

Supplementary material

Highly Diastereoselective Synthesis of Polycyclic Amines via-Redox Neutral C-H Functionalization

New Journal of Chemistry

Chottanahalli. S. Pavan Kumar,^{a#} Kachigere. B. Harsha,^{a#} Nagarakere. C. Sandhaya,^a Ajjalli. B. Ramesha,^a Kempegowda Mantelingu,^{a*} and Kanchugarakoppal. S. Rangappa,^{a*}

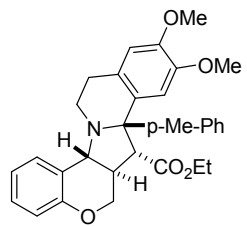
[#]DOS in Chemistry, University of Mysore, Manasagangotri, Mysuru-06, India

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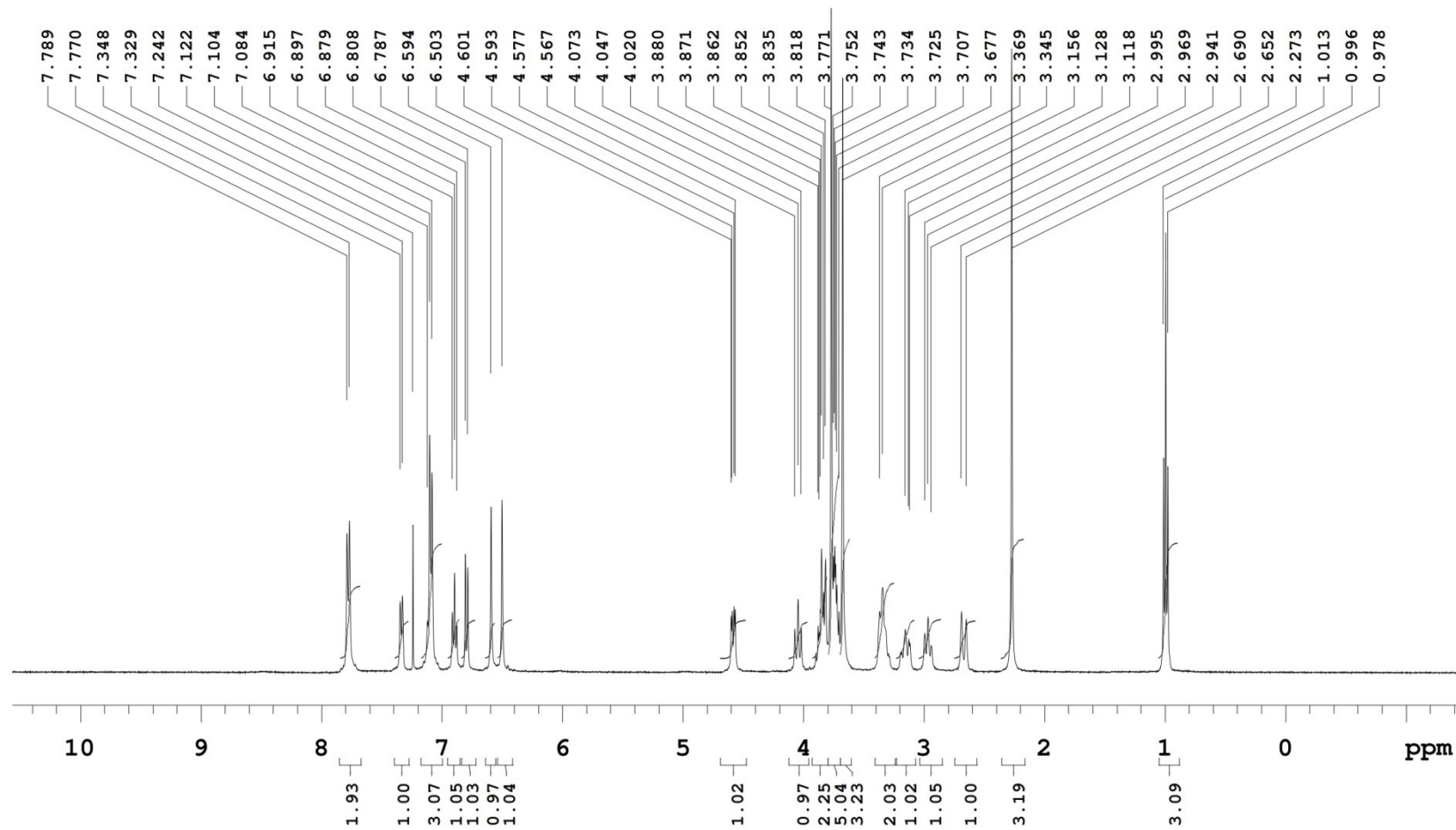
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Date: 01-07-2015

