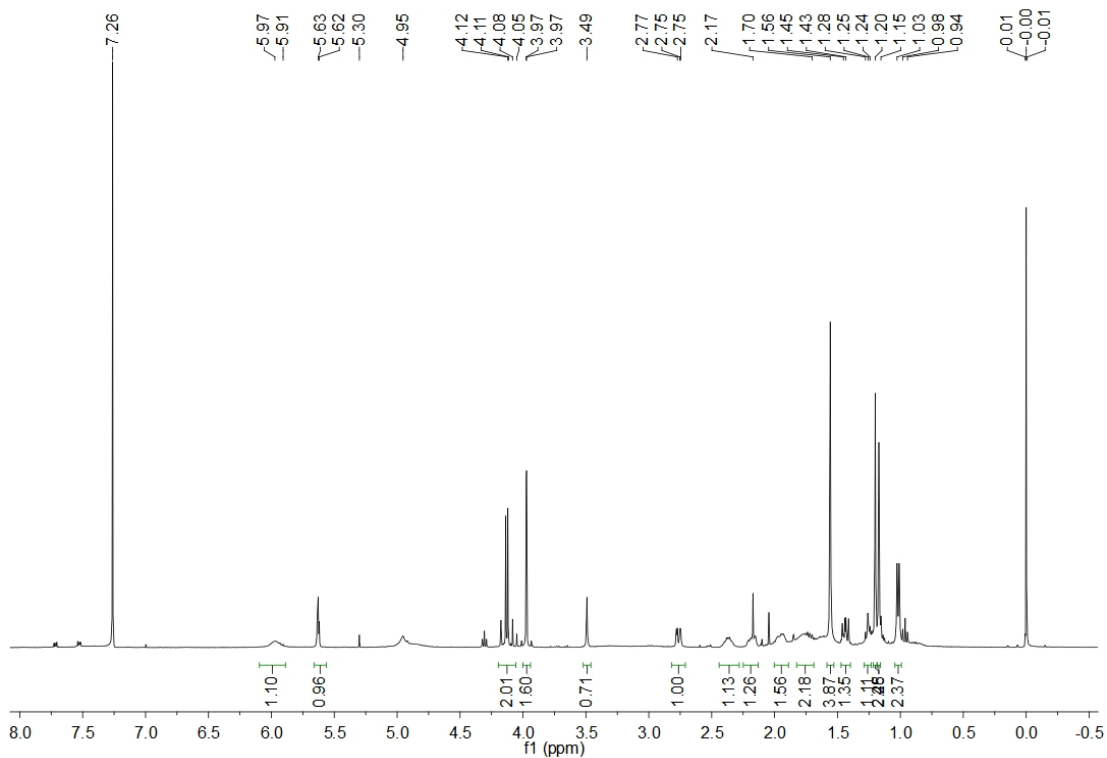
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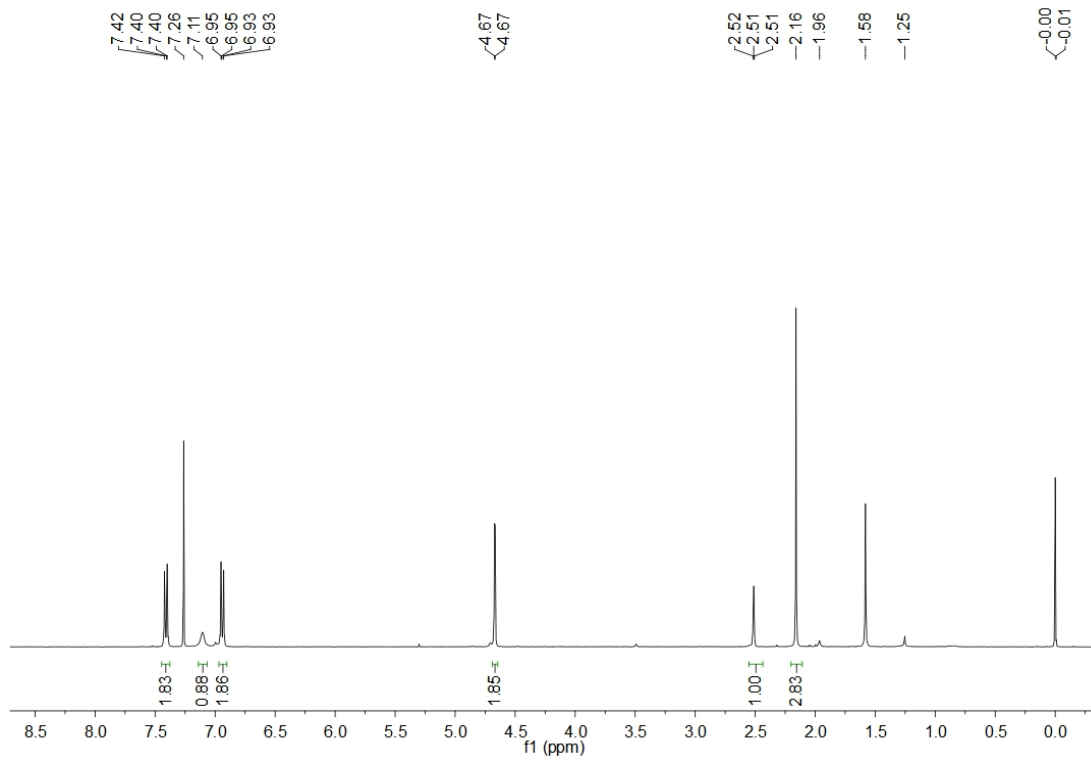
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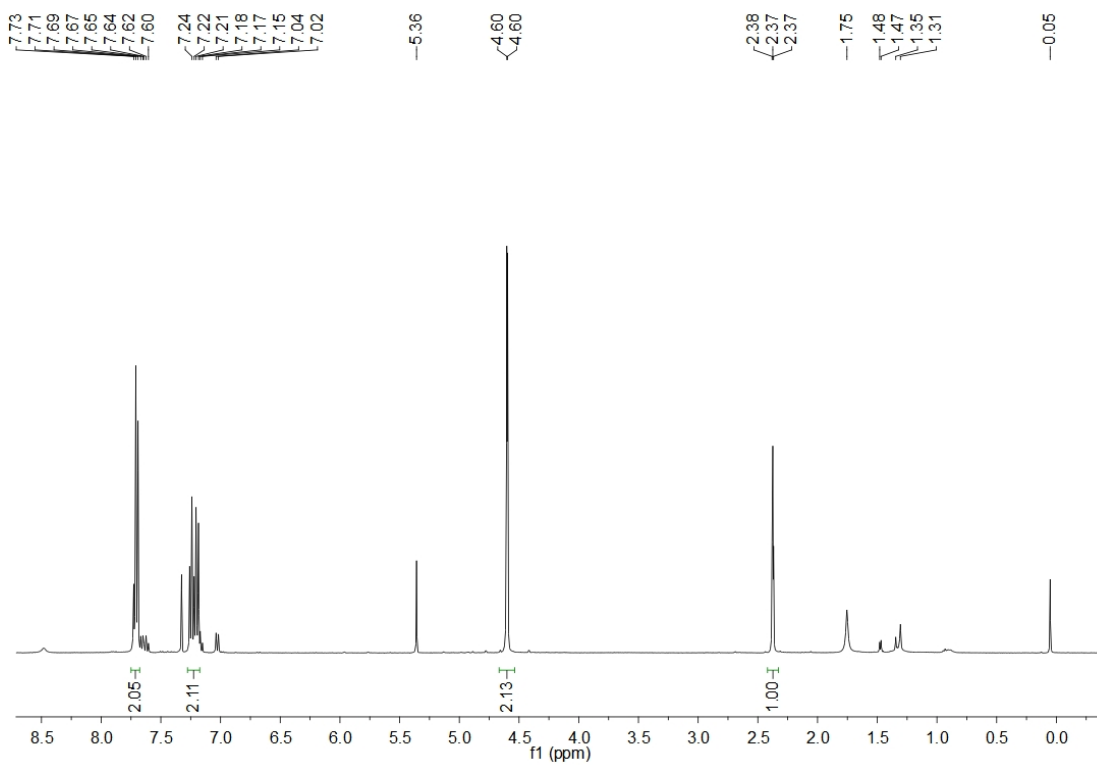
¹H-NMR of compound 2



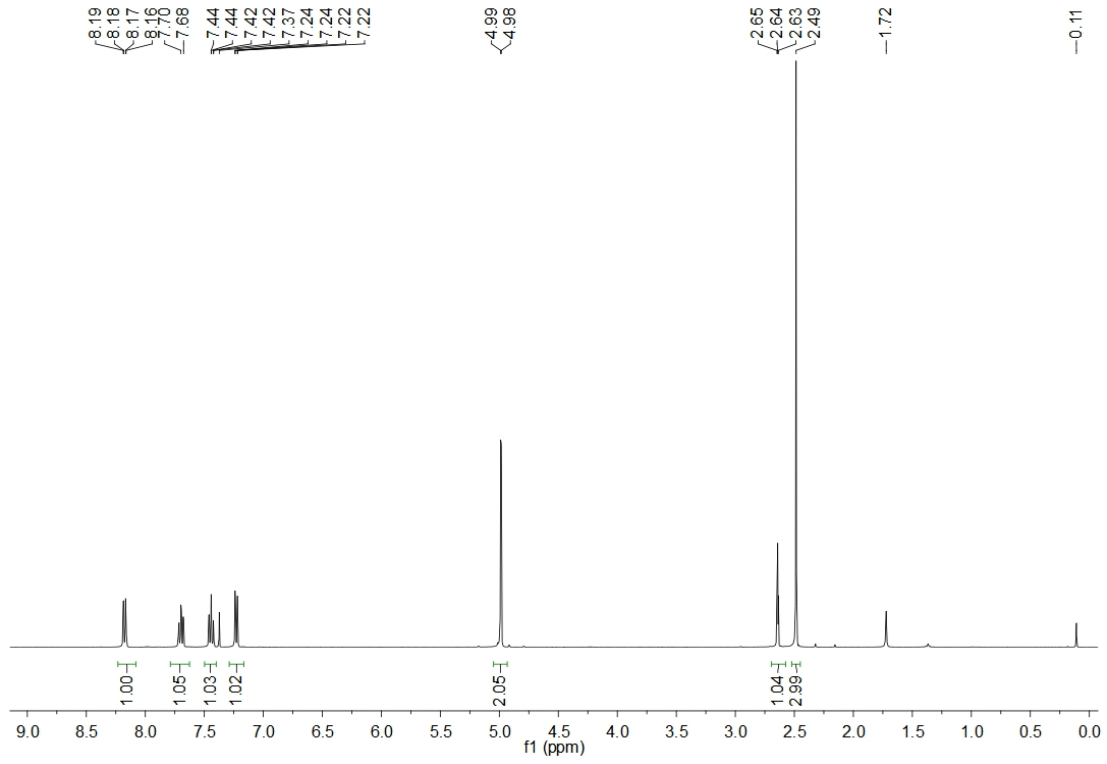
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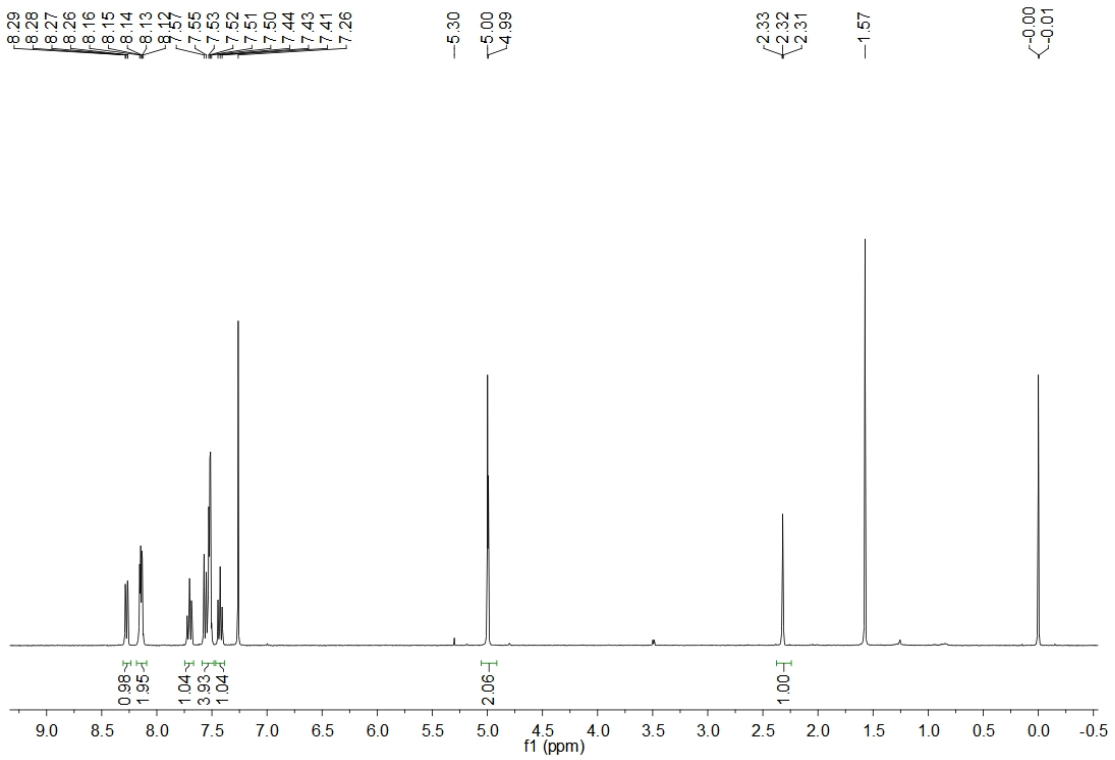
¹H-NMR of compound **6a**



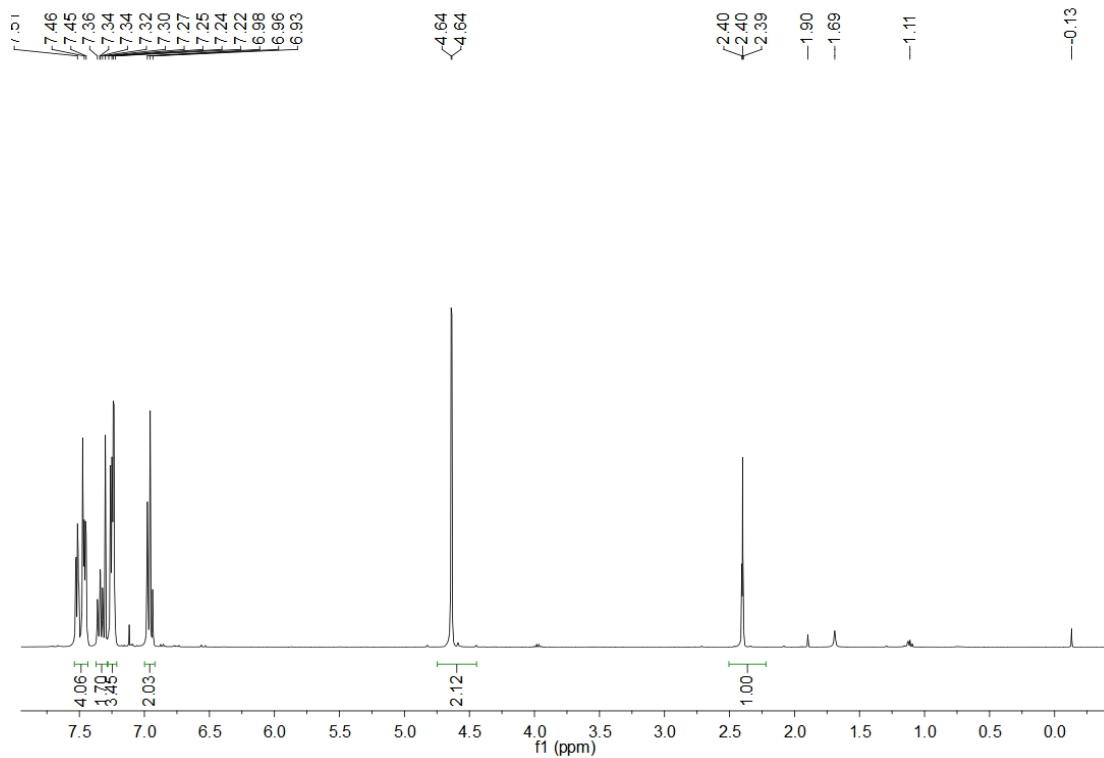
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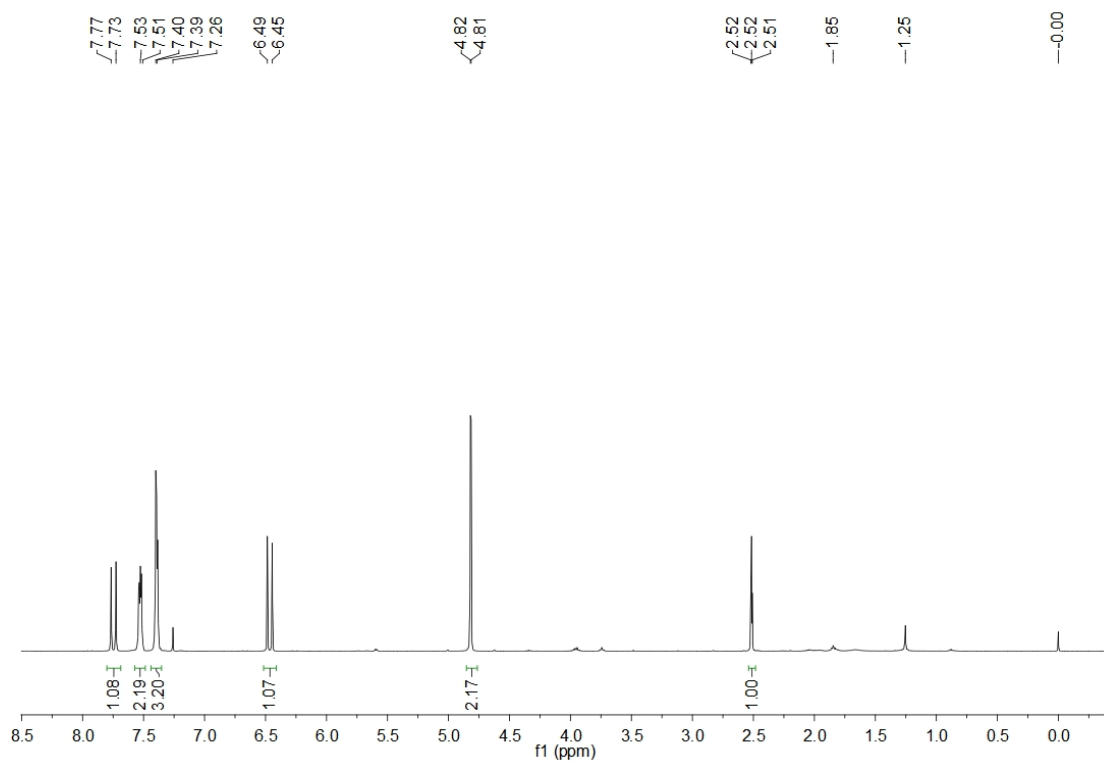
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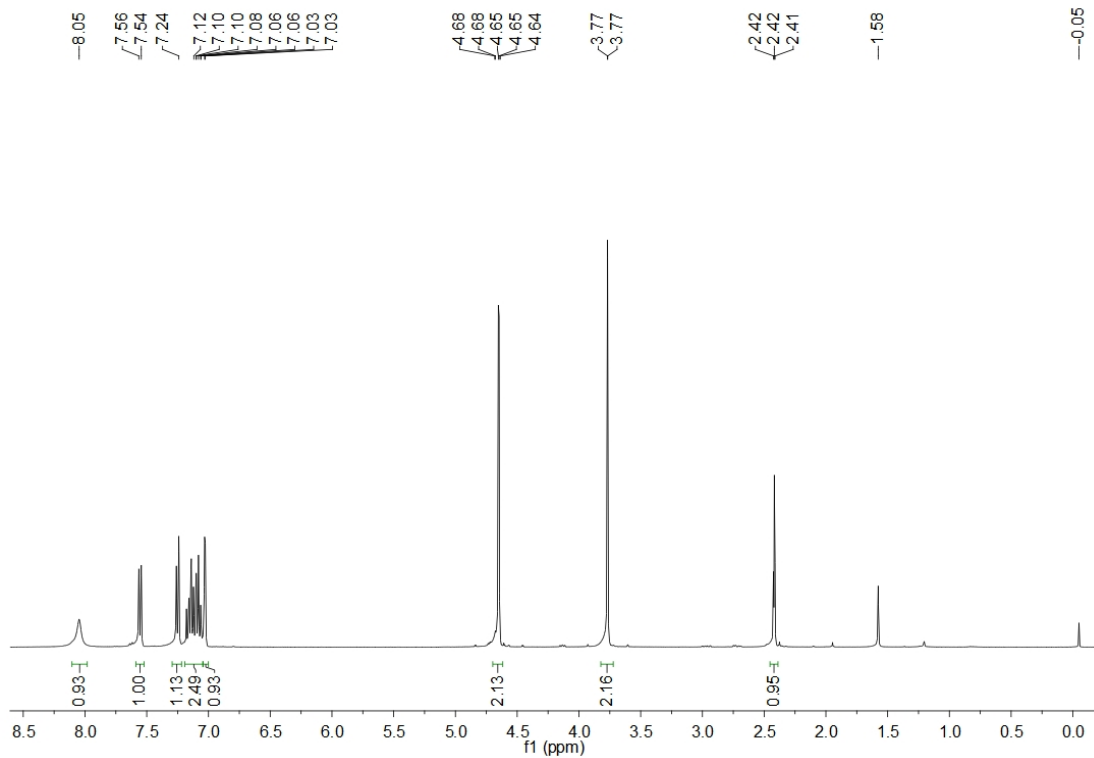
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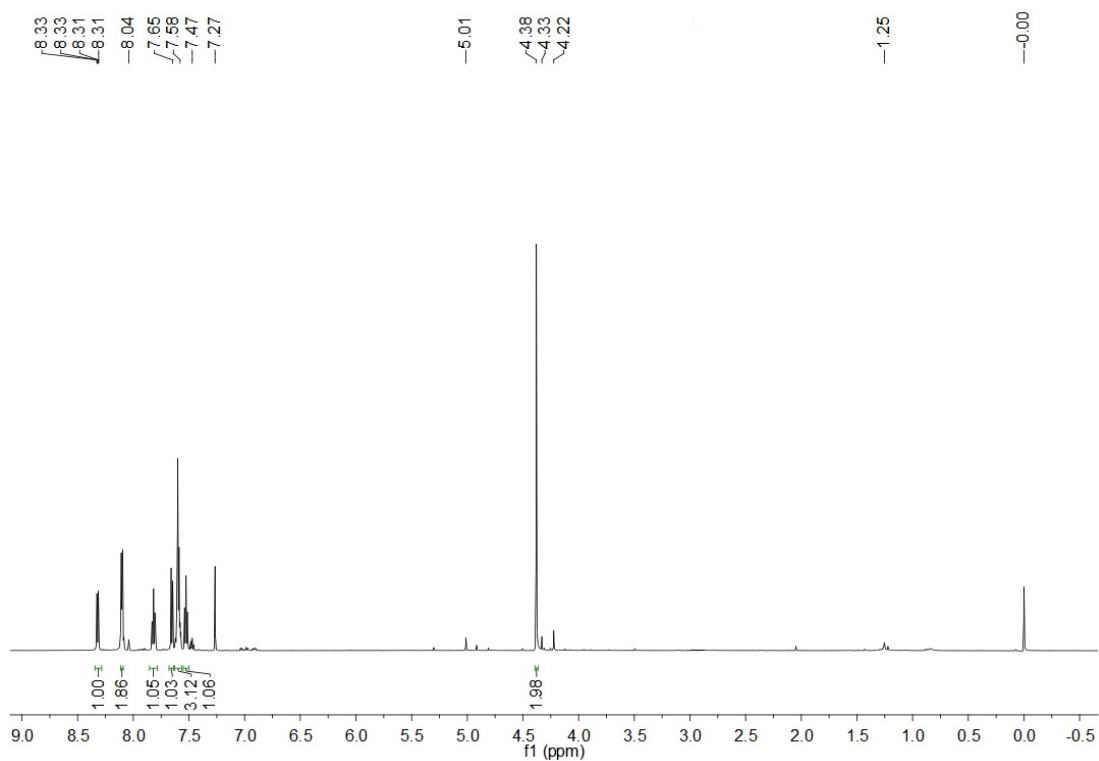
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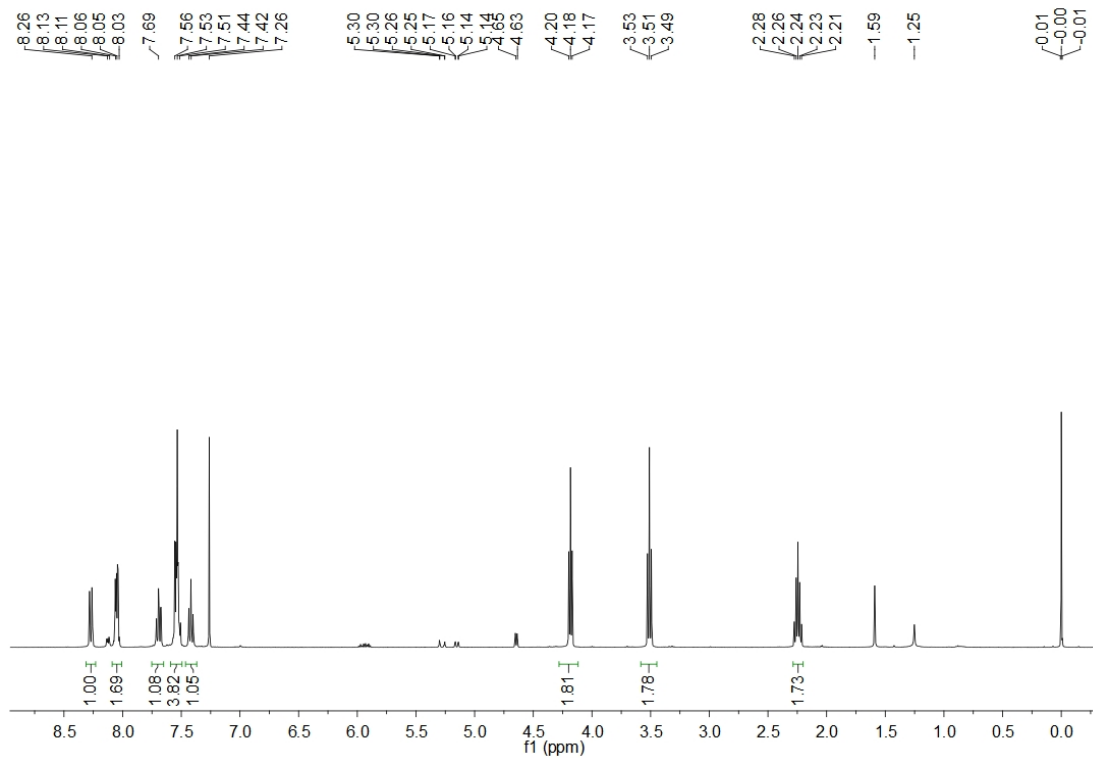
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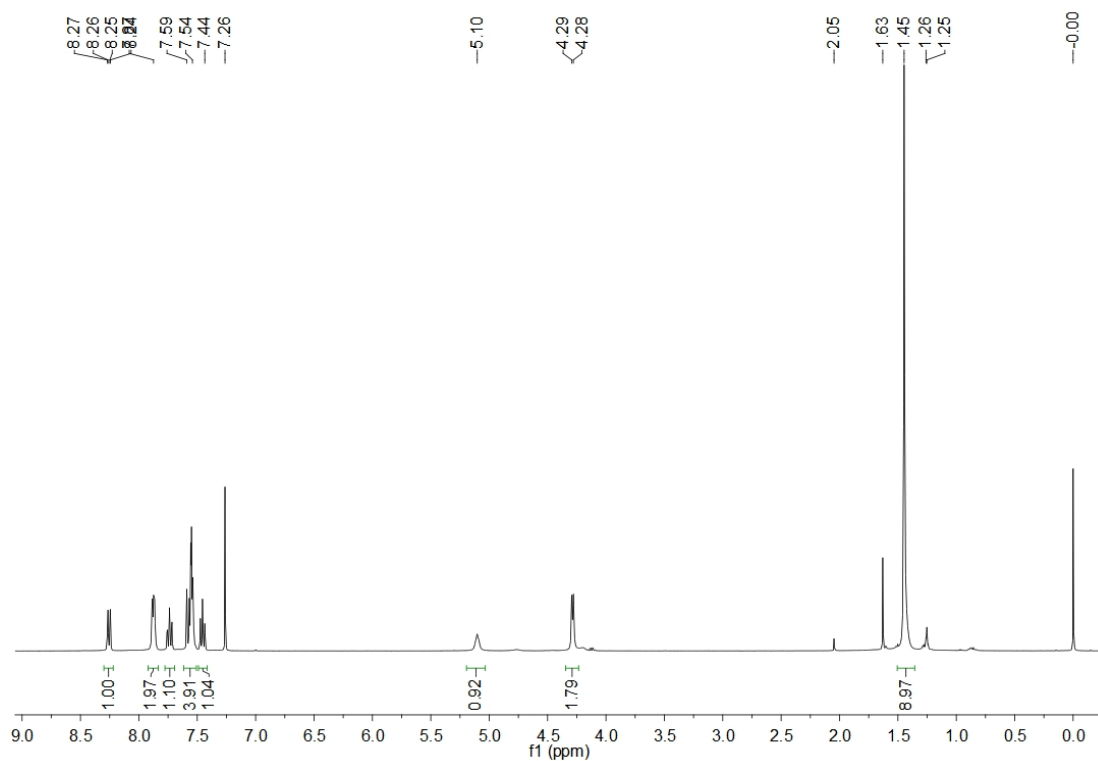
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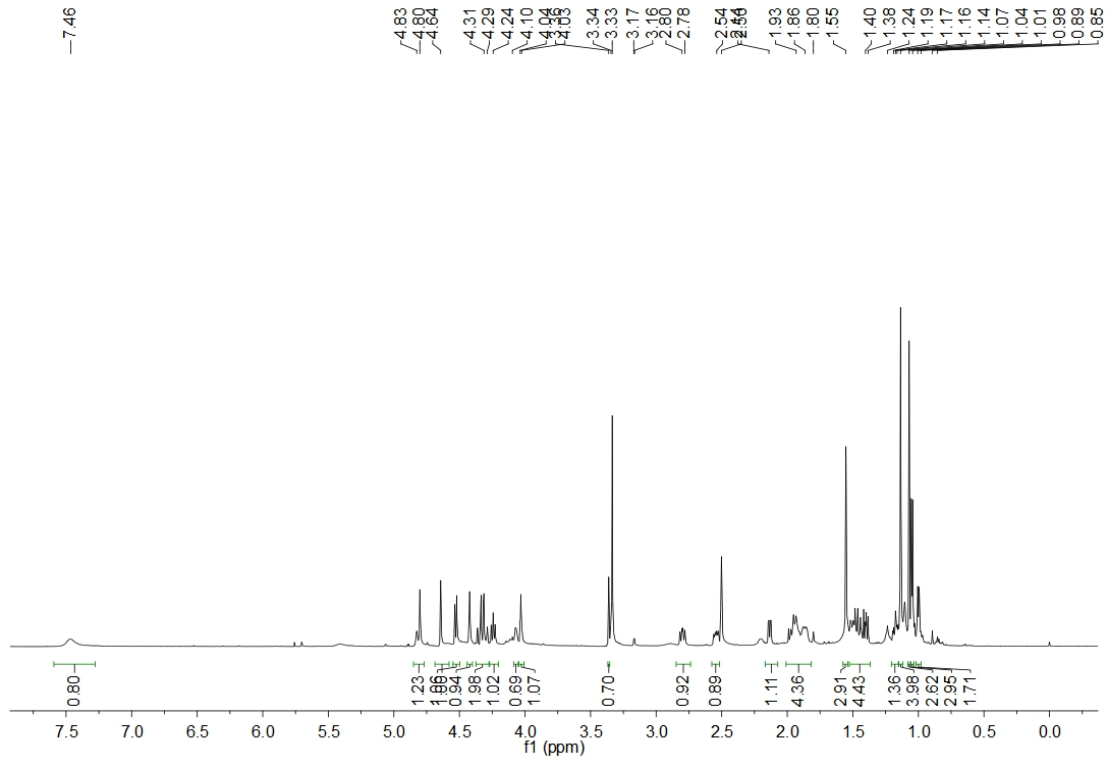
¹H-NMR of compound **6d2**