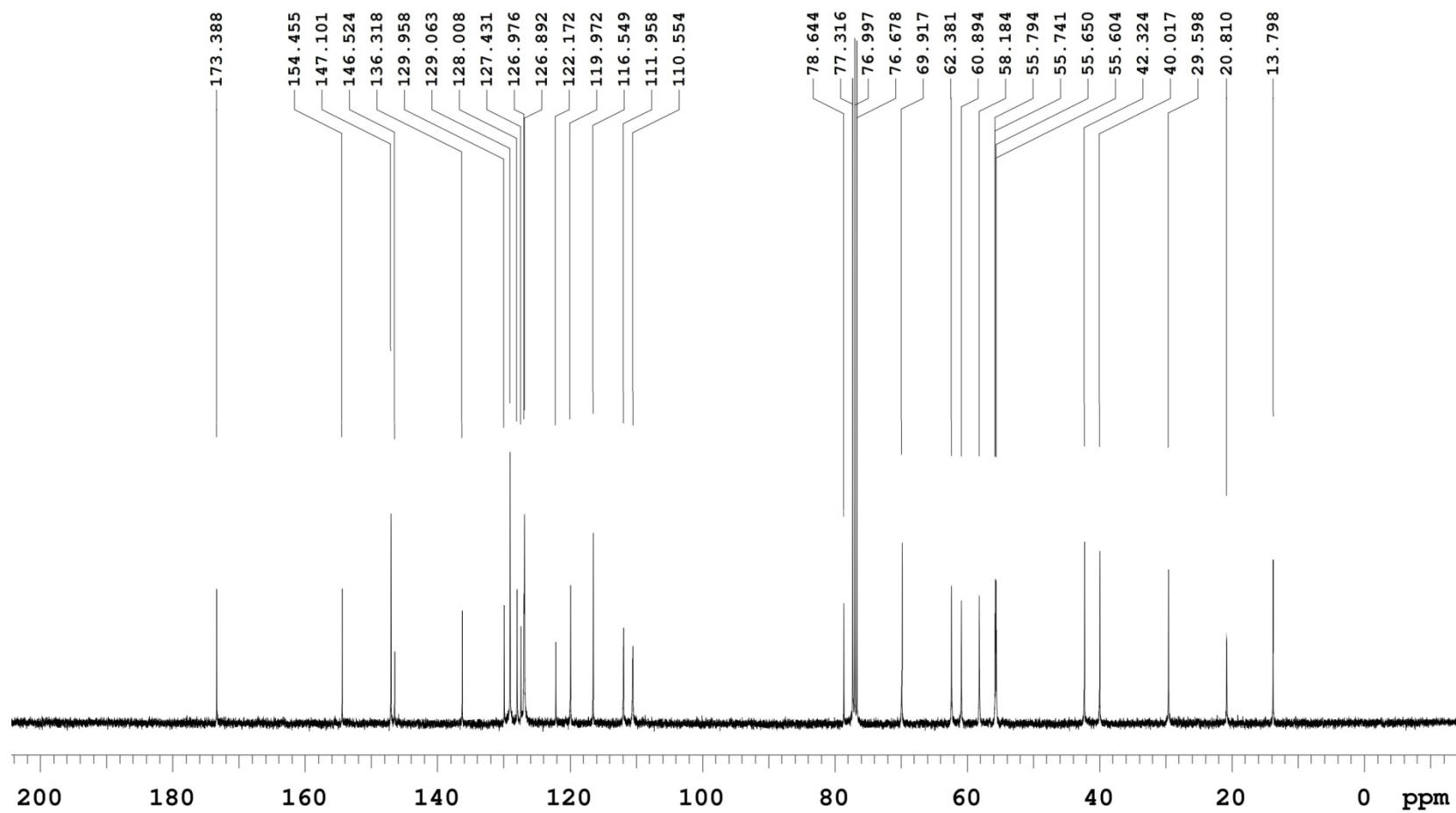
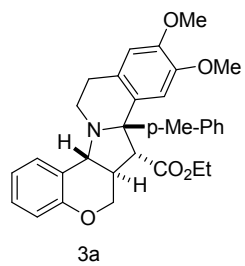
¹H NMR of **3a** in CDCl₃