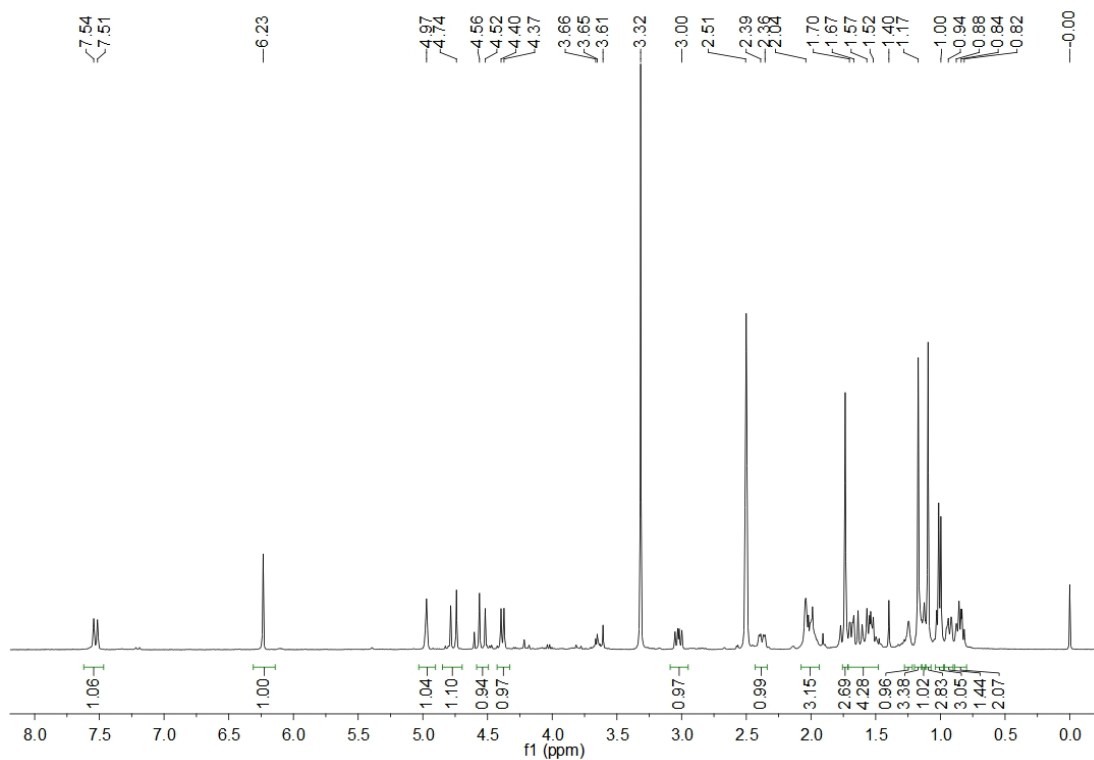
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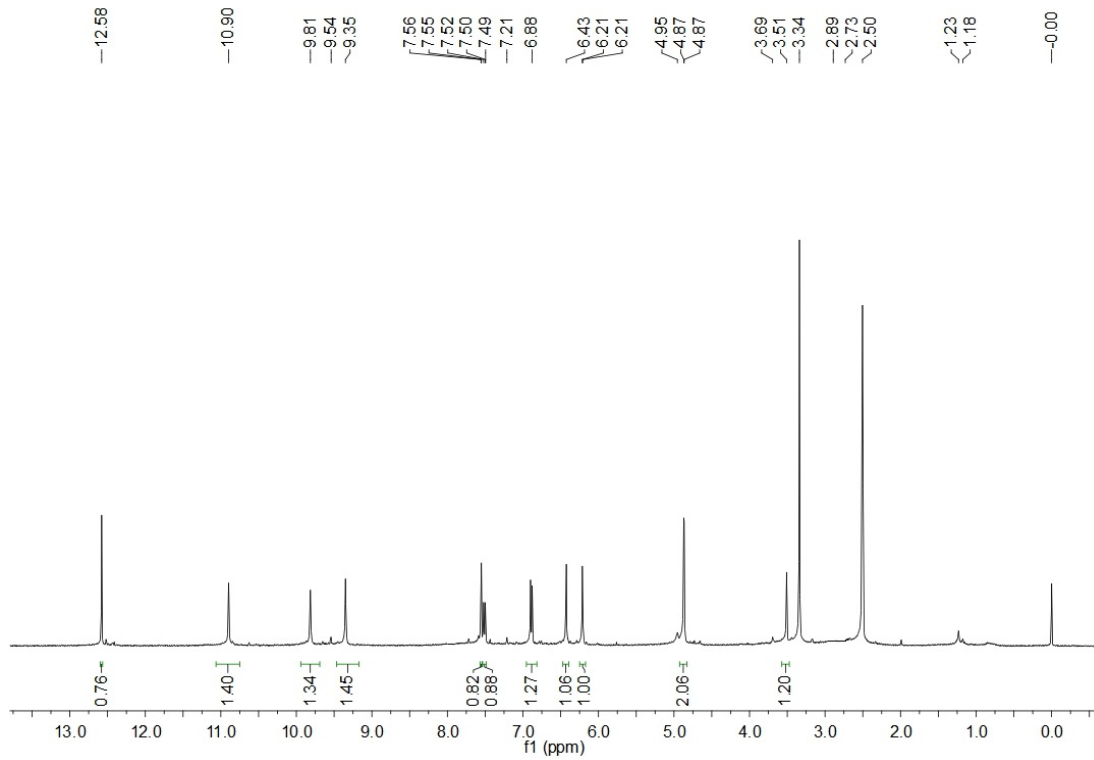
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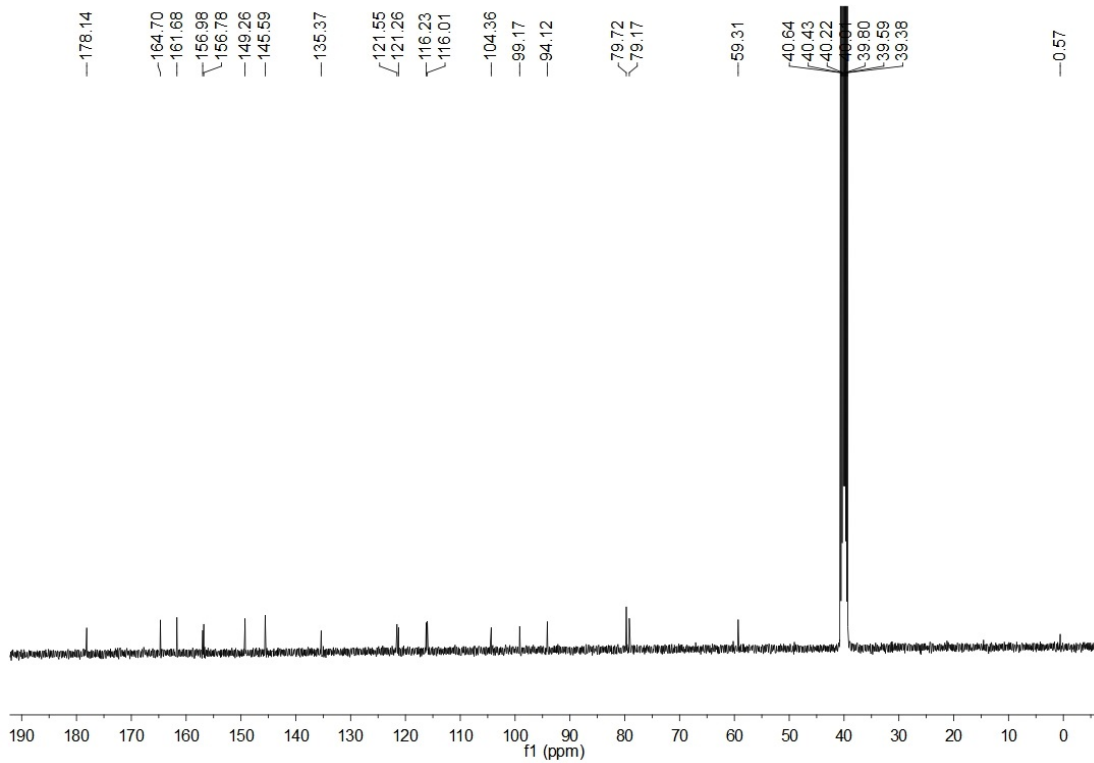
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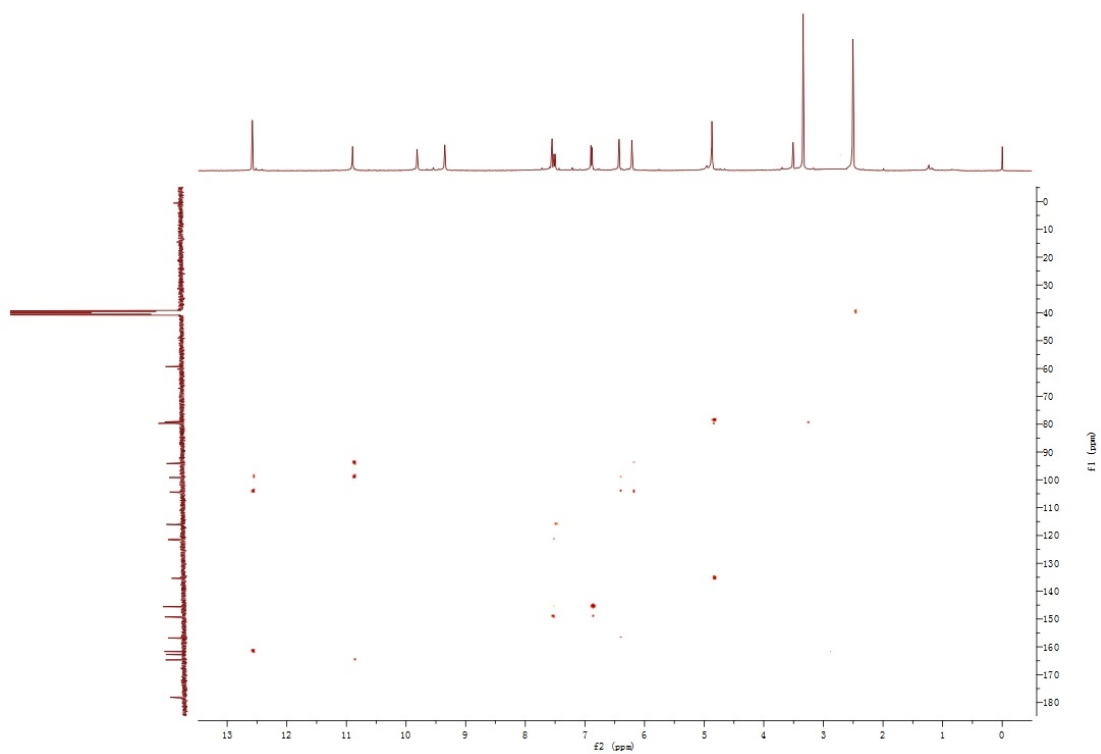
¹H-NMR of compound 12



¹H-NMR of compound **6h**

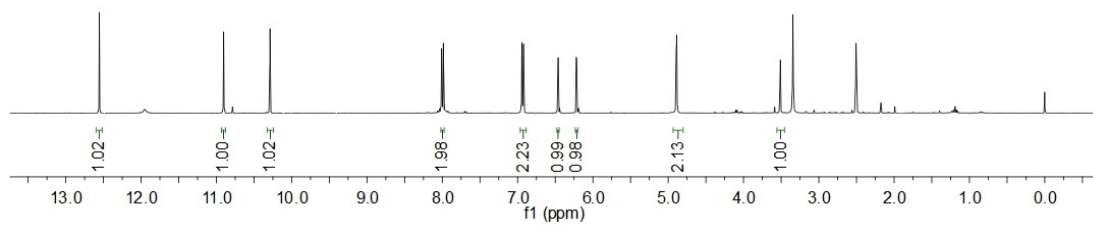


¹³C-NMR of compound **6h**

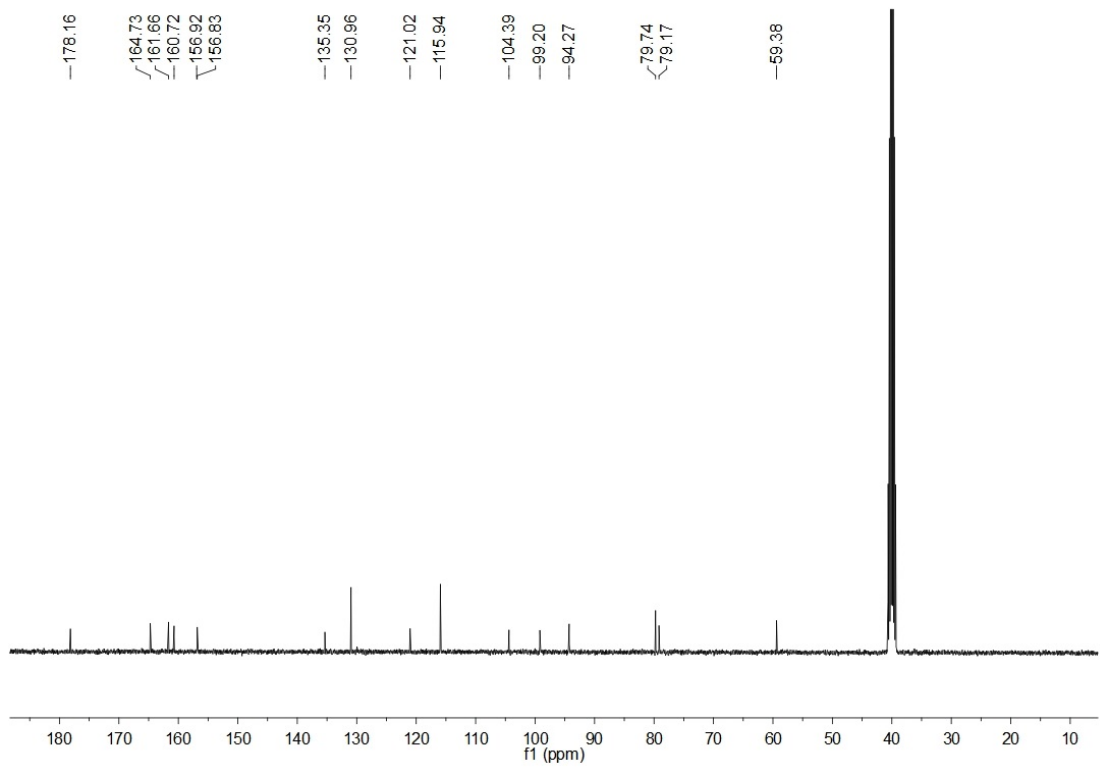


HMBC of compound **6h**

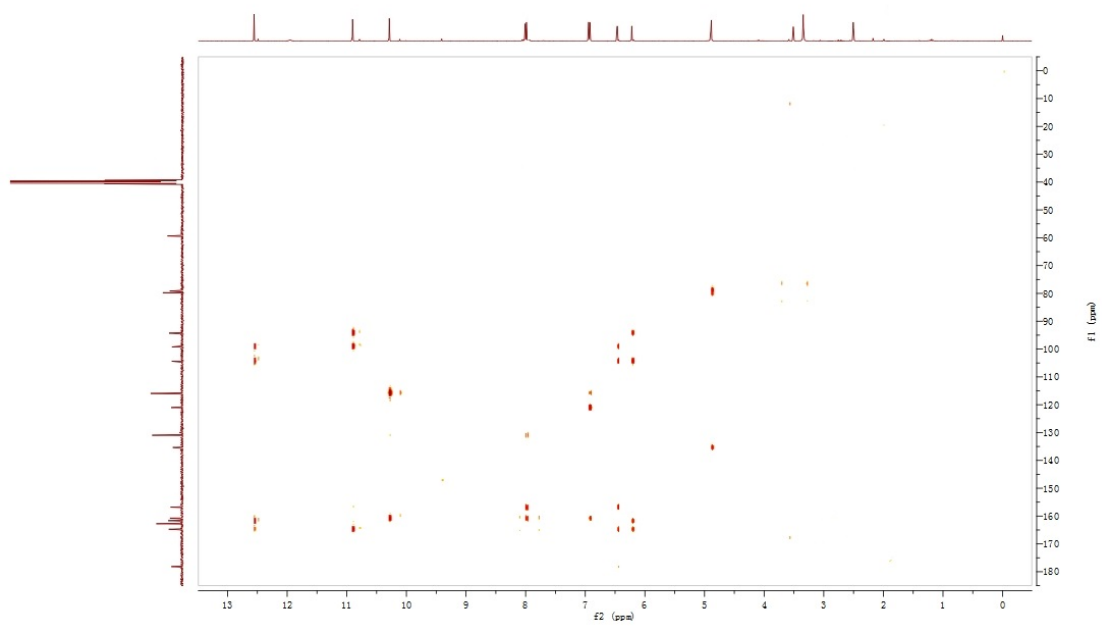
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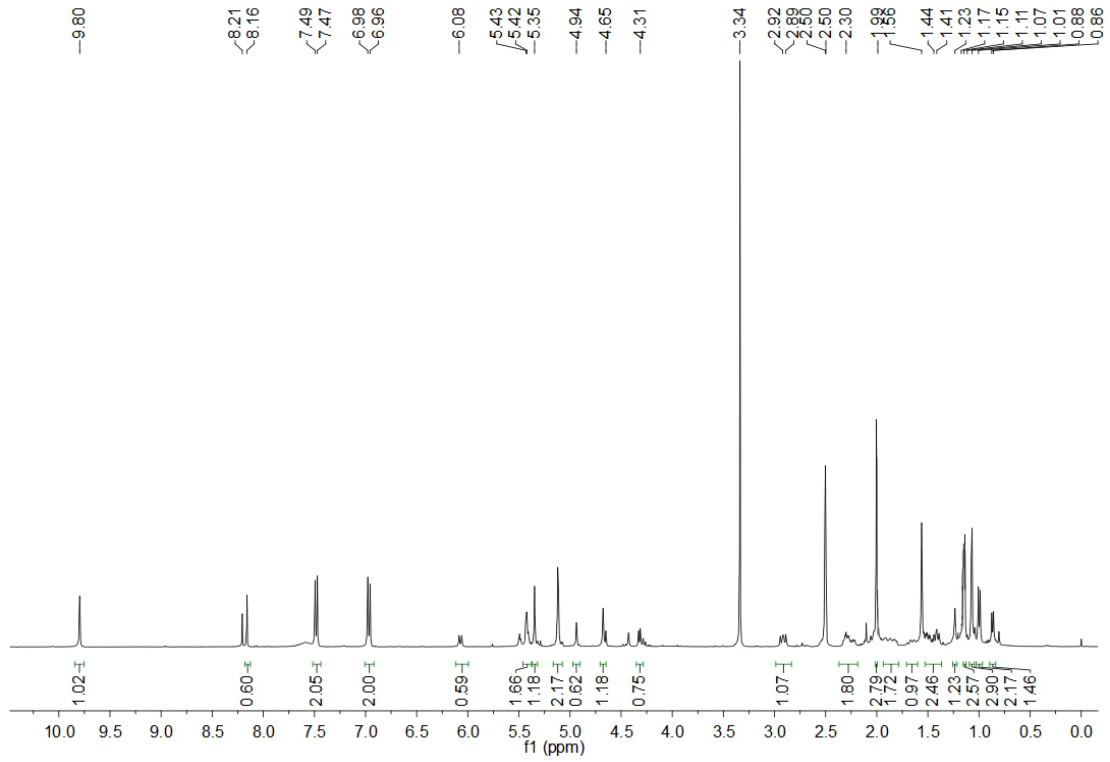
$^1\text{H-NMR}$ of compound **6i**



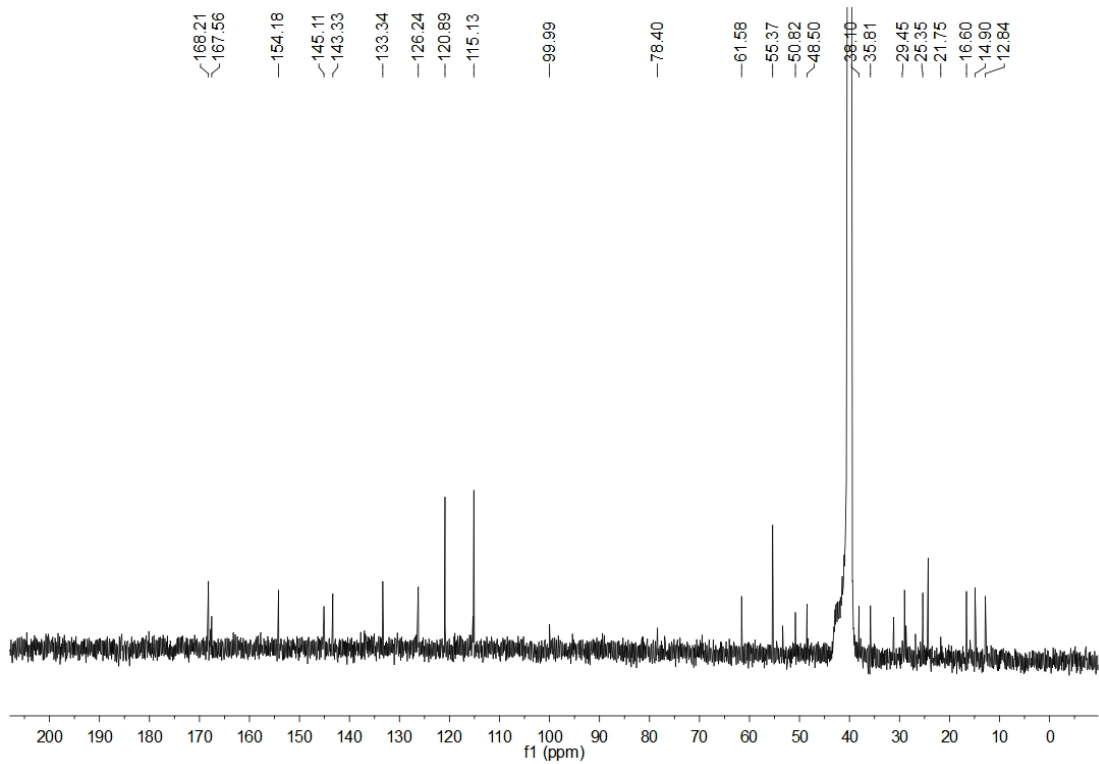
^{13}C -NMR of compound **6i**



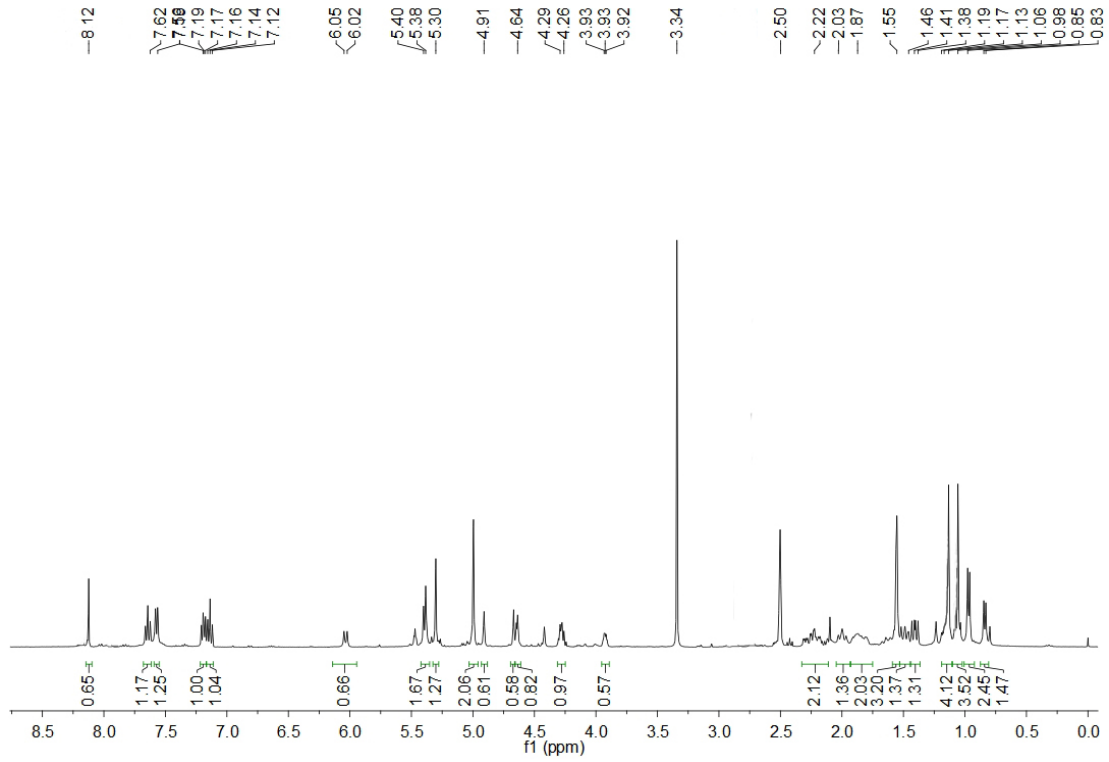
HMBC of compound **6i**



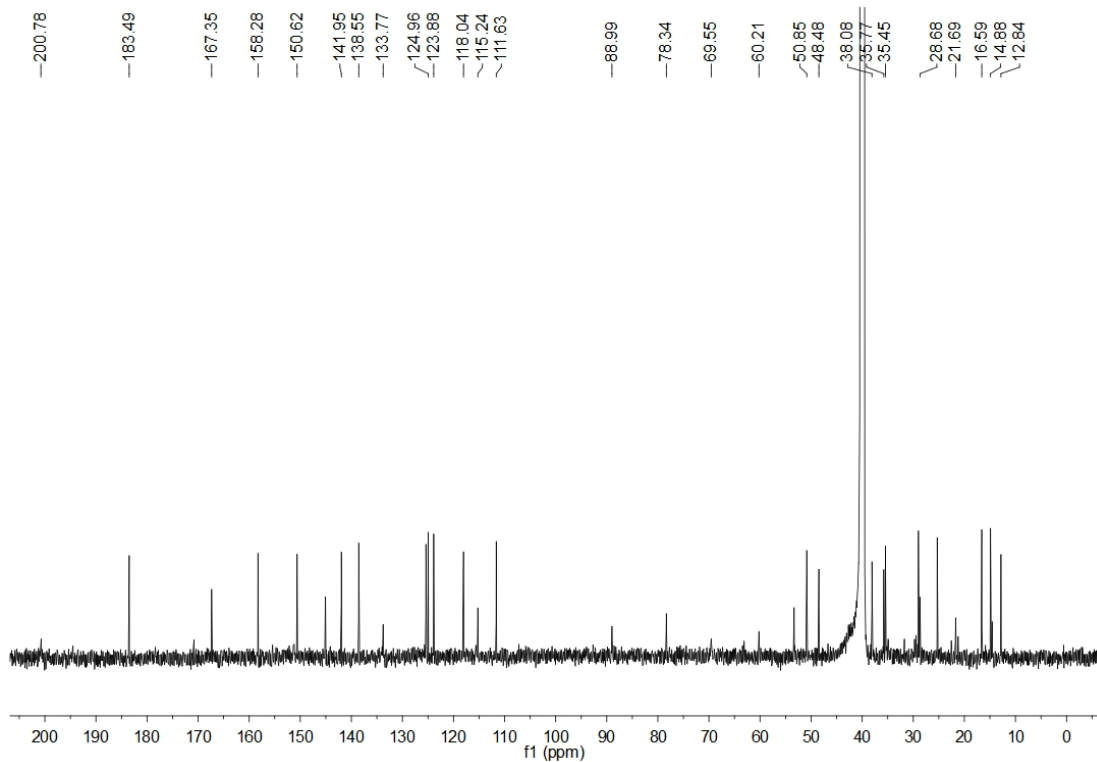
¹H-NMR of compound **7a**



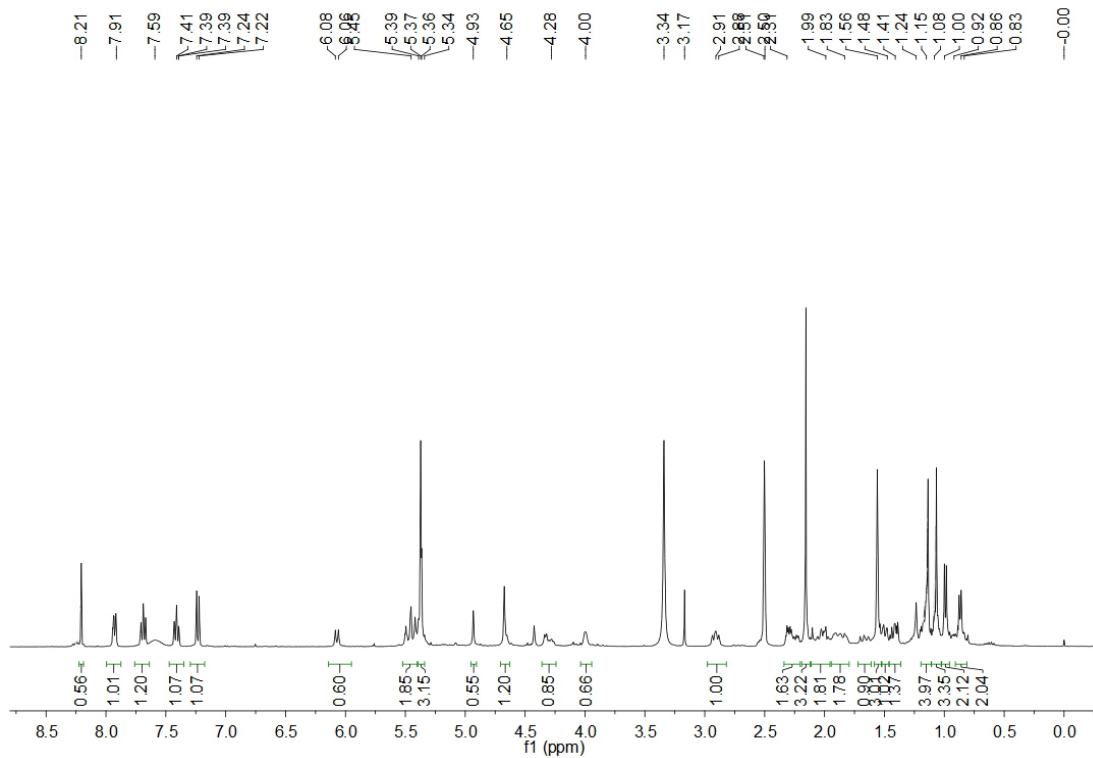
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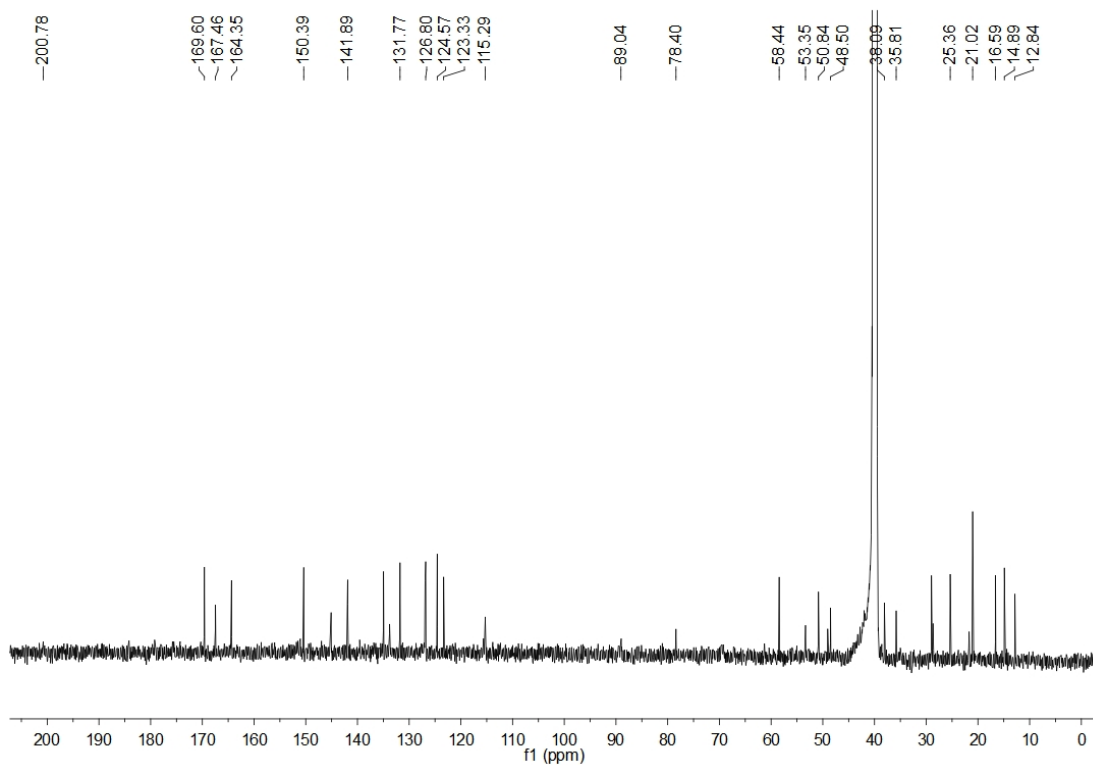
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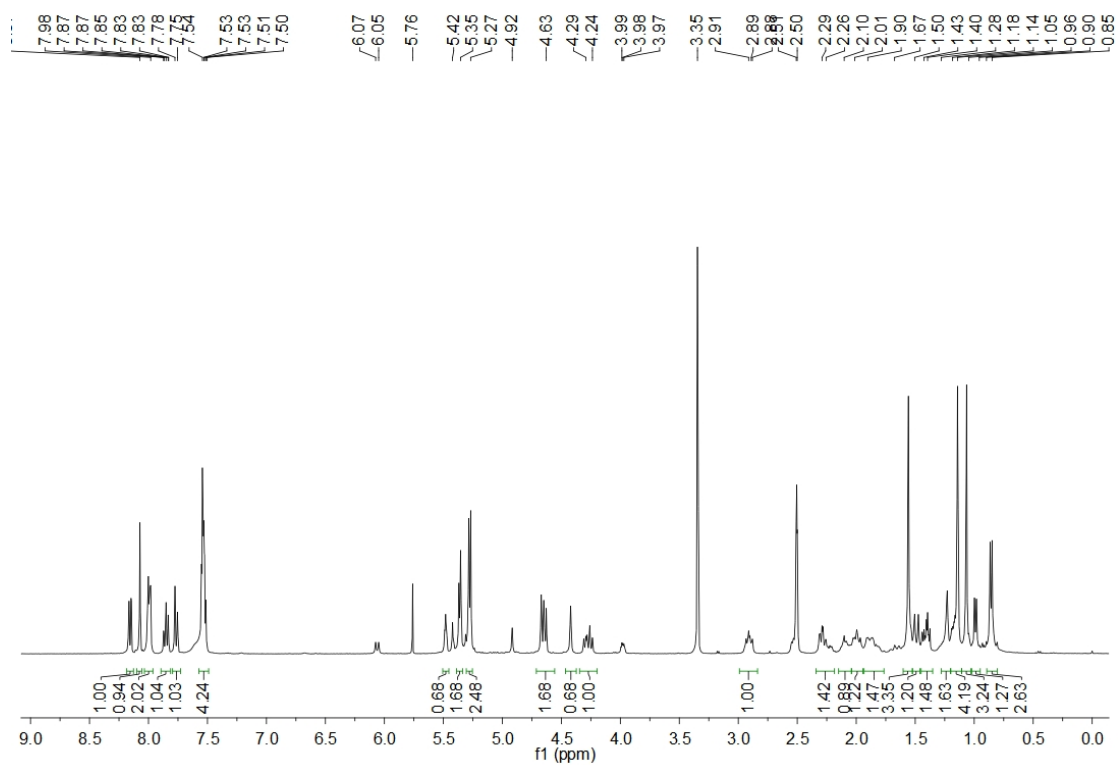
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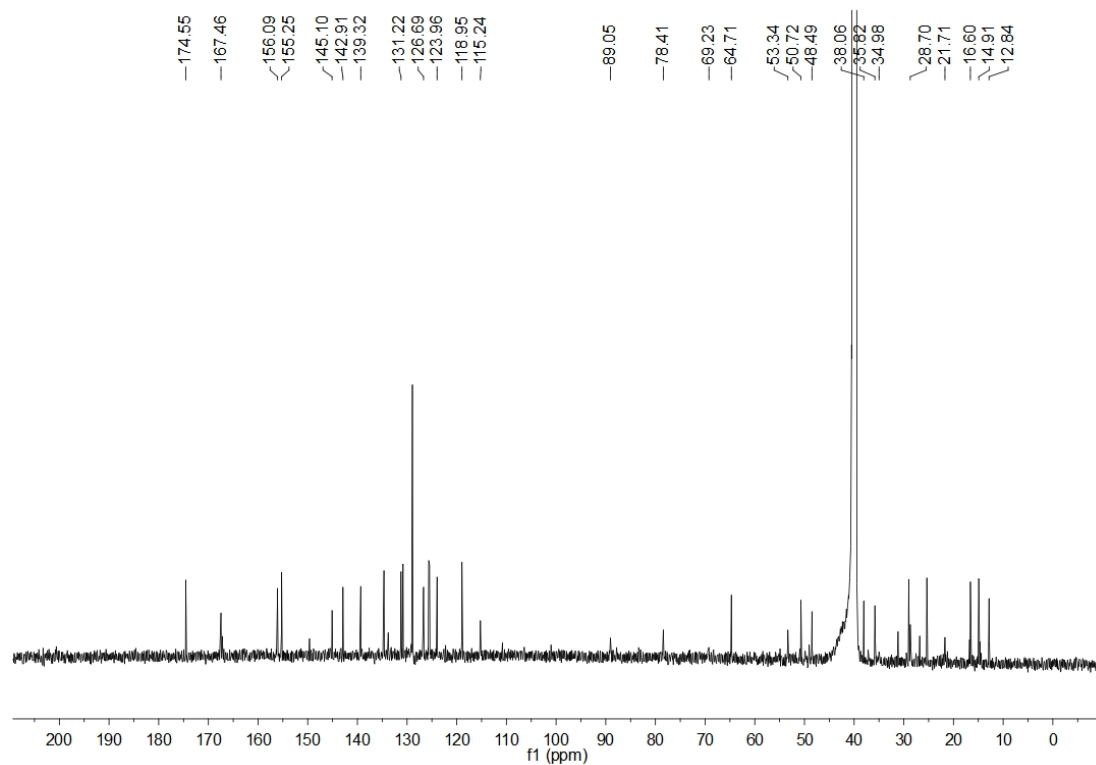
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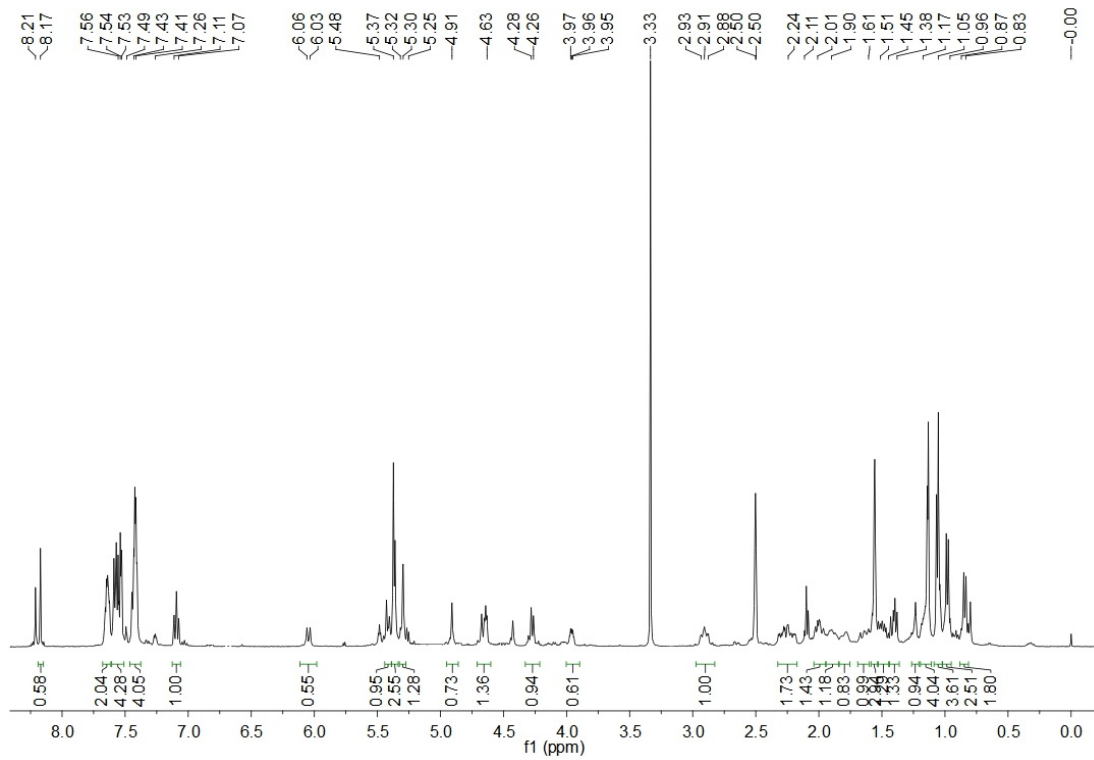
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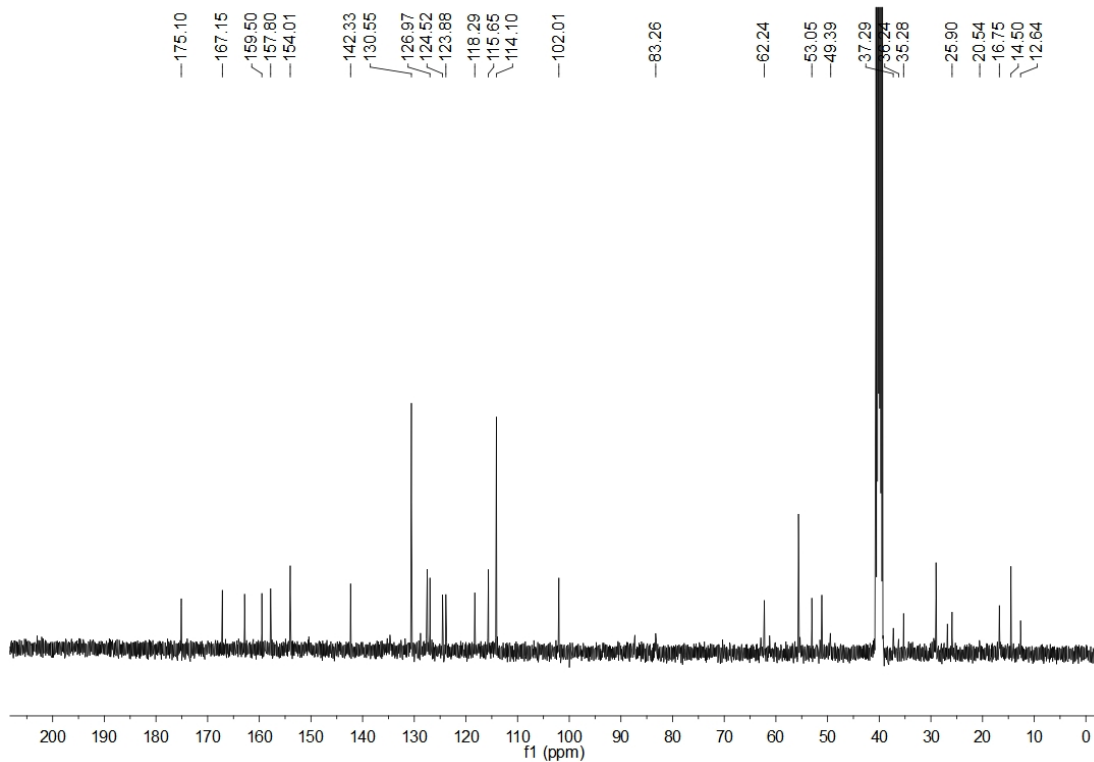
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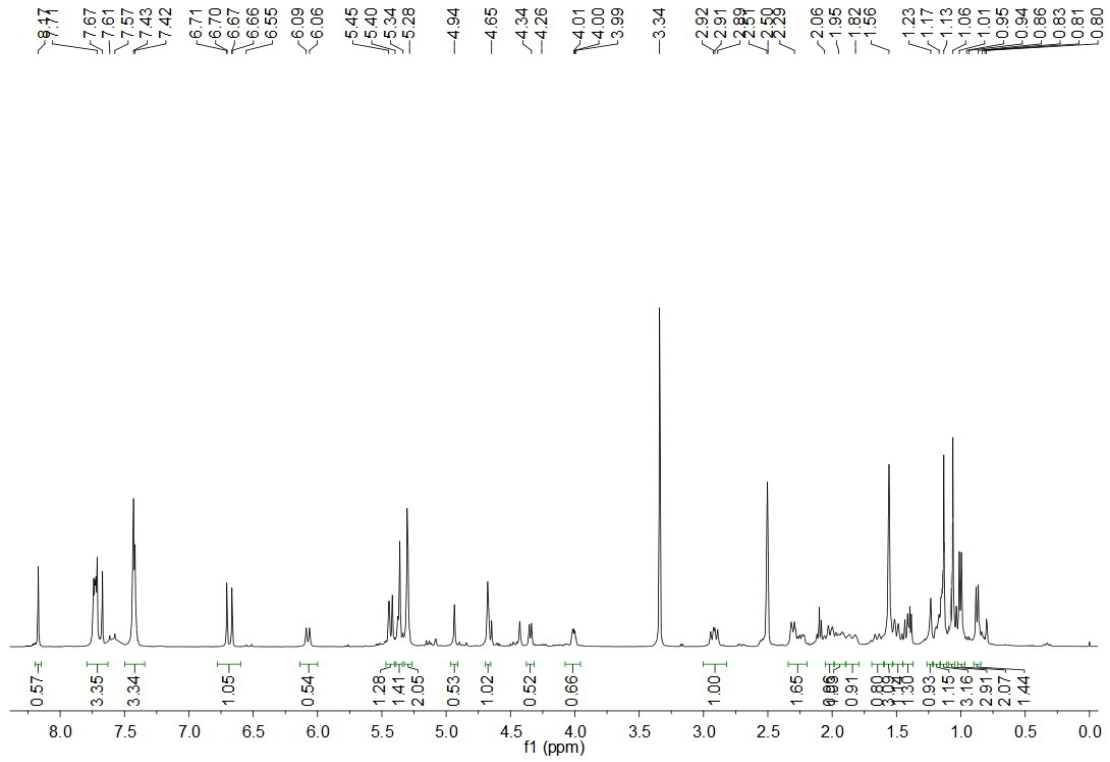
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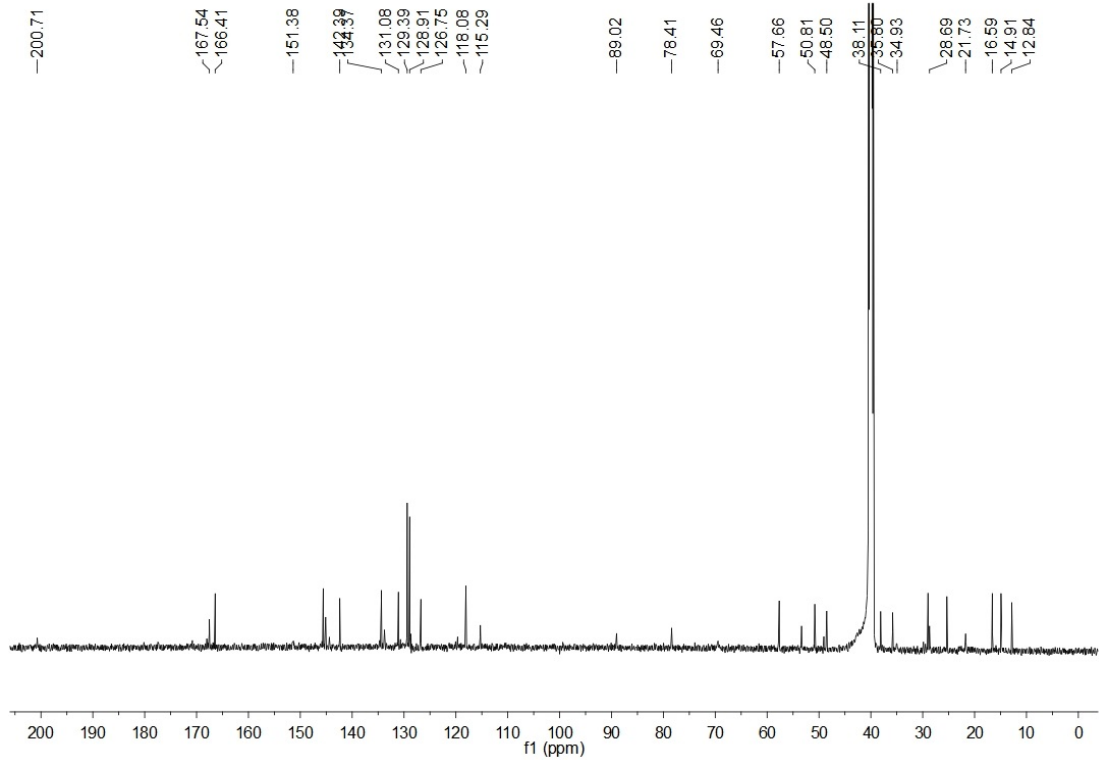
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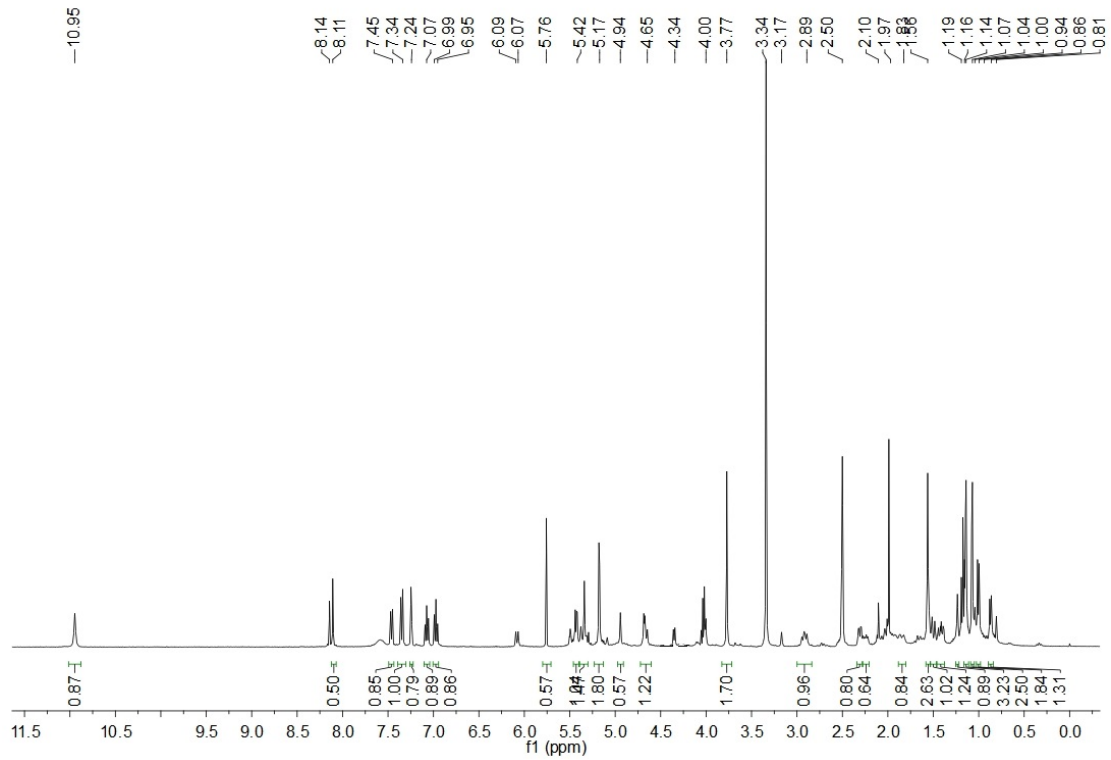
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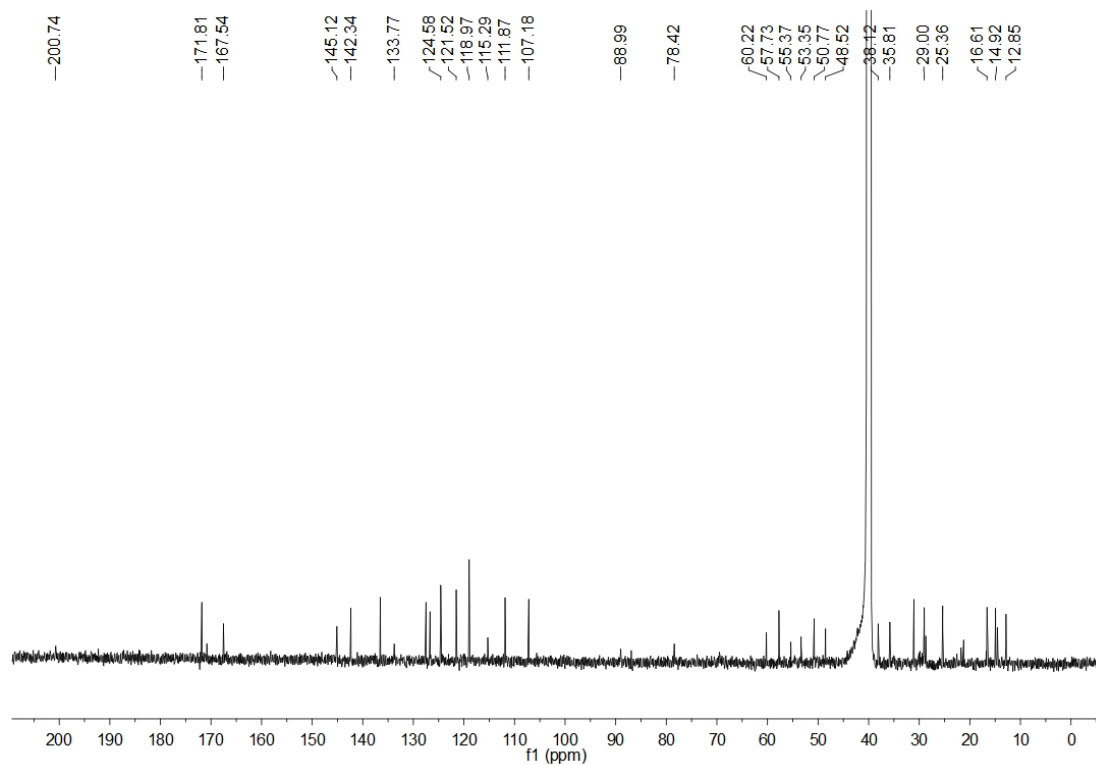
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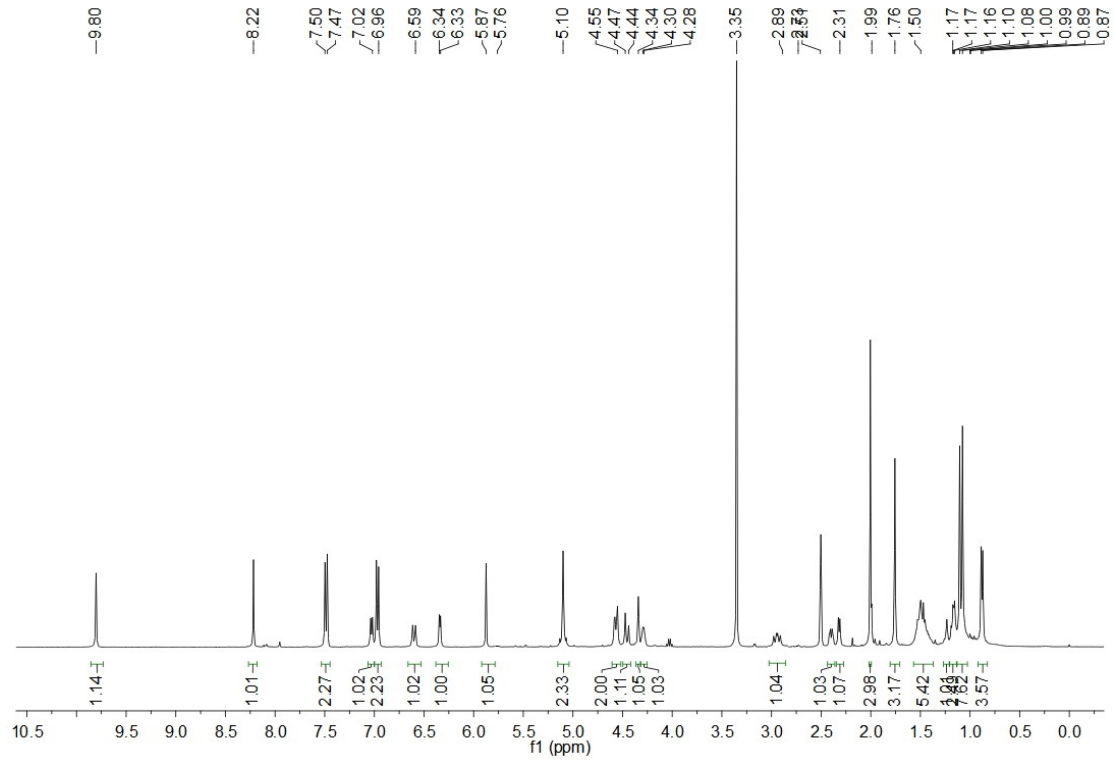
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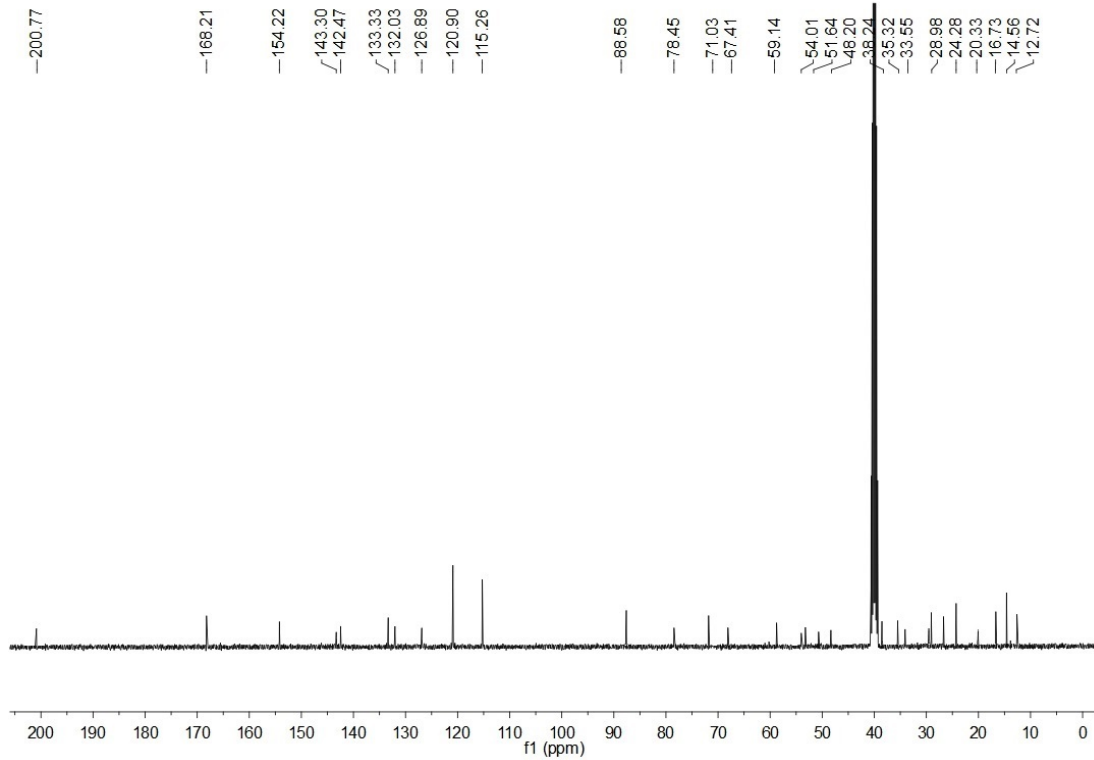
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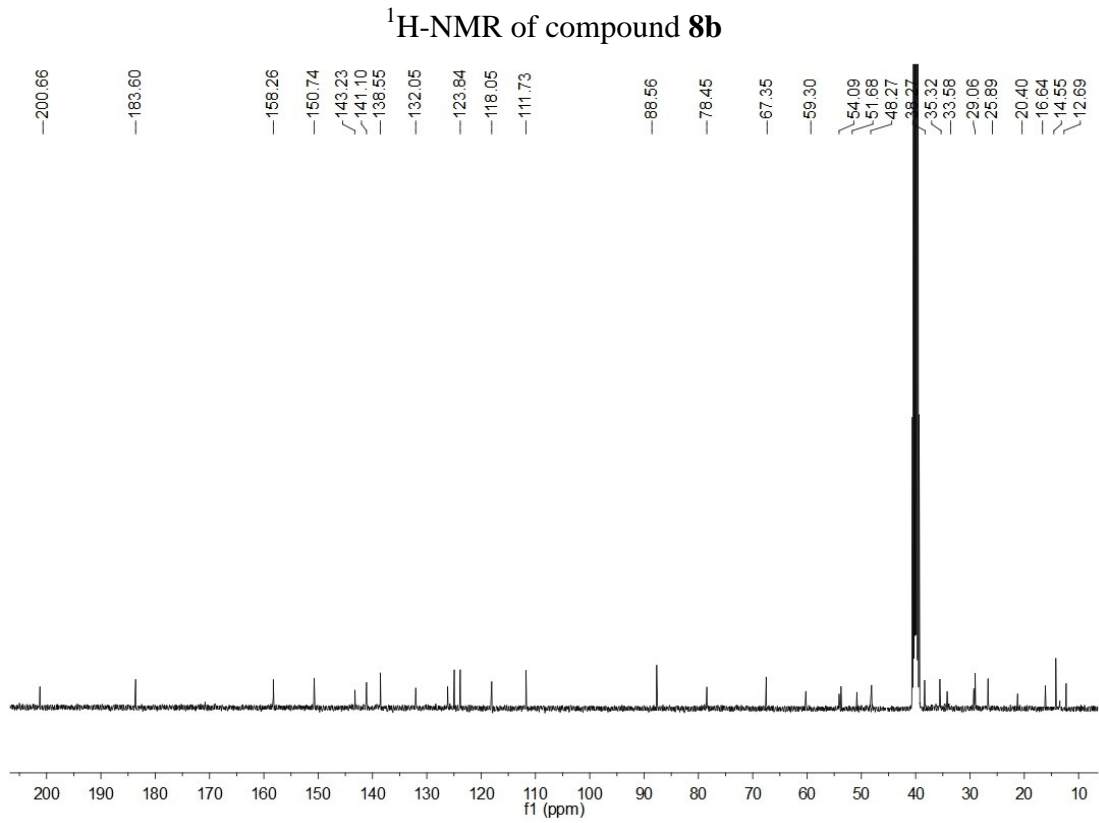
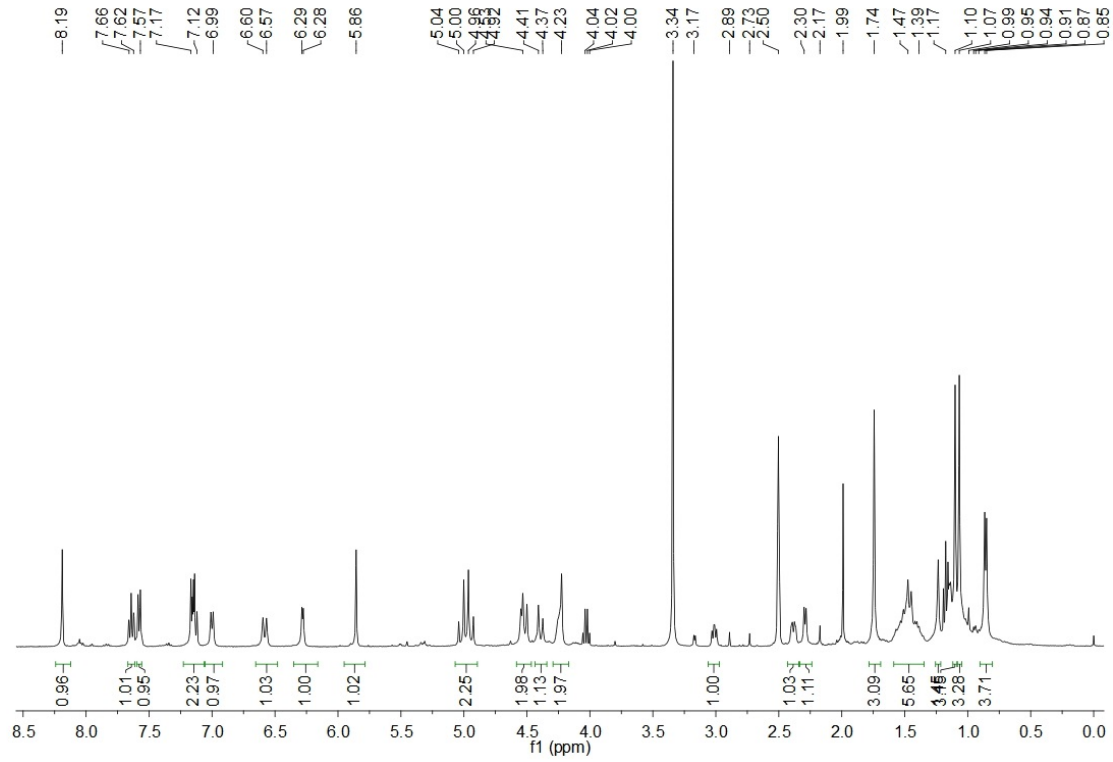
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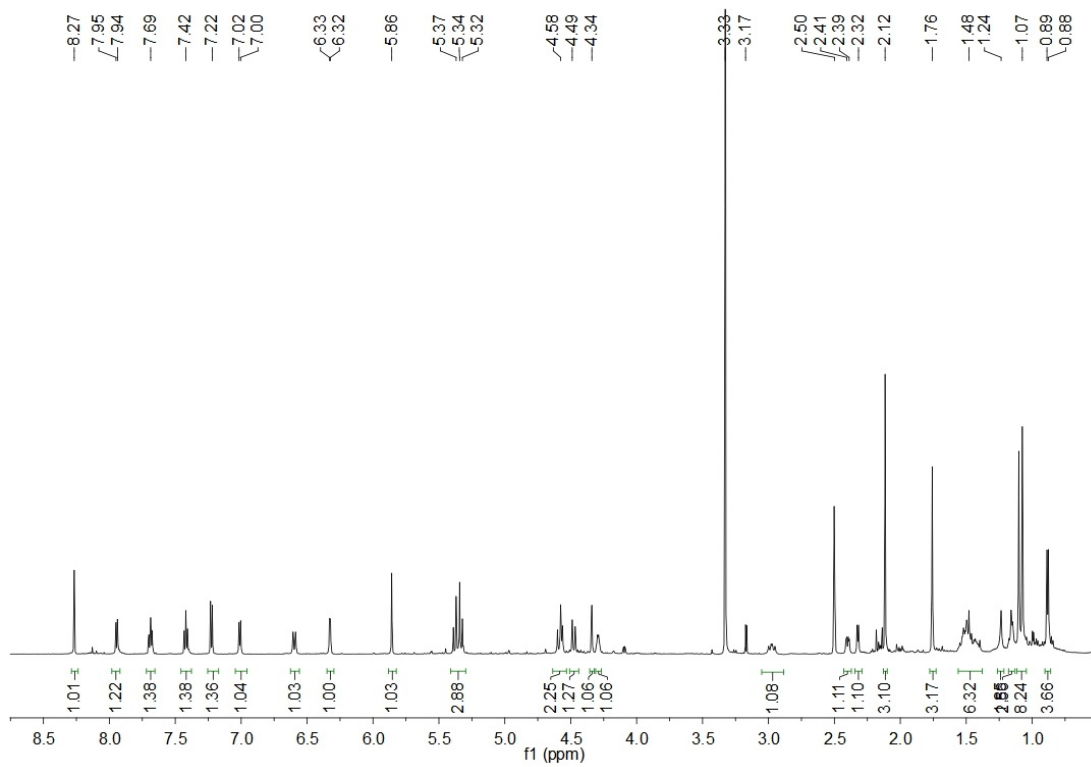


¹H-NMR of compound **8a**

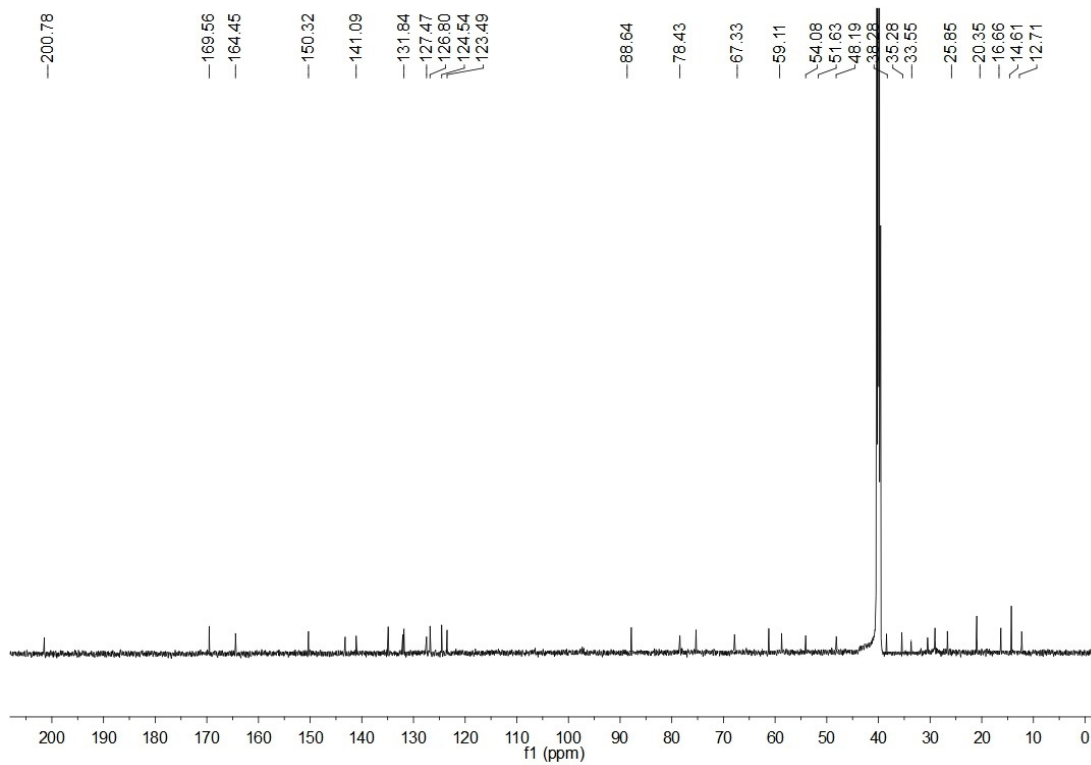


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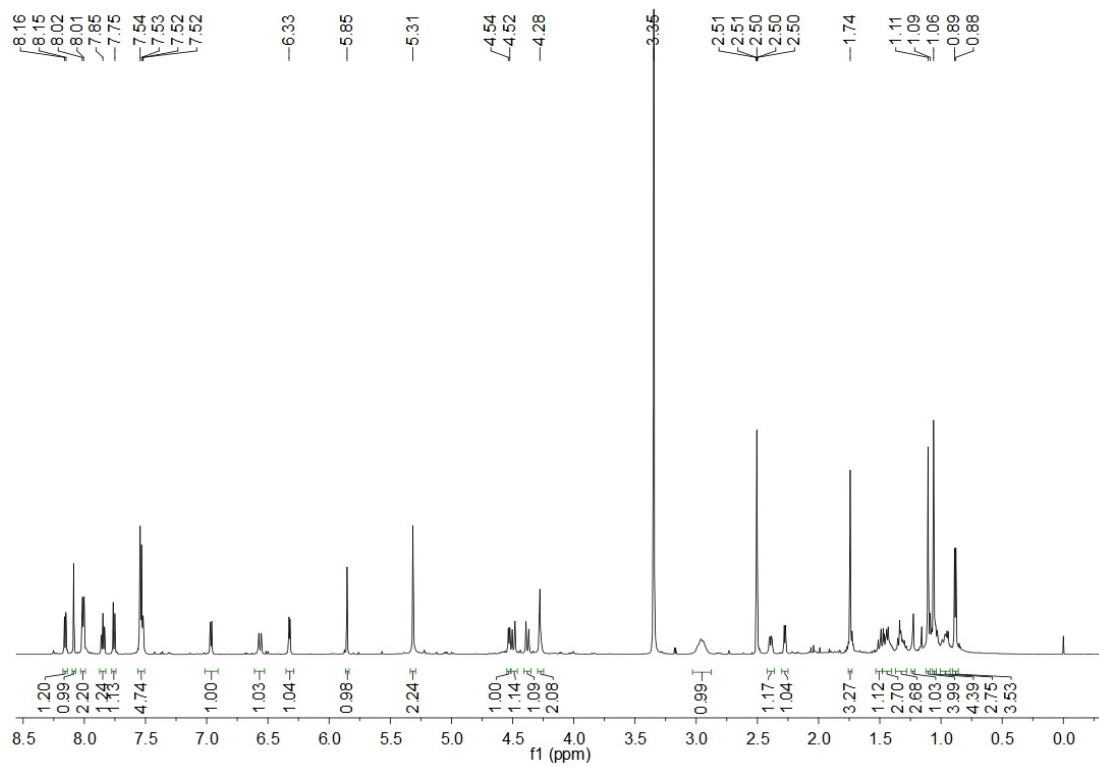




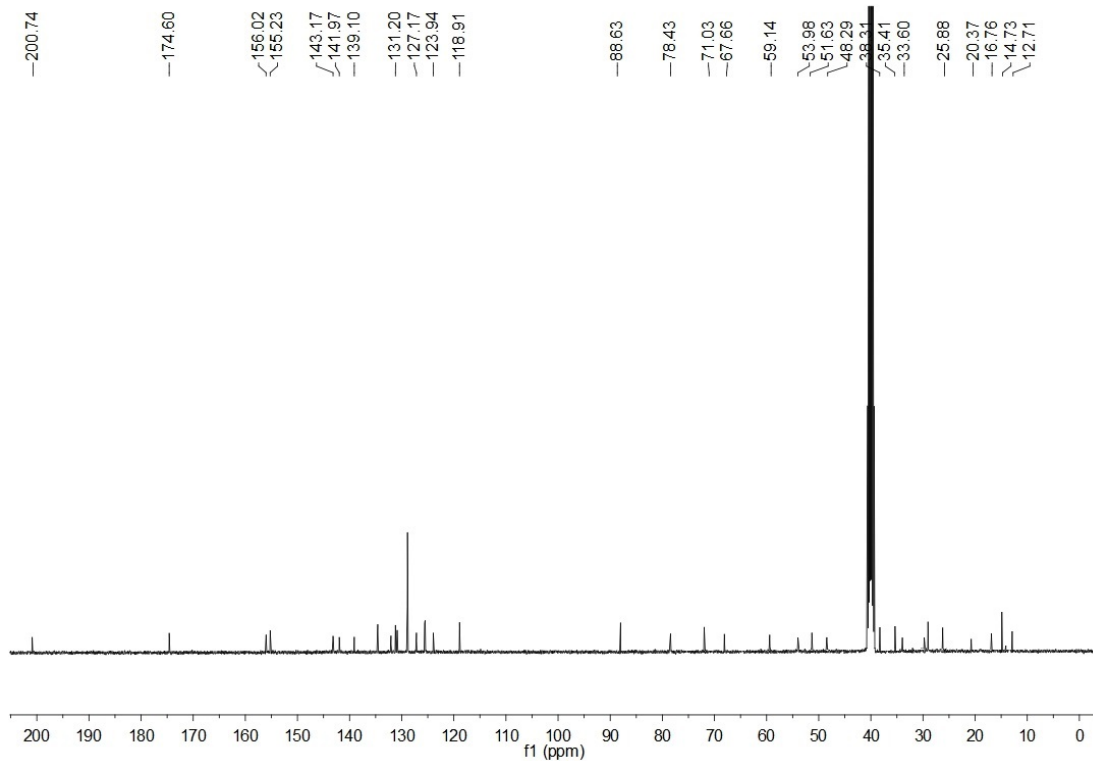
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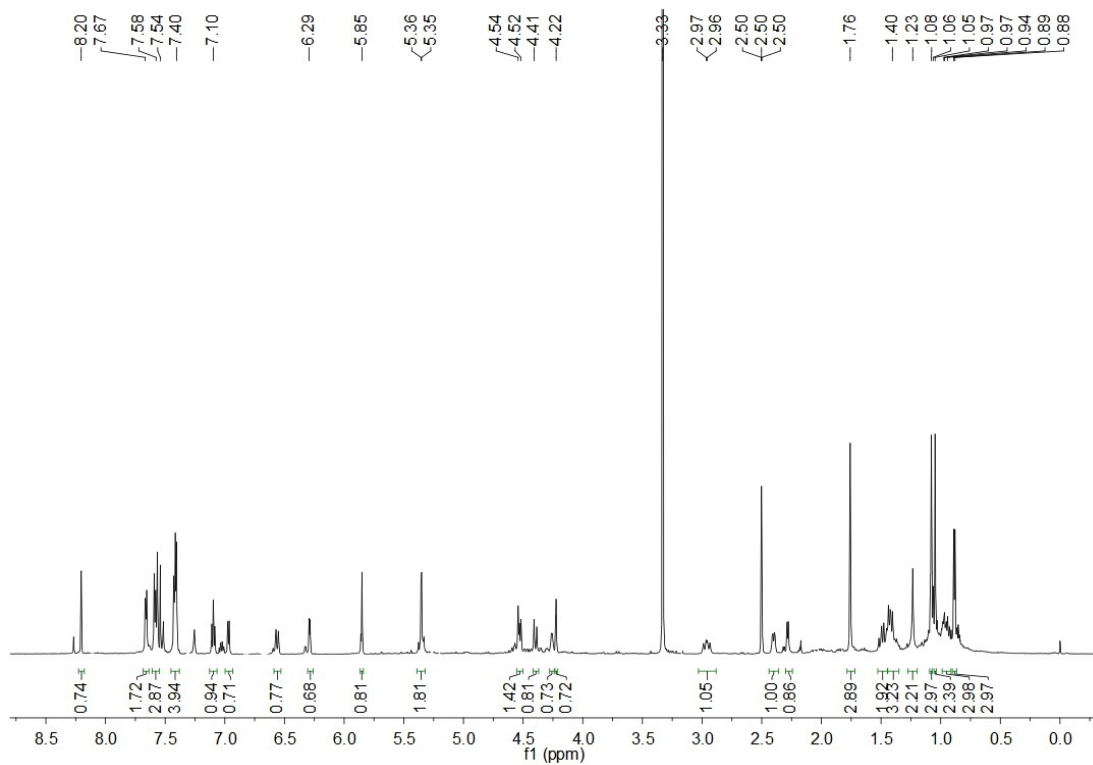
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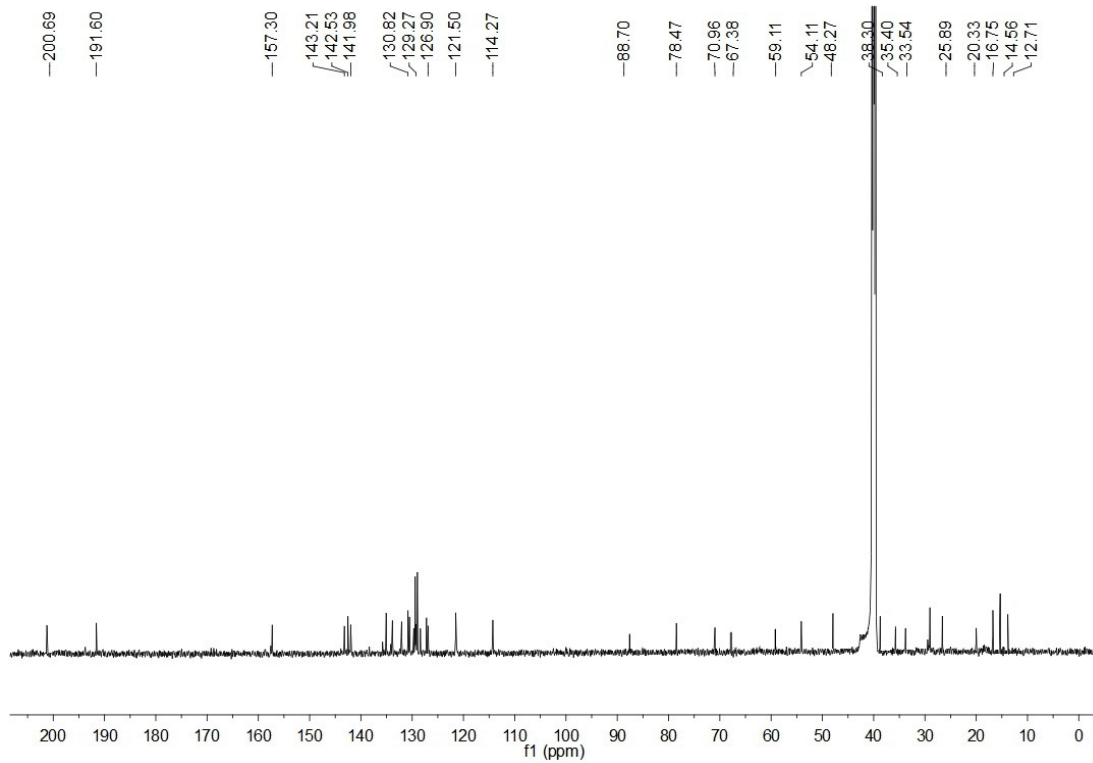
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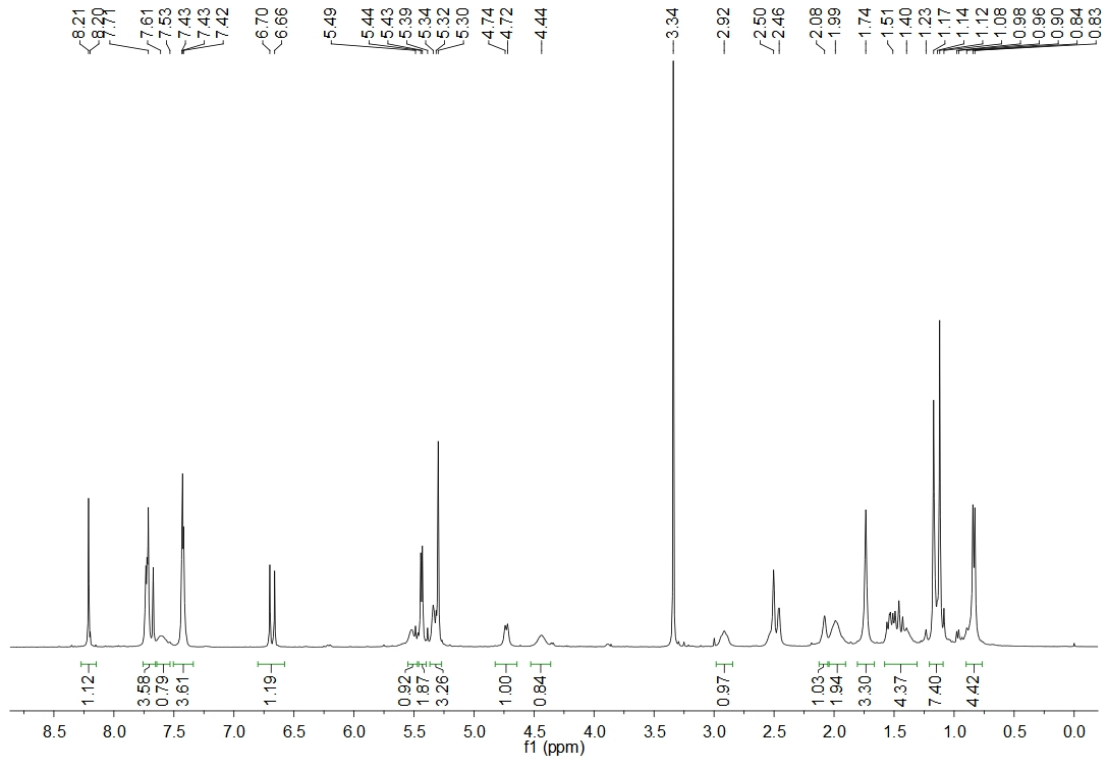
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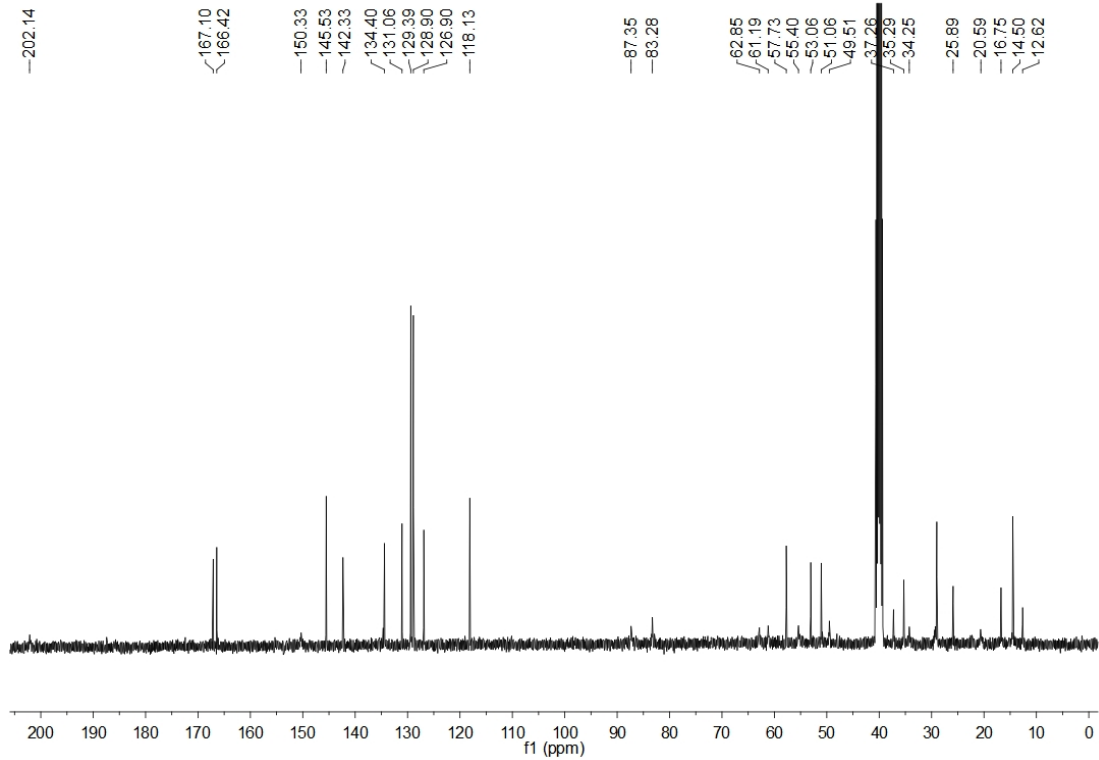
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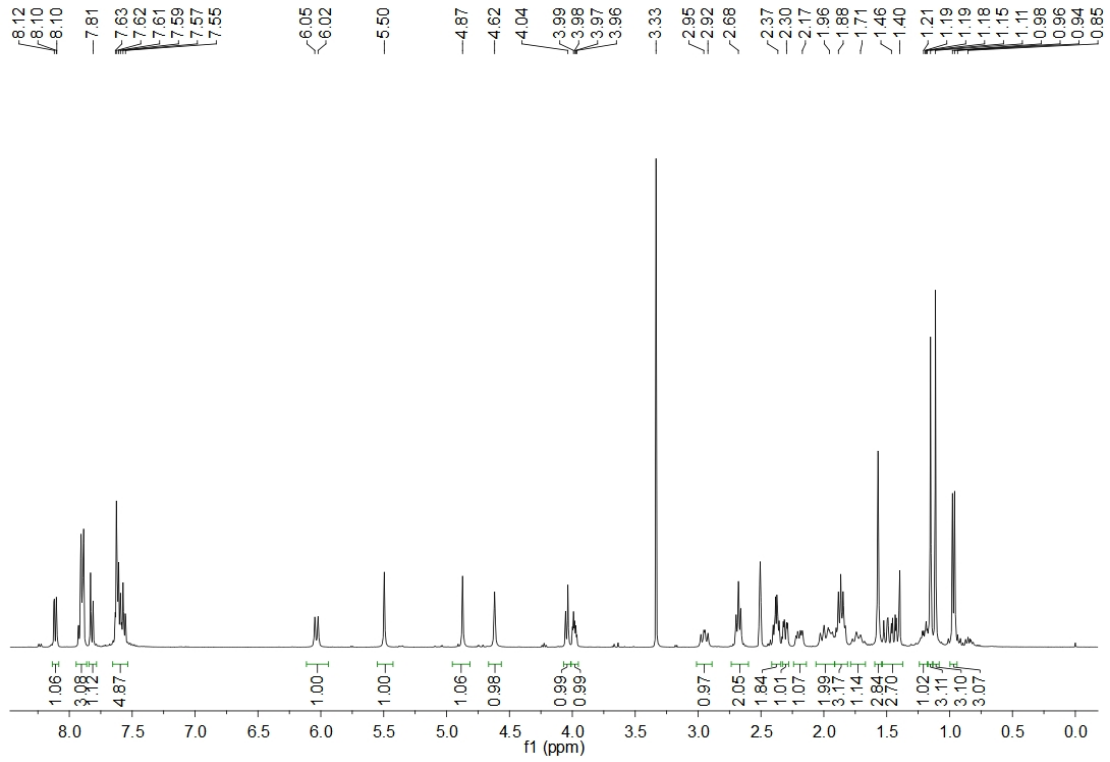
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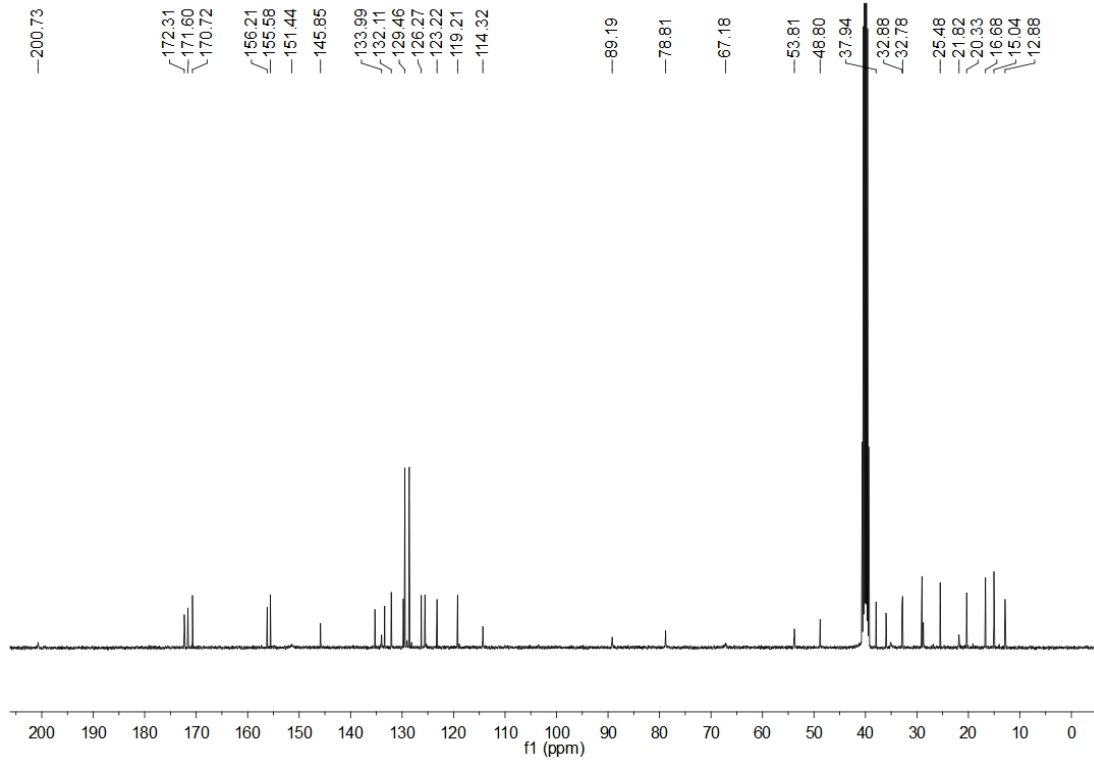
$^1\text{H-NMR}$ of compound **8f**



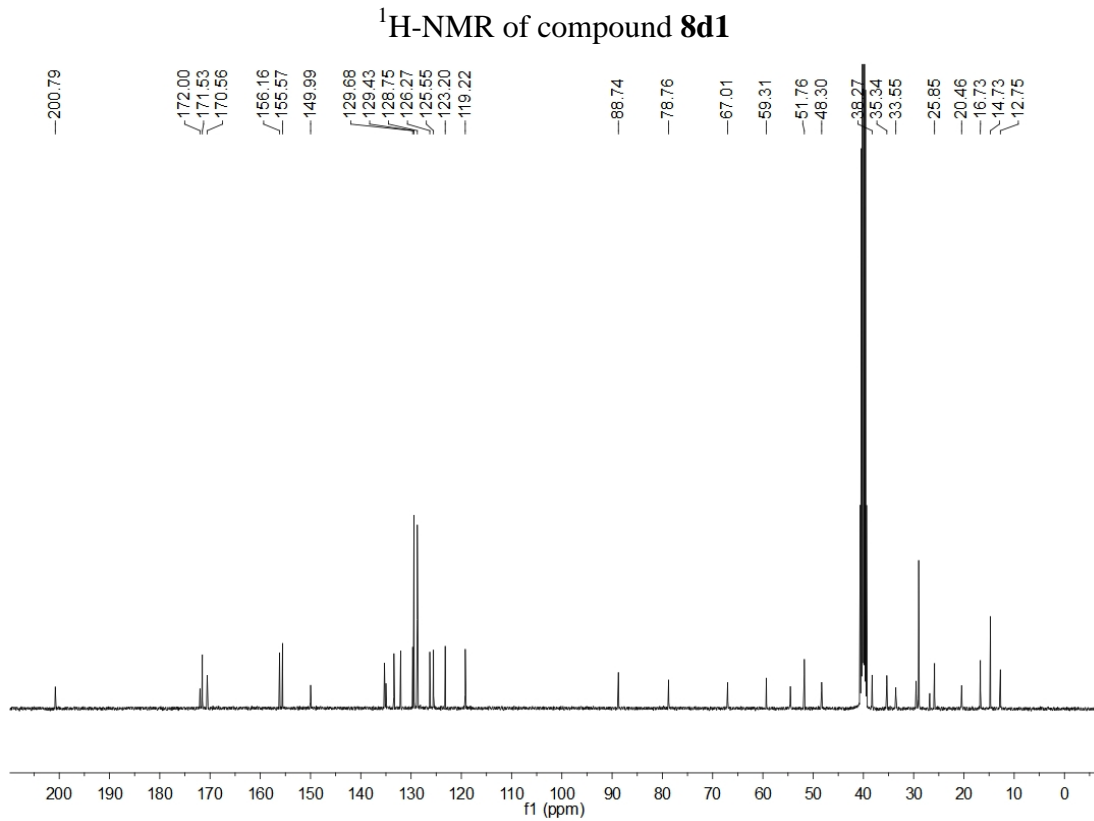
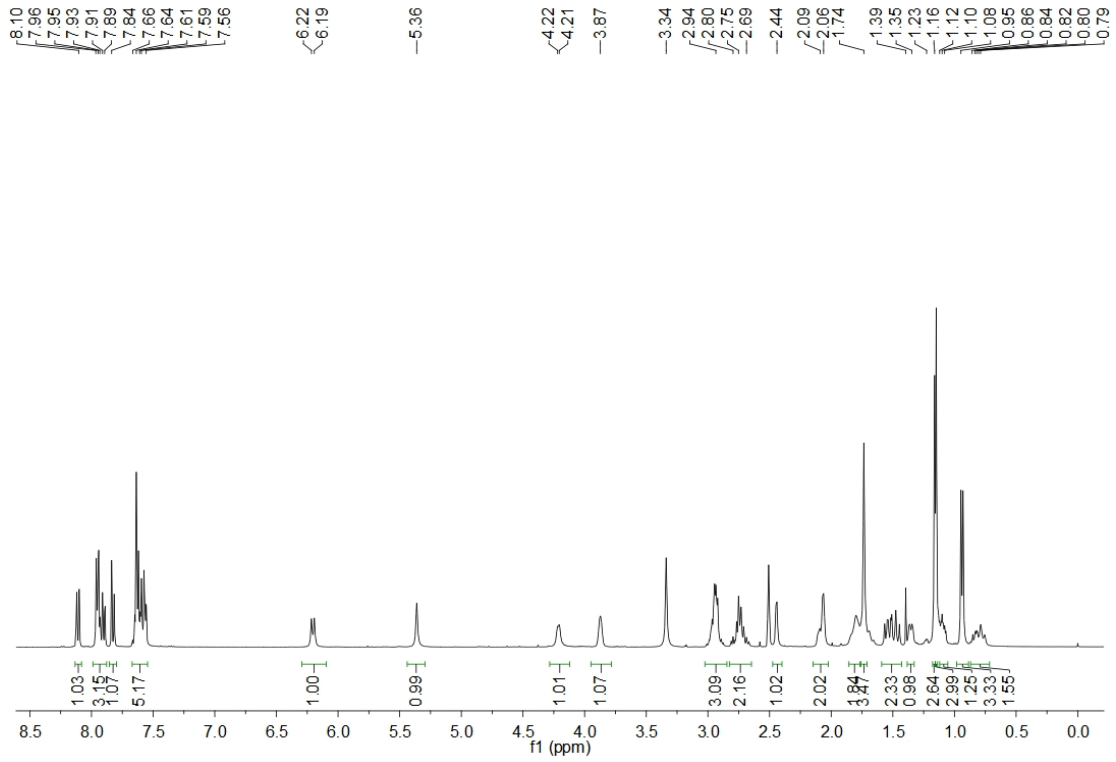
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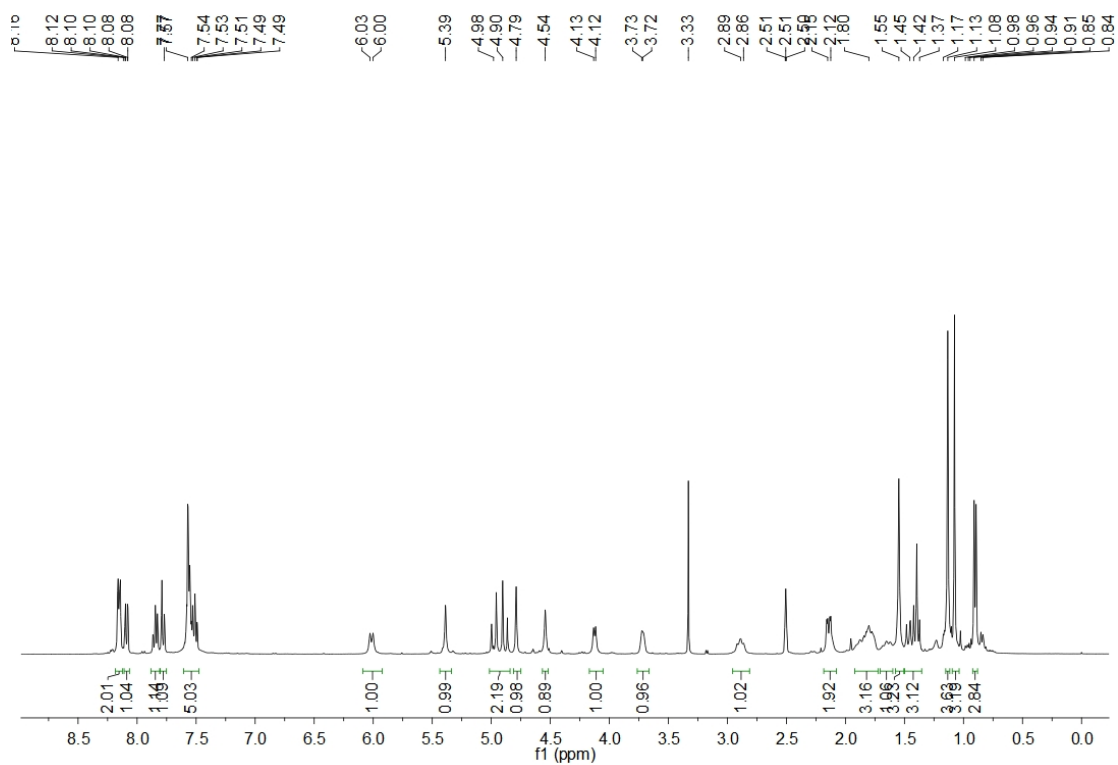


¹H-NMR of compound **7d1**

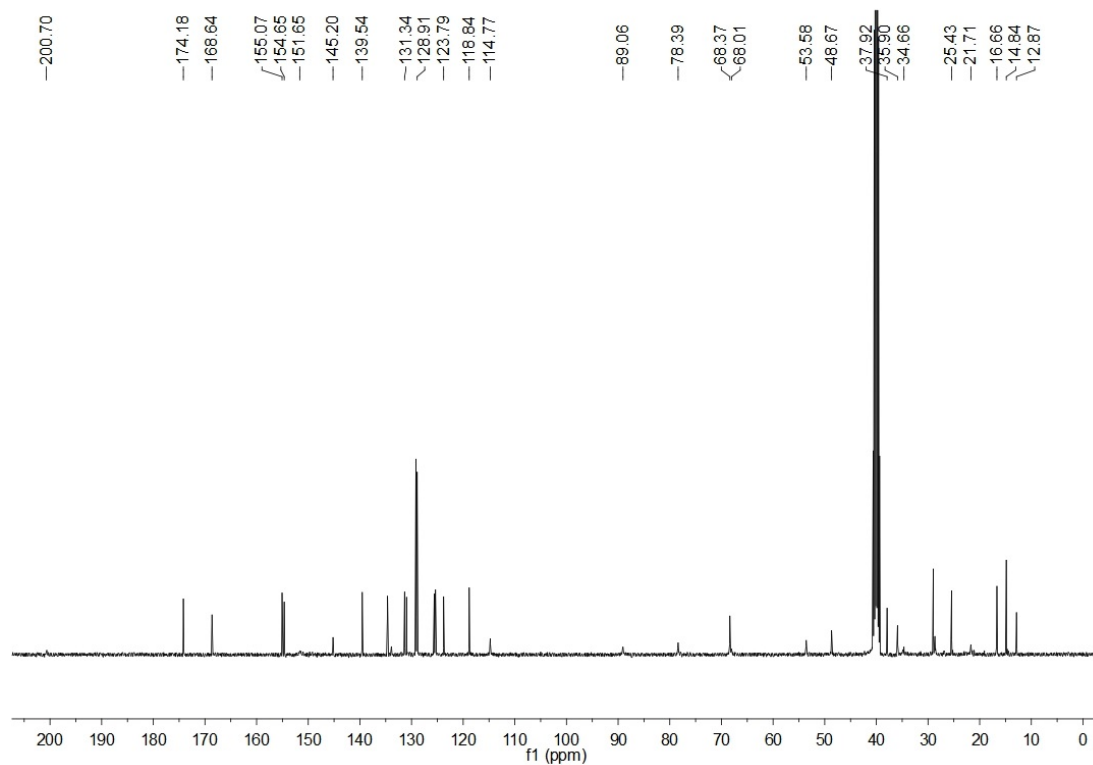


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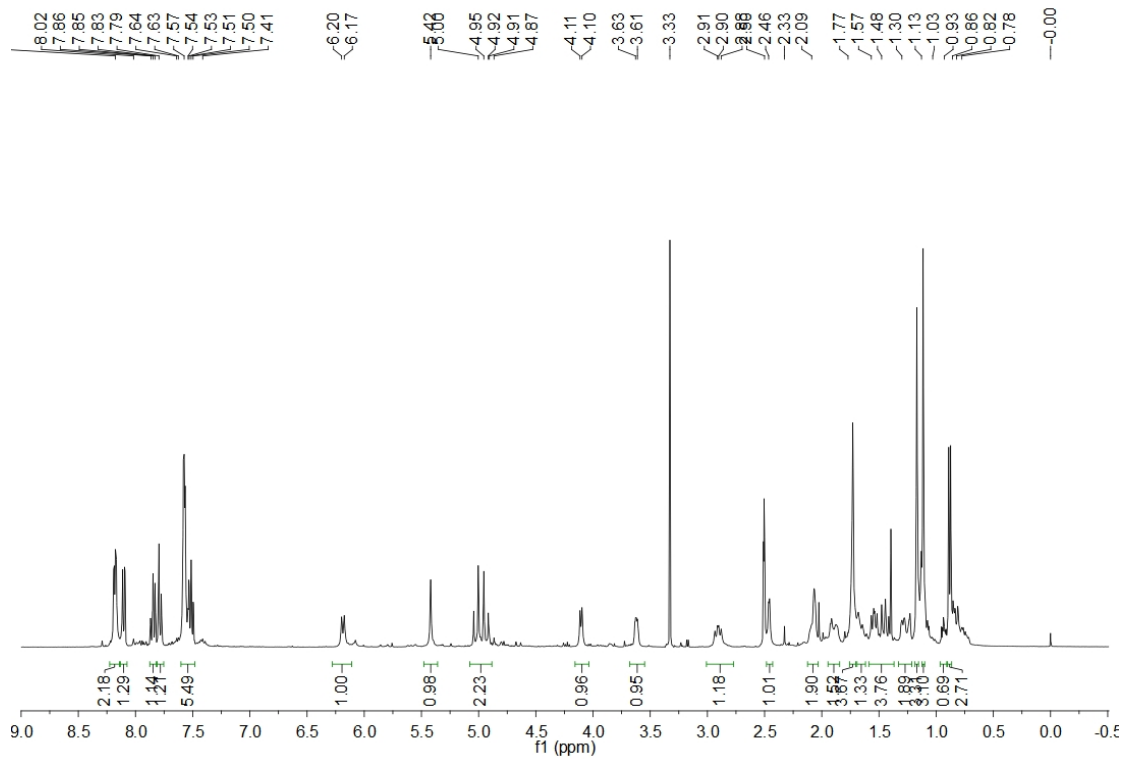




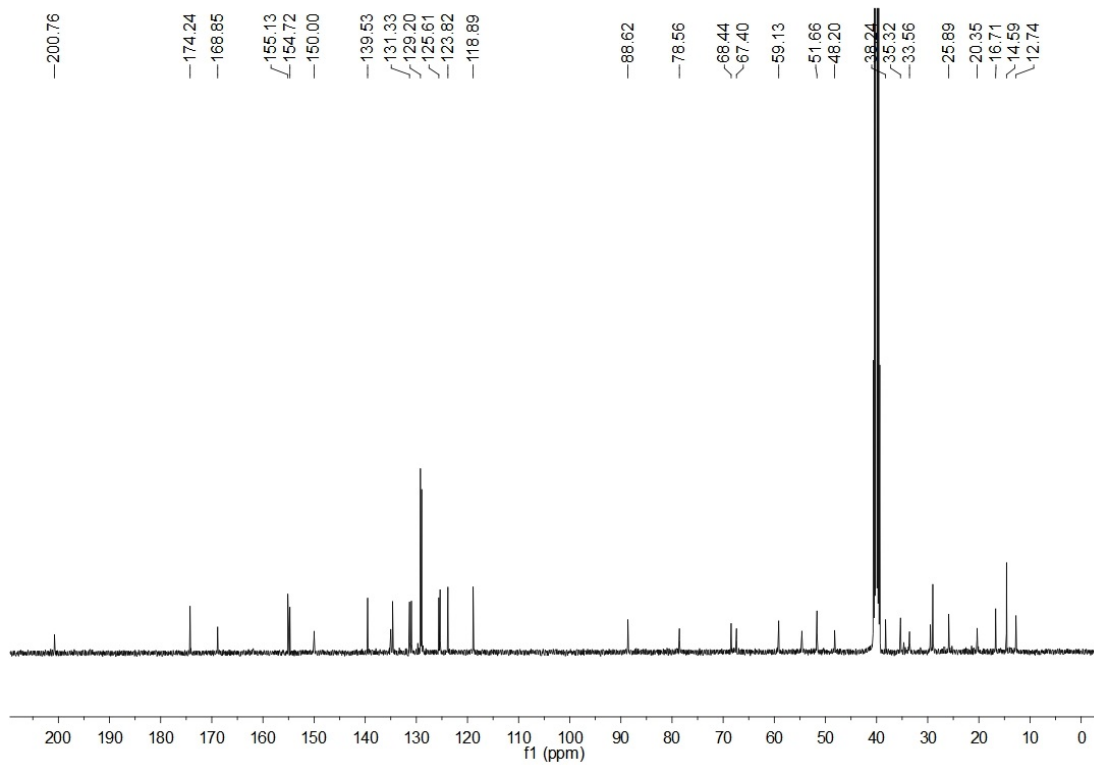
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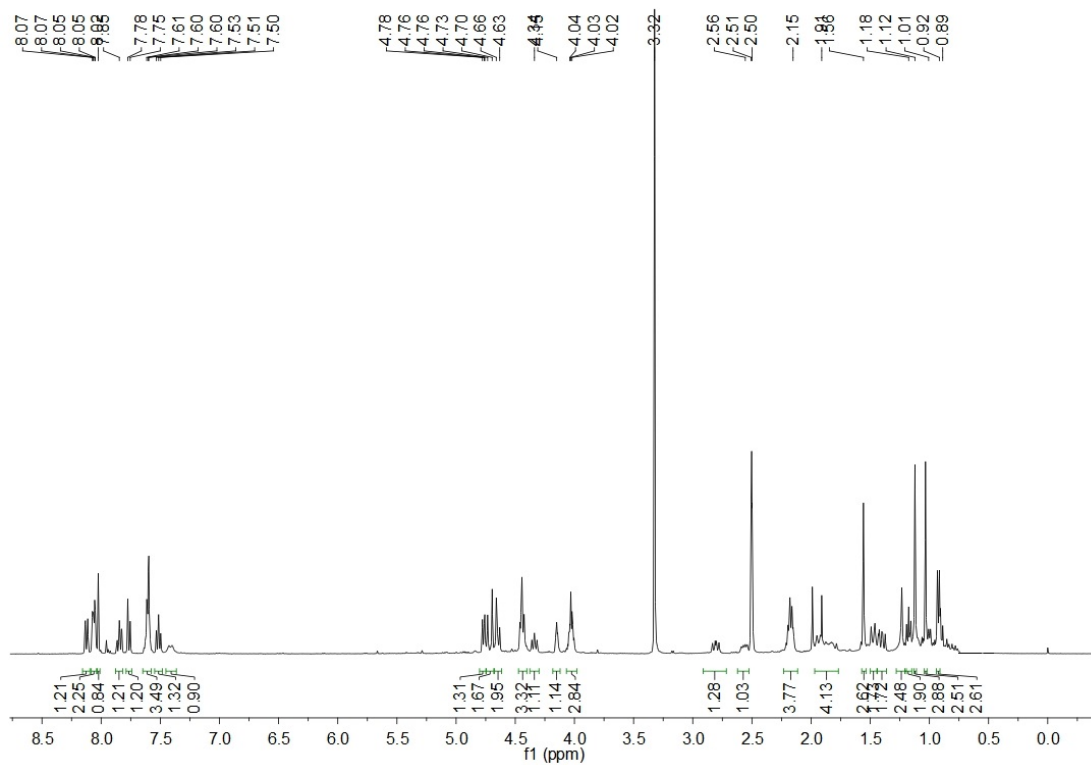
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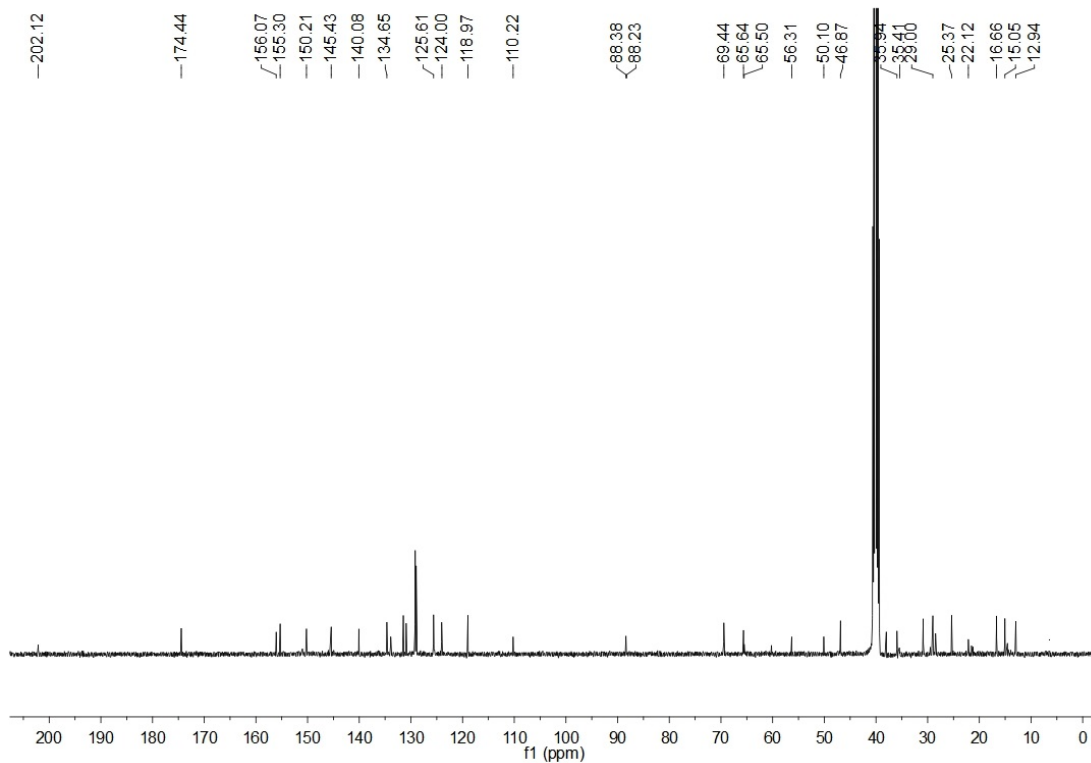
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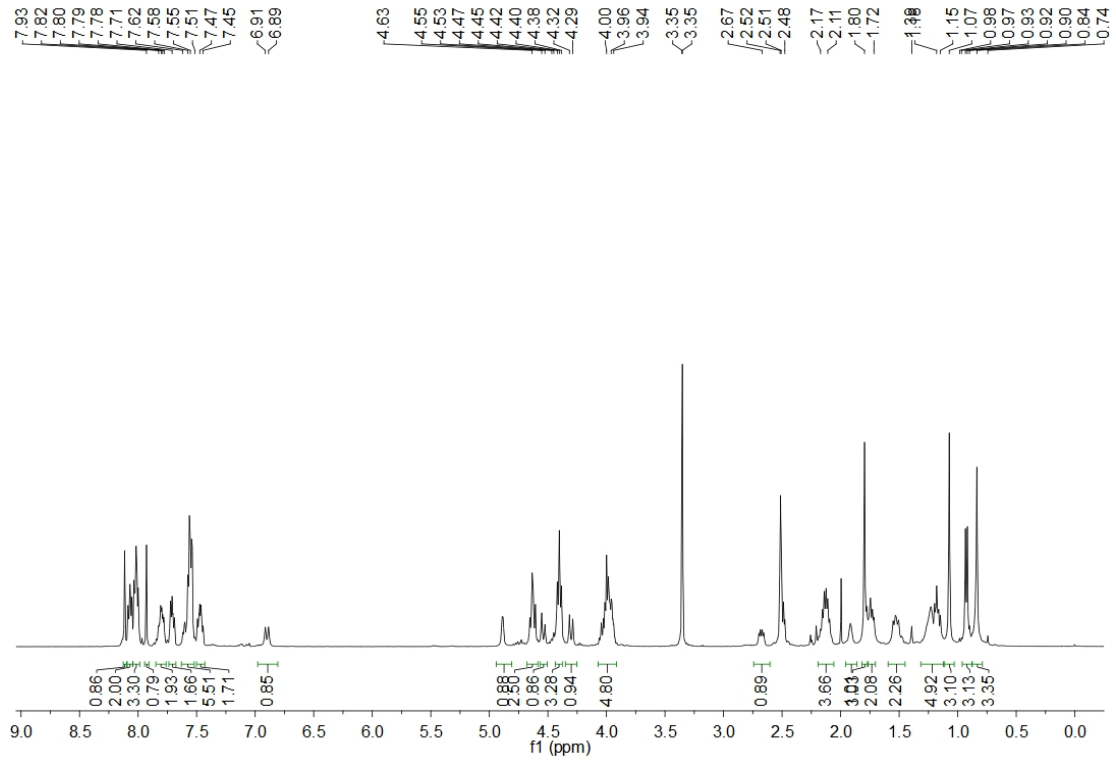
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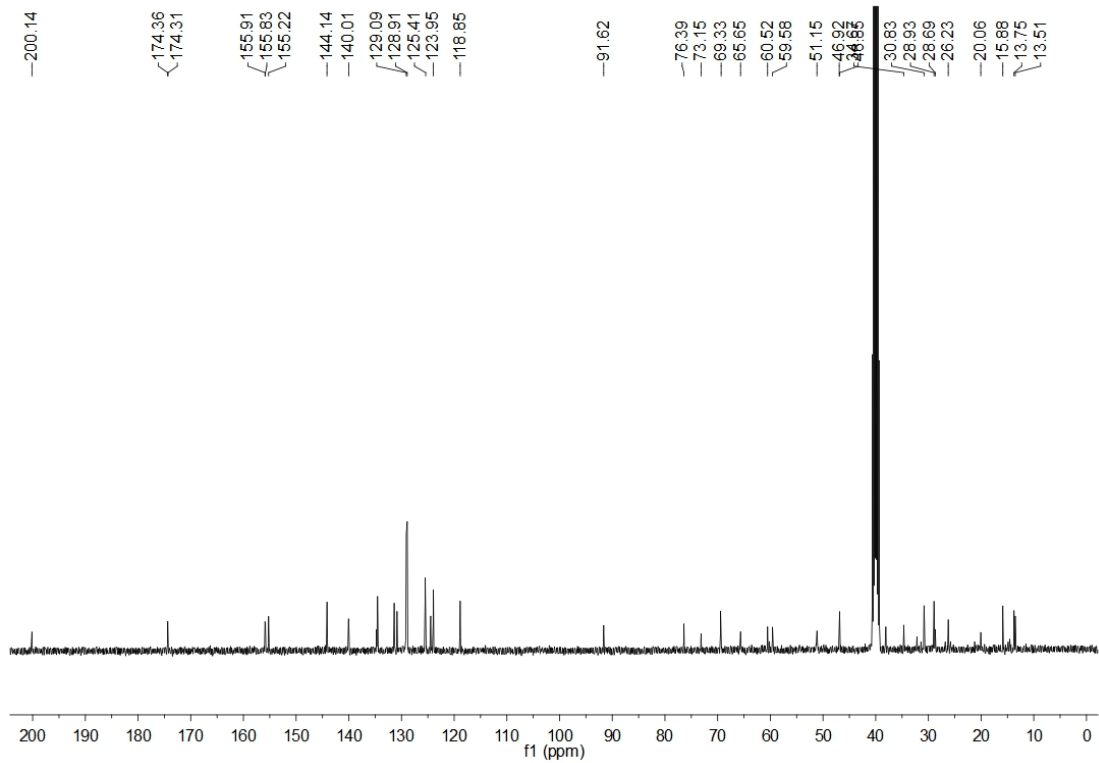
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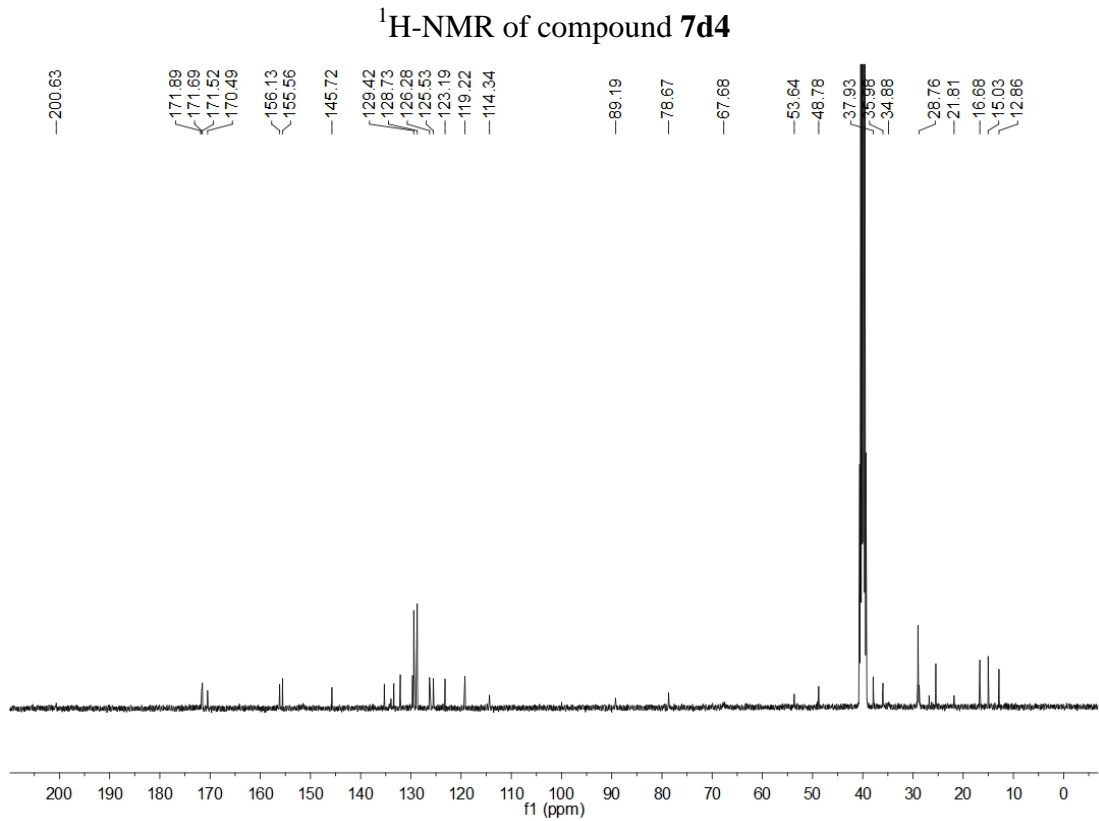
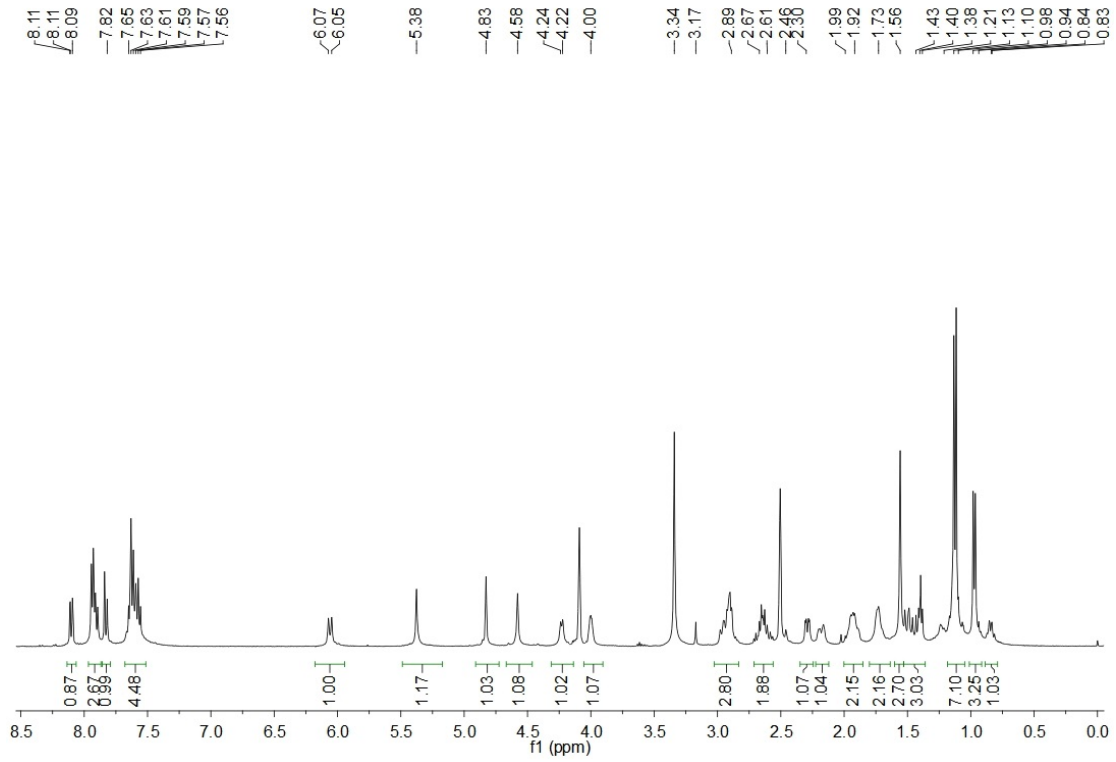
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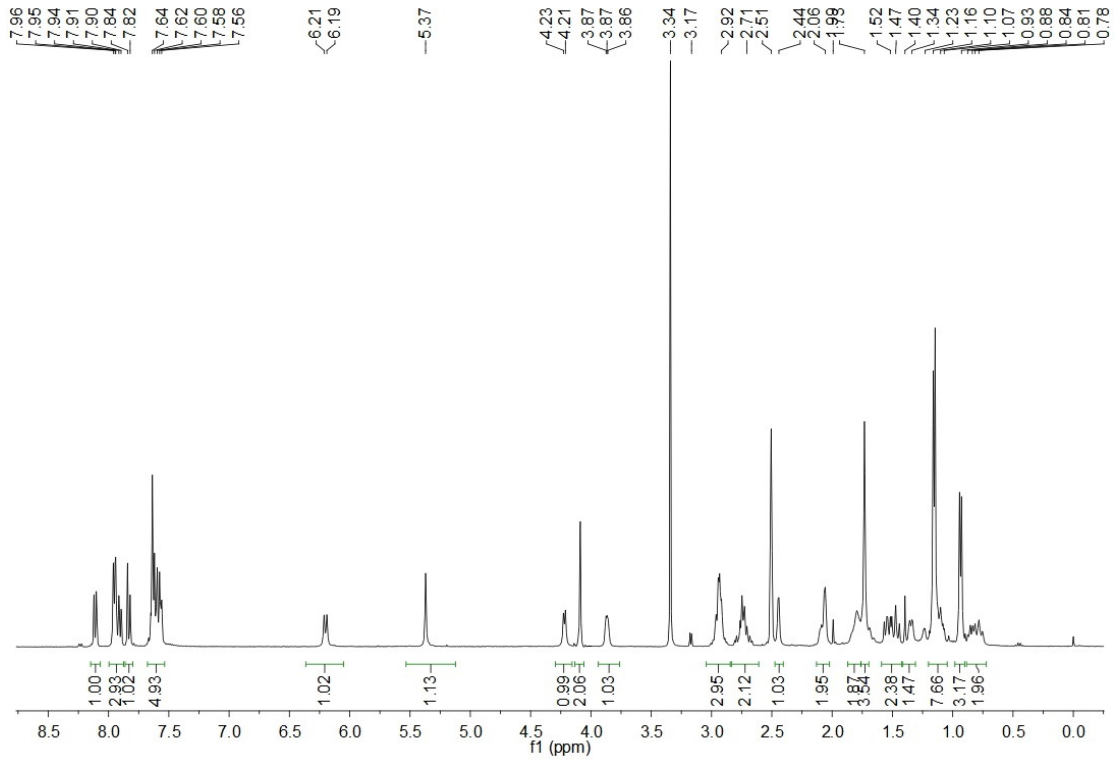


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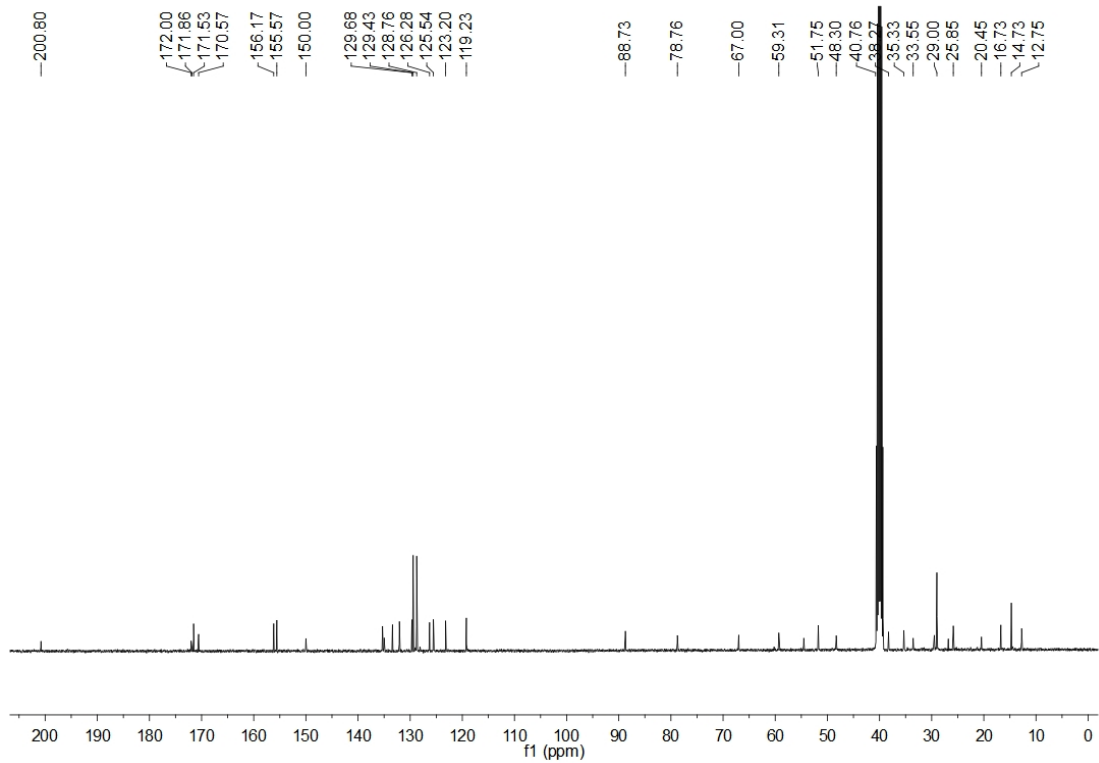


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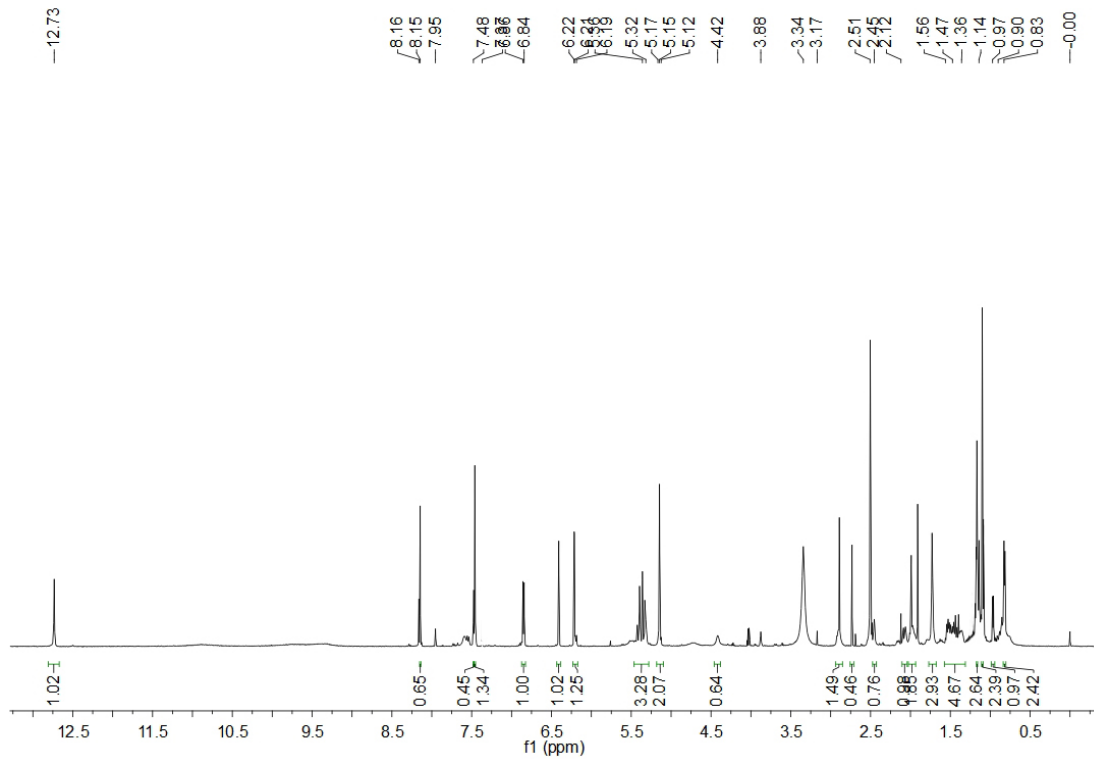




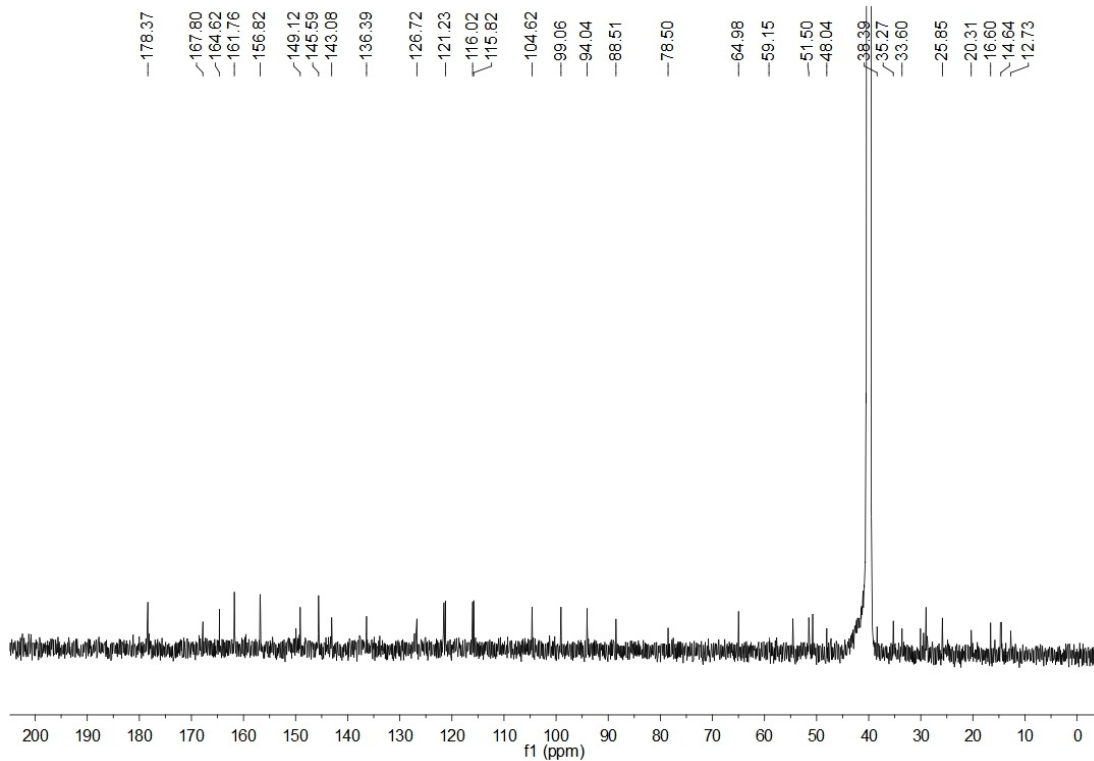
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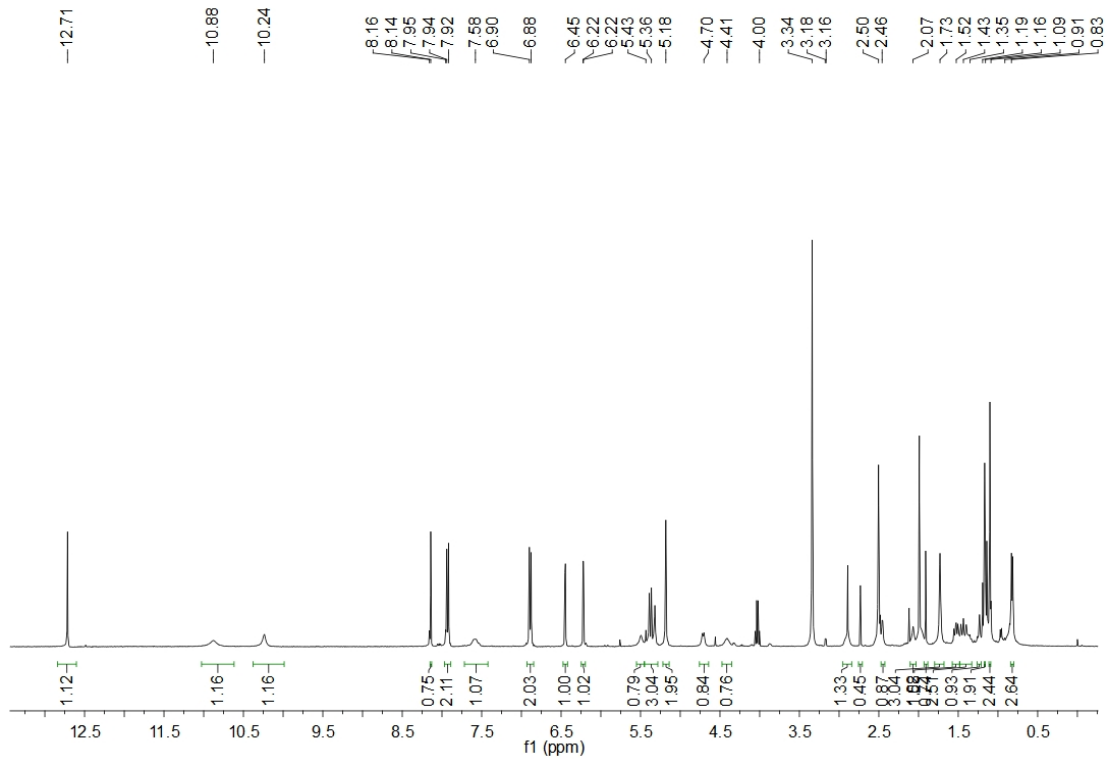
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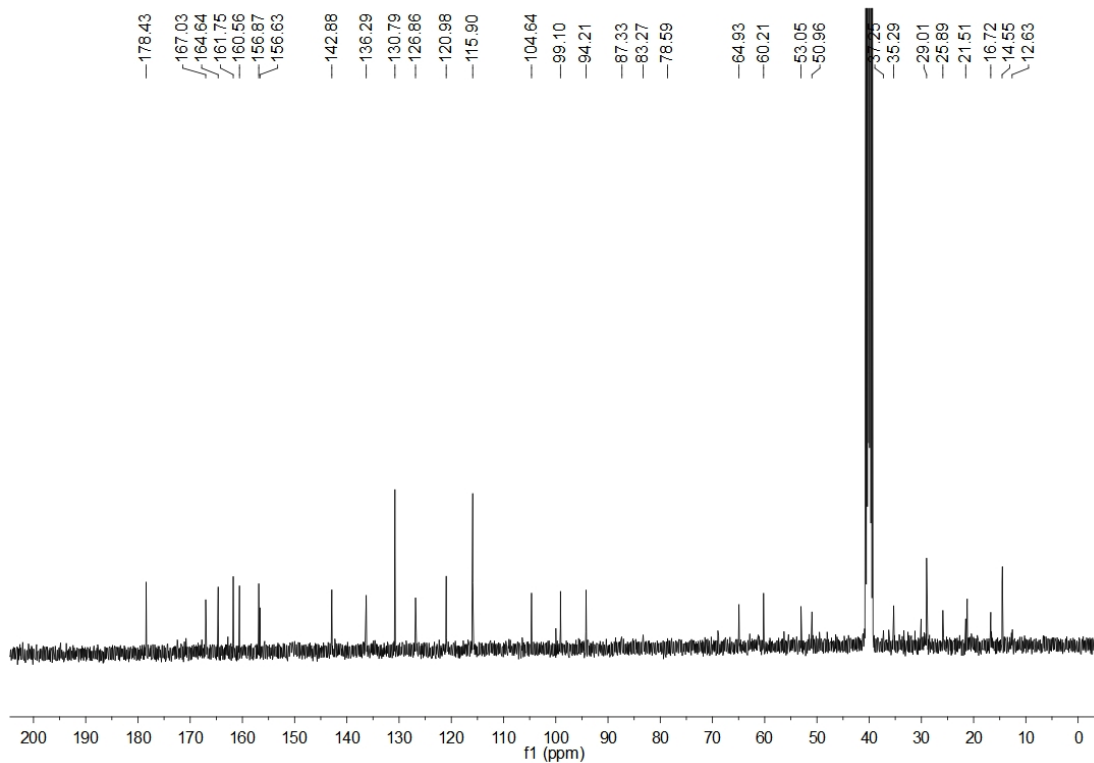
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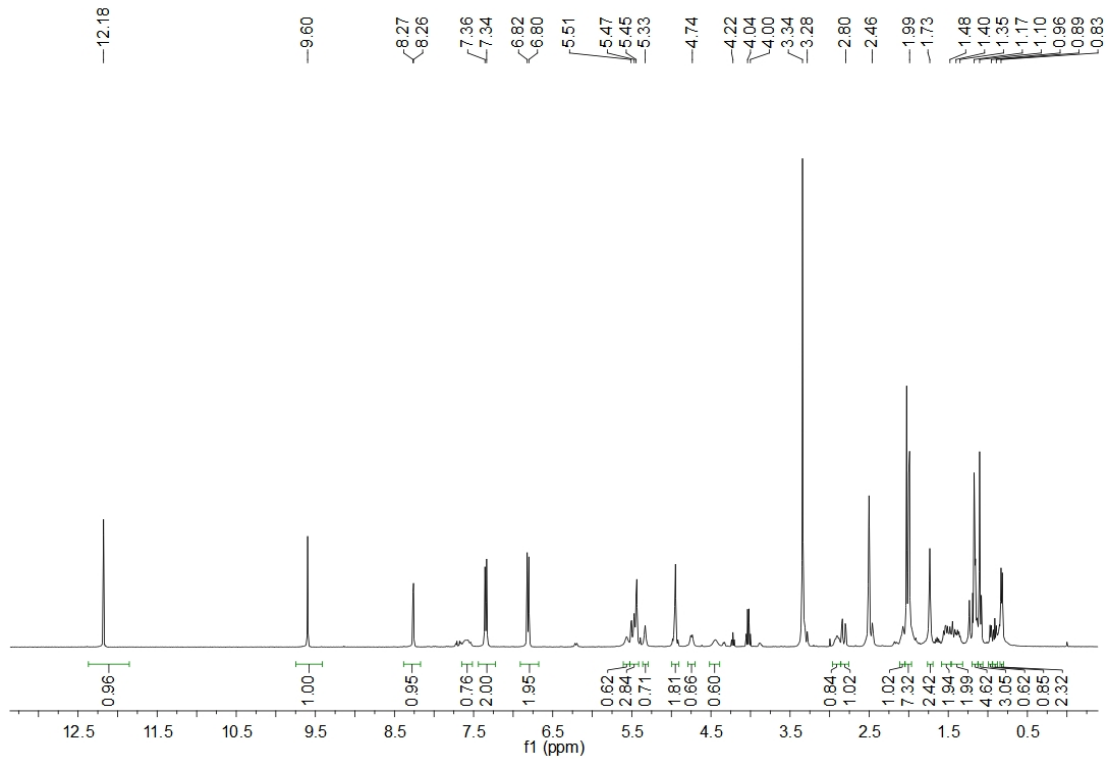
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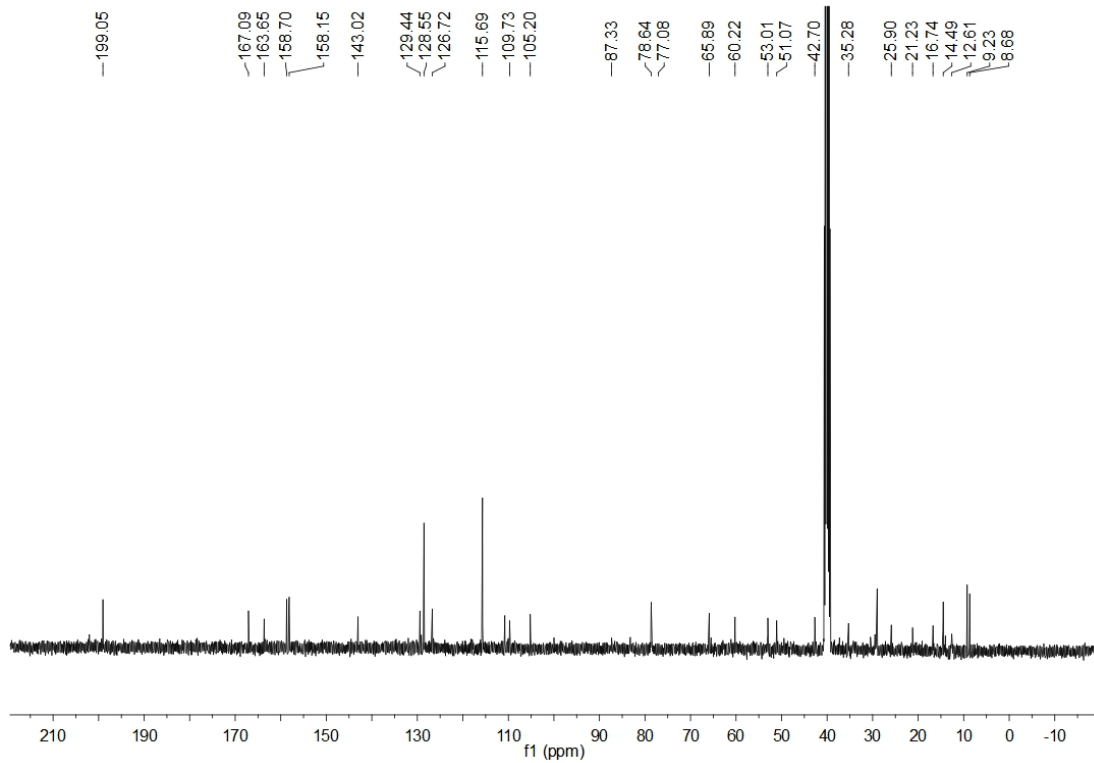
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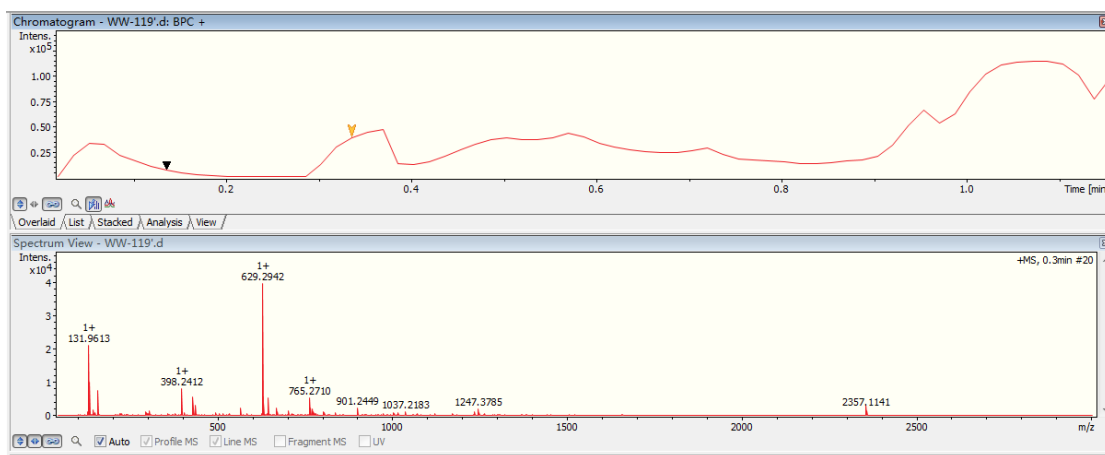
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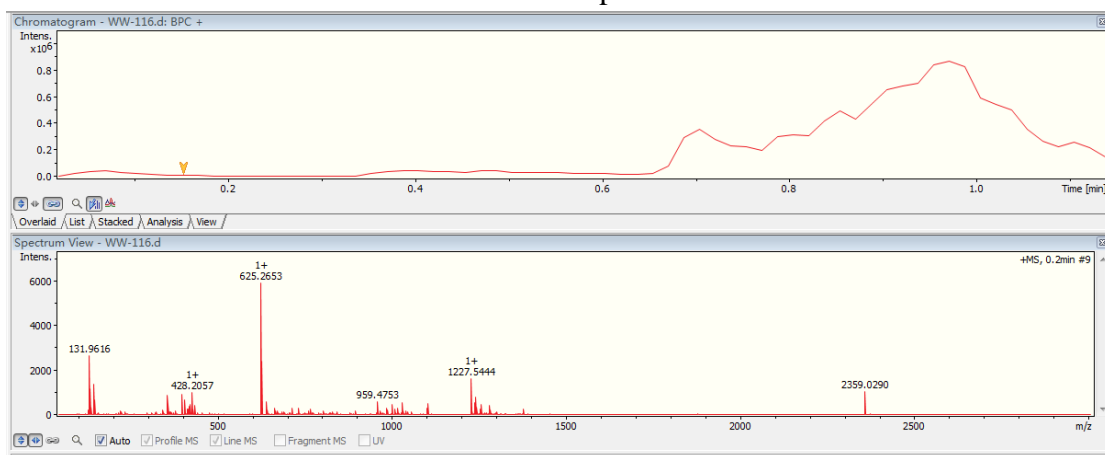
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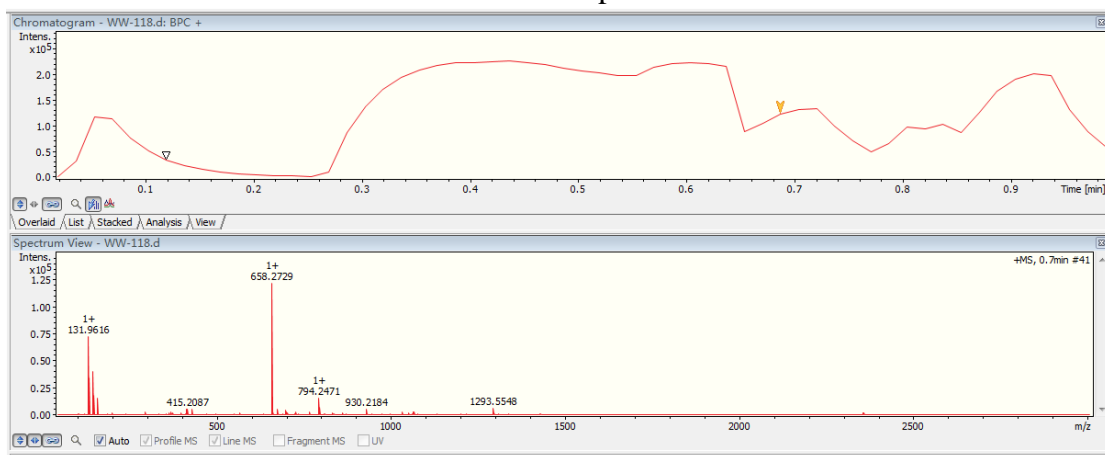
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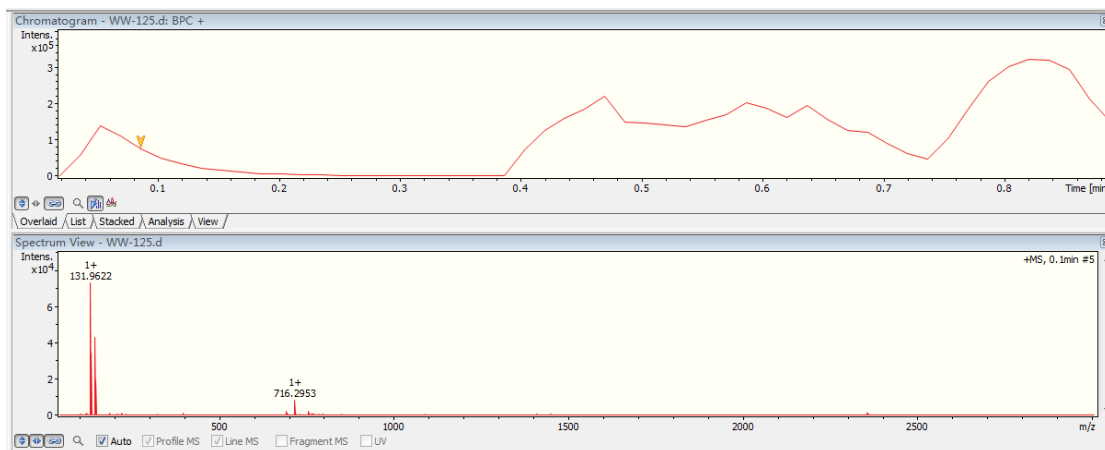
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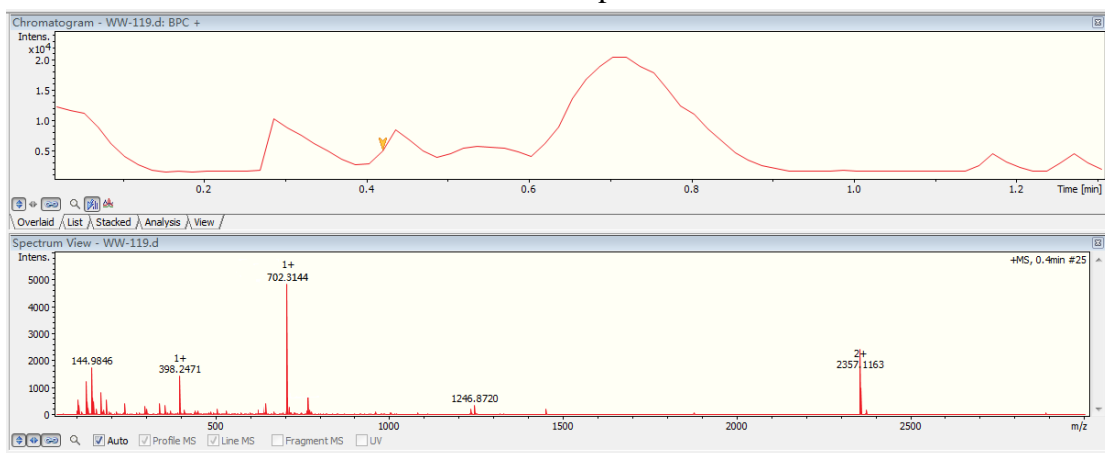
HR-MS of compound **7b**



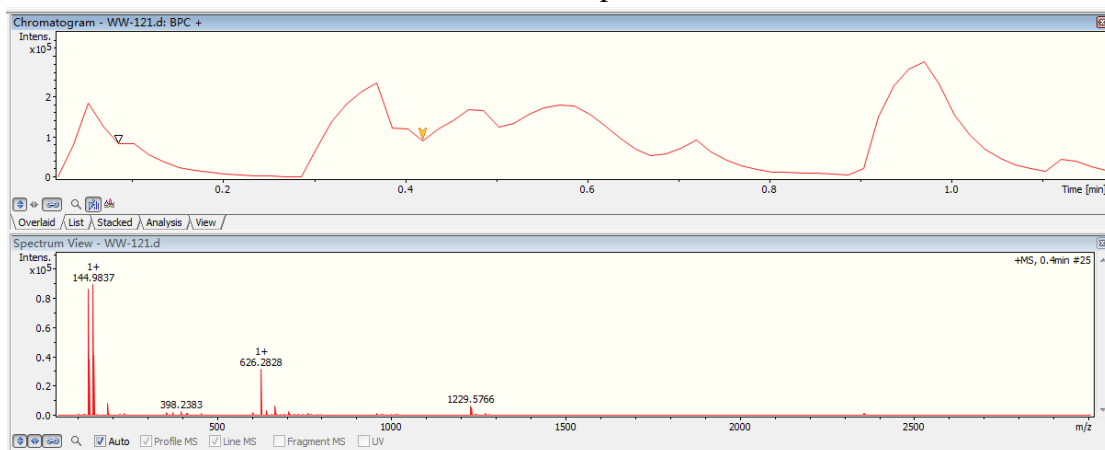
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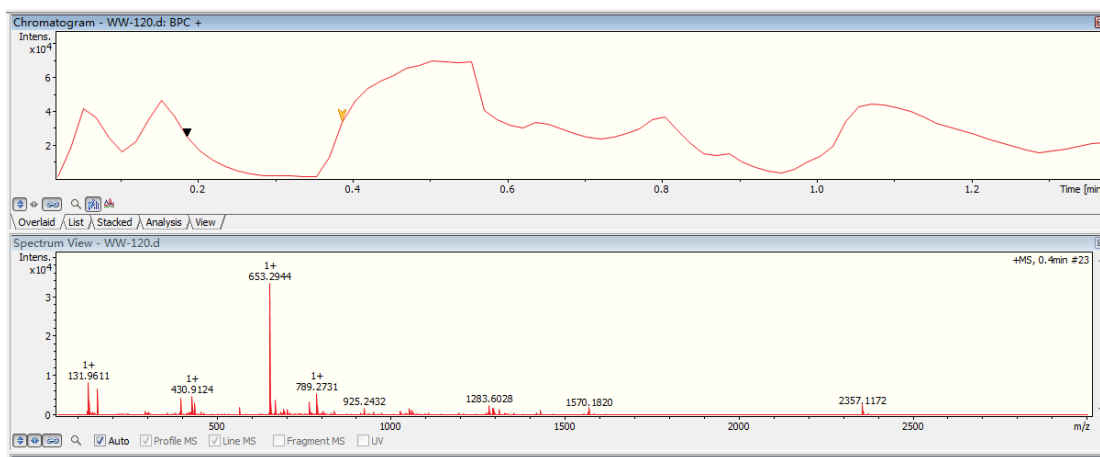
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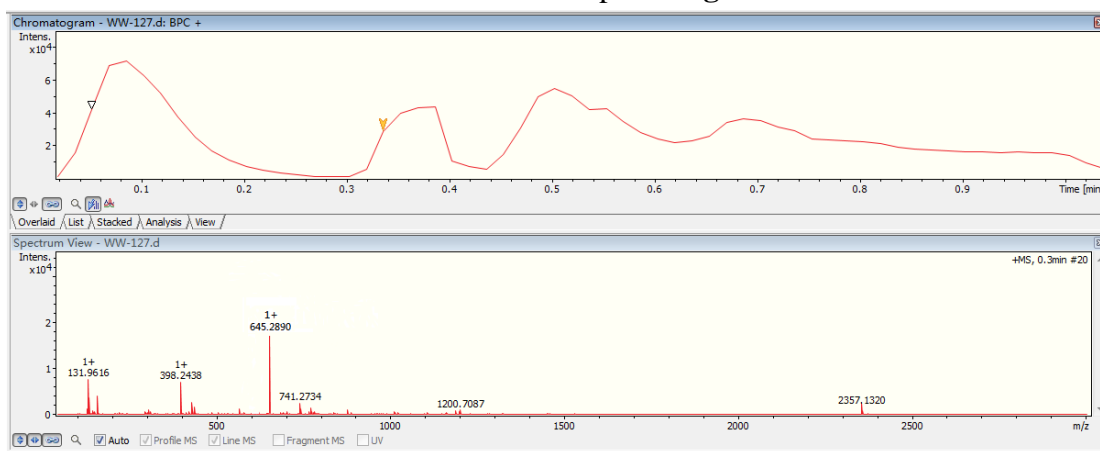
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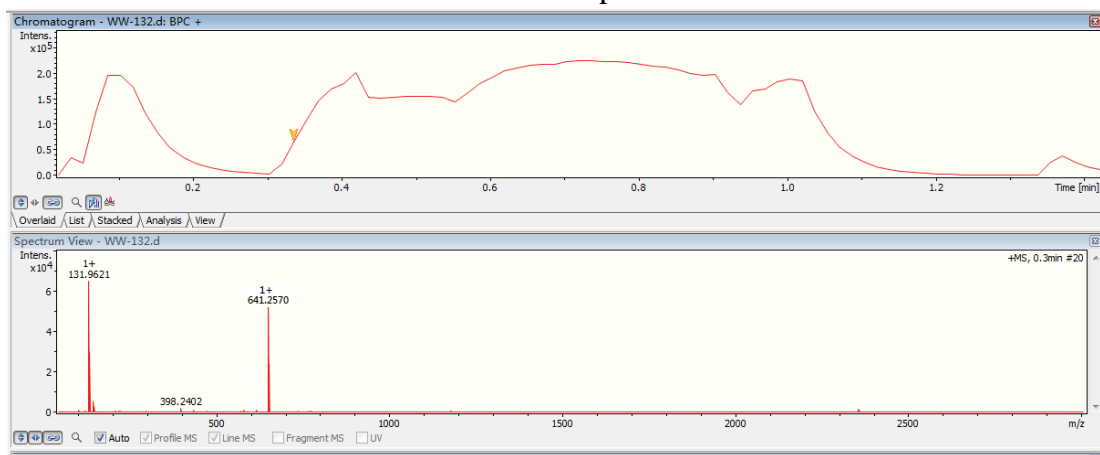
HR-MS of compound 7f



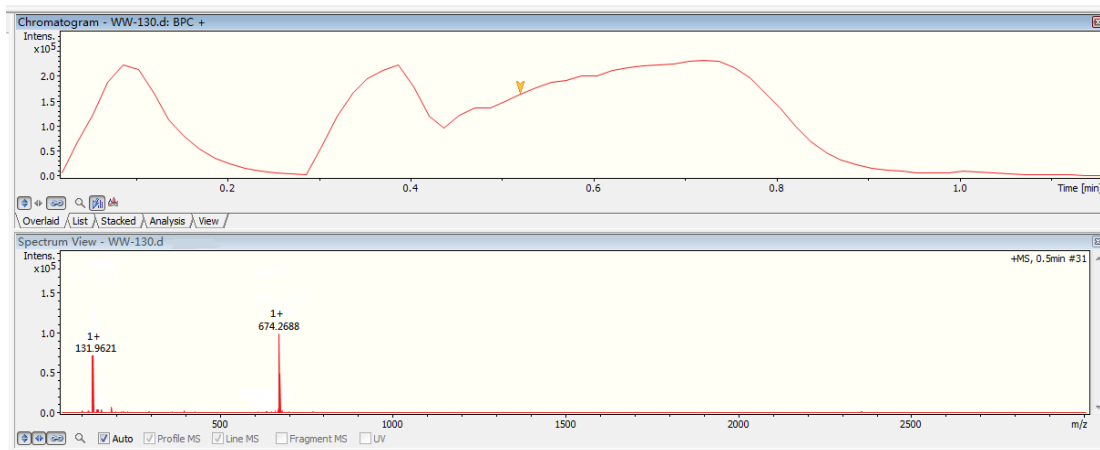
HR-MS of compound **7g**



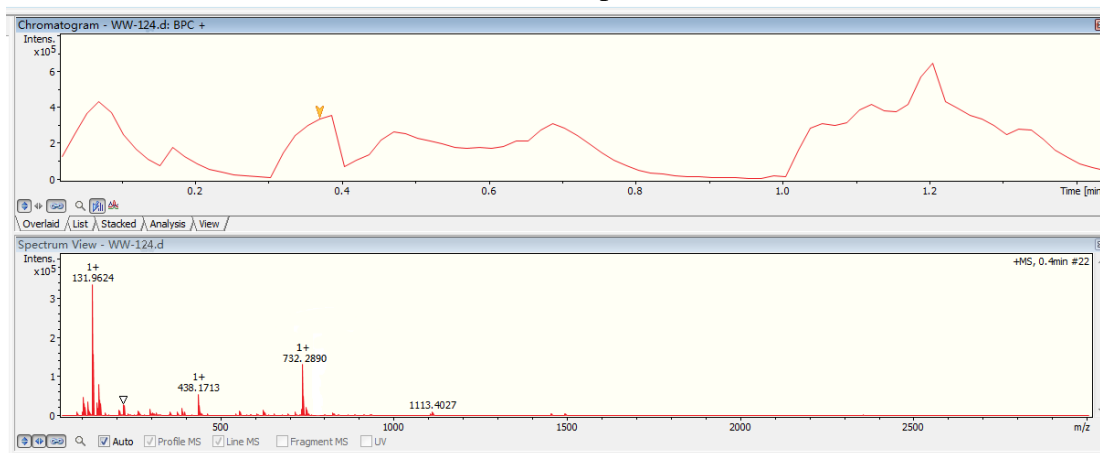
HR-MS of compound **8a**



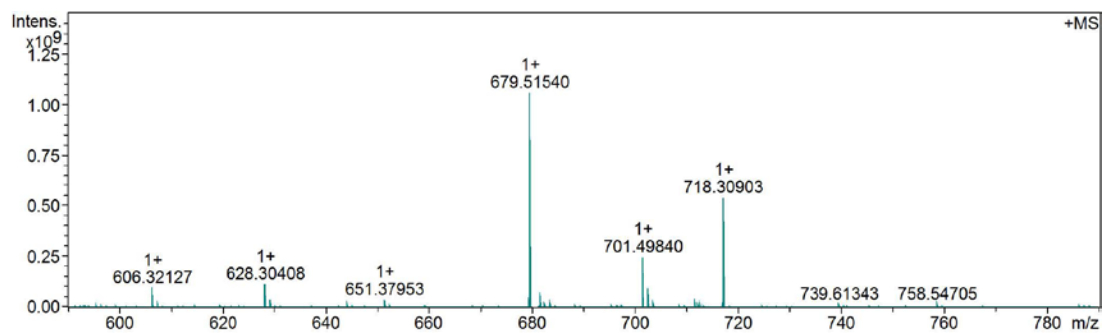
HR-MS of compound **8b**



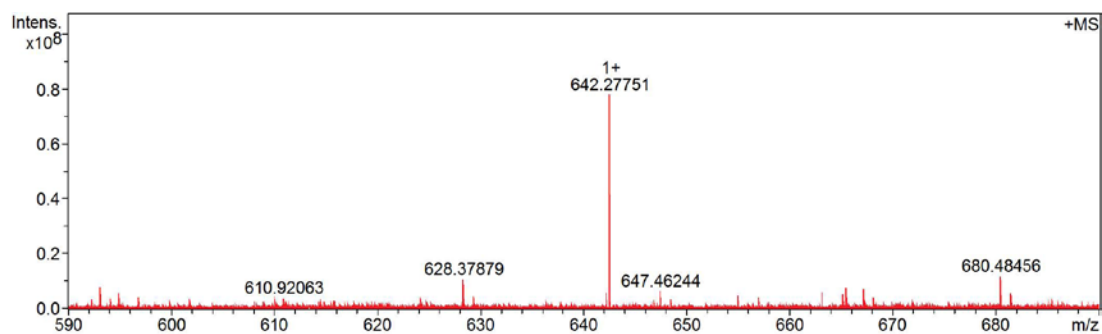
HR-MS of compound **8c**



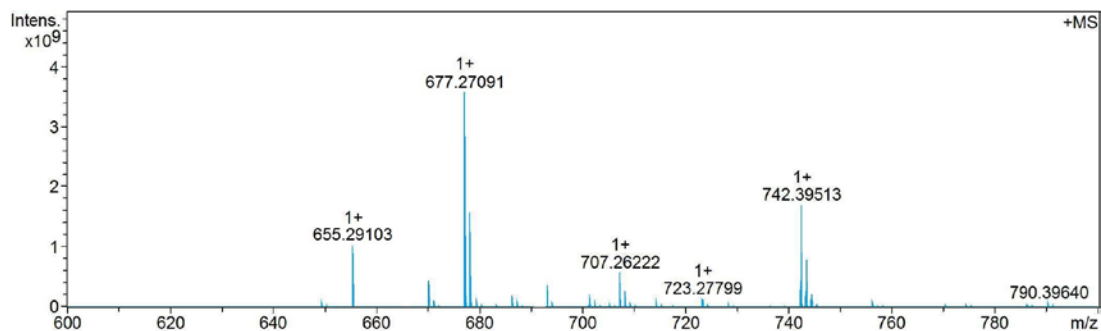
HR-MS of compound **8d**



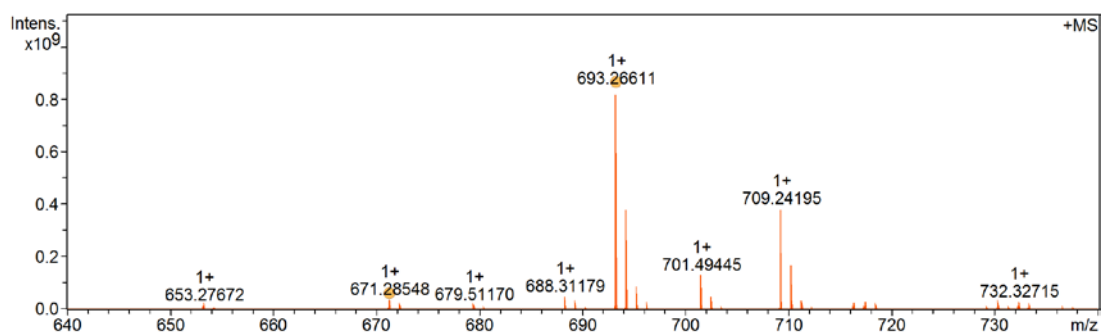
HR-MS of compound **8e**



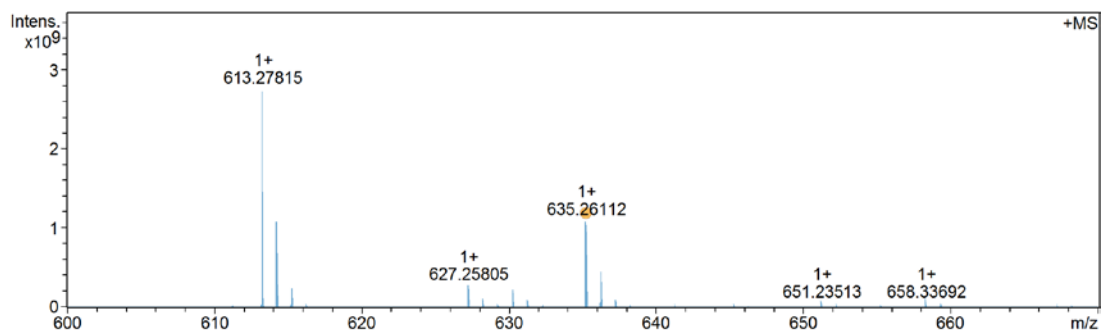
HR-MS of compound **8f**



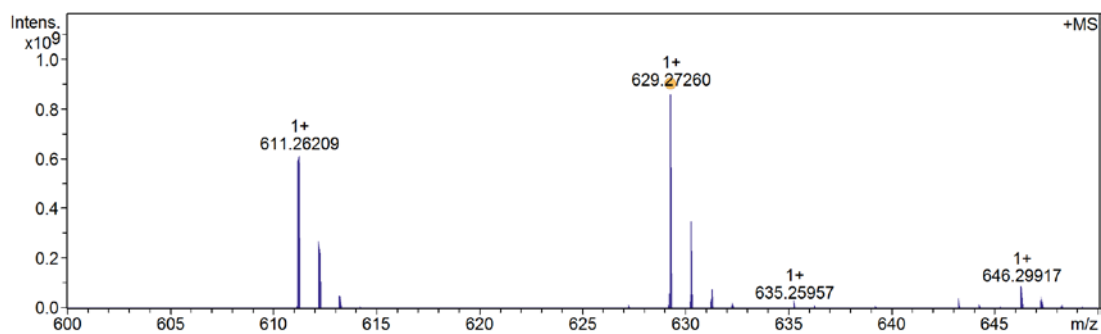
HR-MS of compound **7d1**



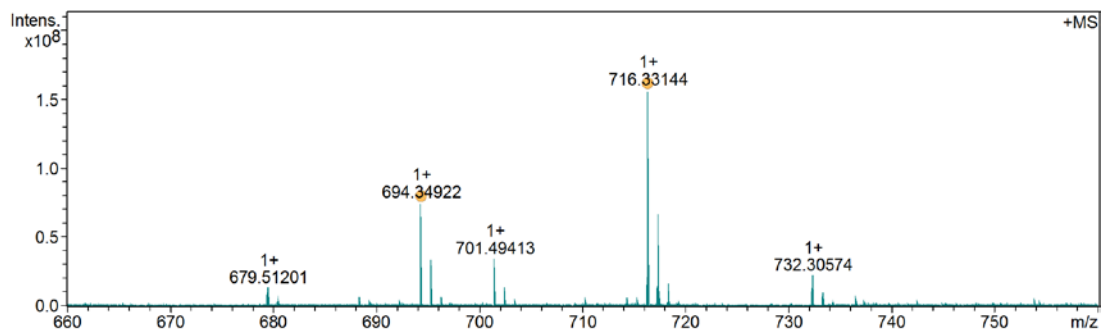
HR-MS of compound **8d1**



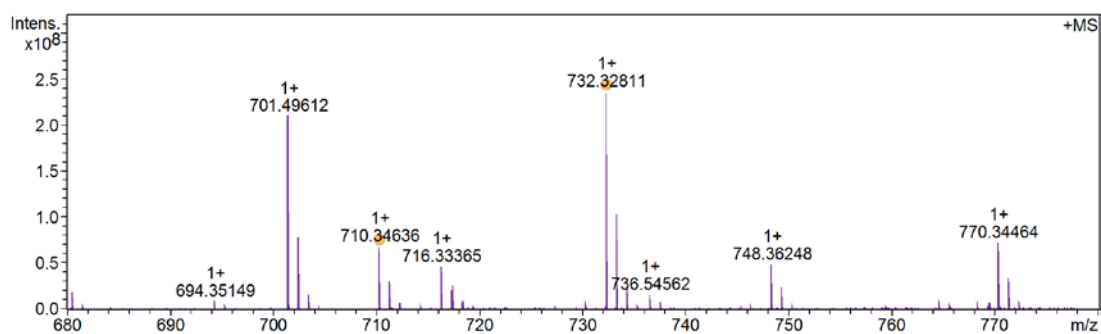
HR-MS of compound **7d2**



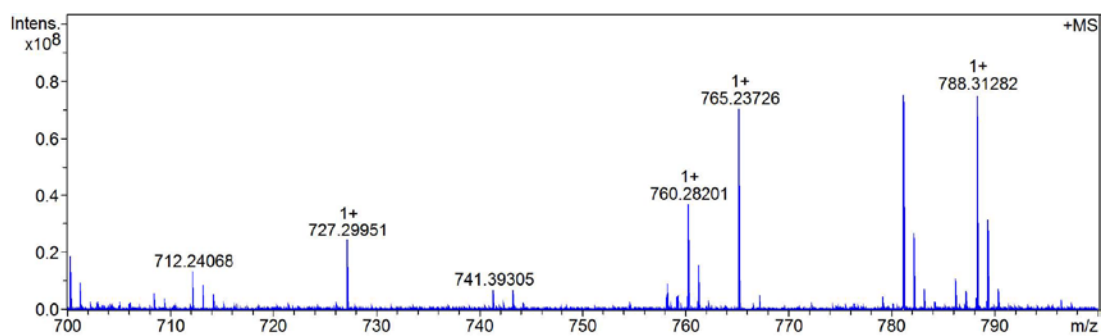
HR-MS of compound **8d2**



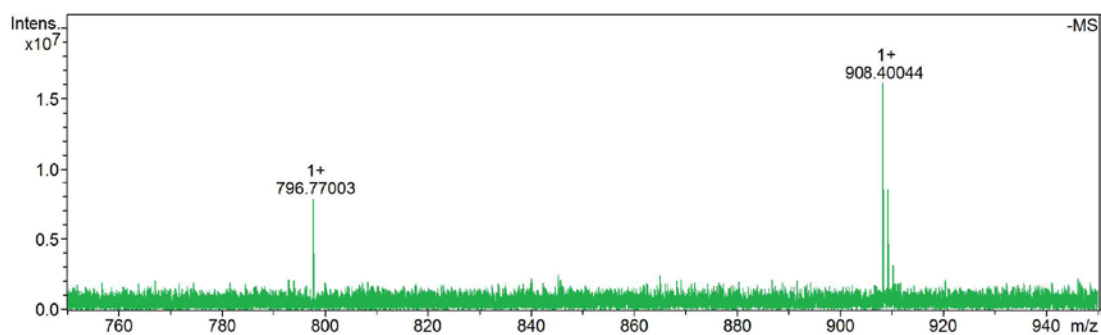
HR-MS of compound **7d3**



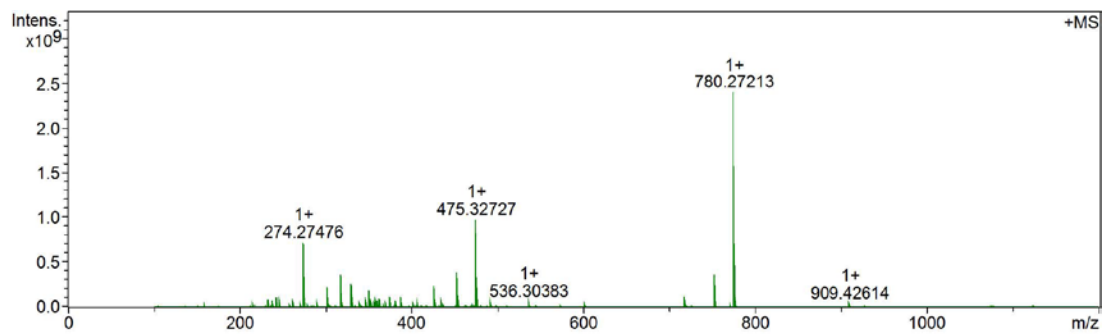
HR-MS of compound **8d3**



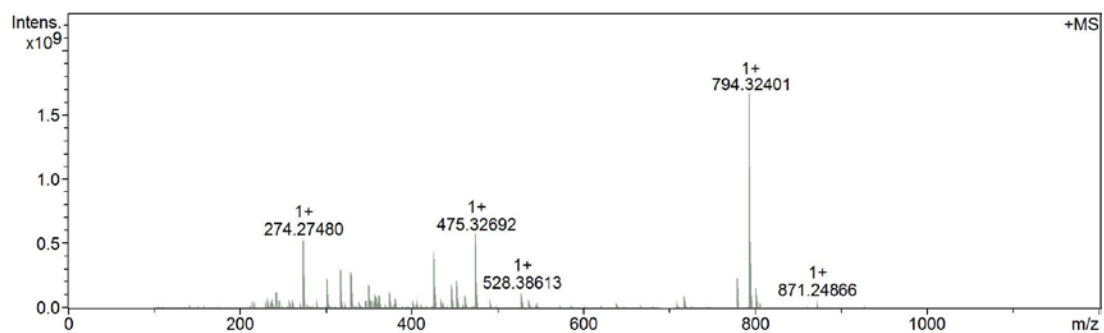
HR-MS of compound **8d4**



HR-MS of compound **8h**



HR-MS of compound **8i**



HR-MS of compound **8j**