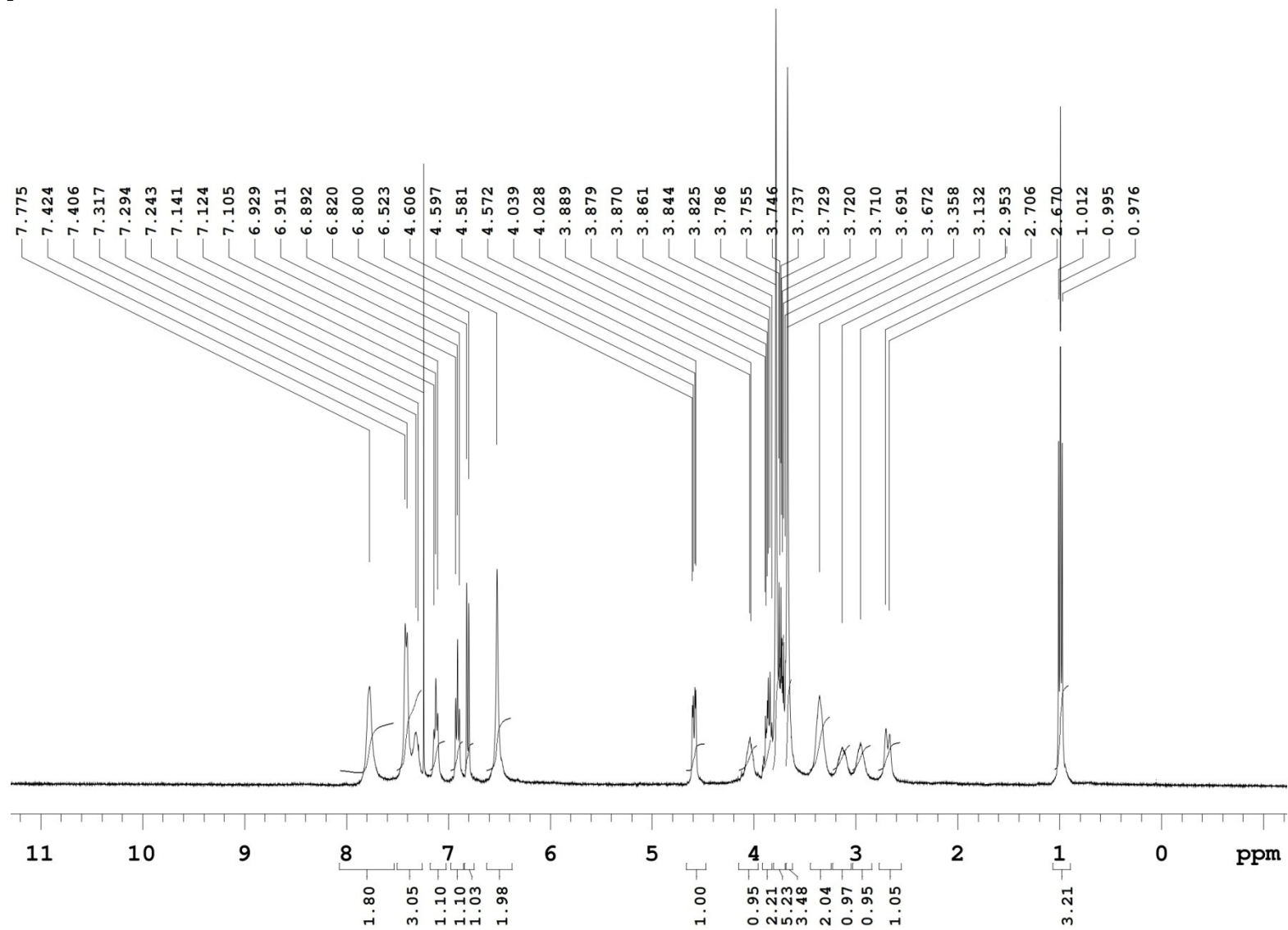
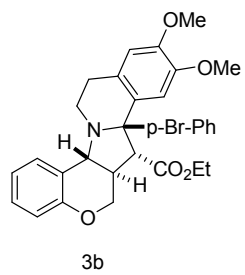
3a



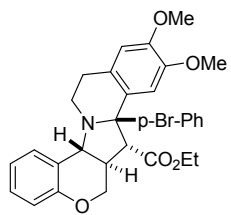
¹³C NMR of **3a** in CDCl₃



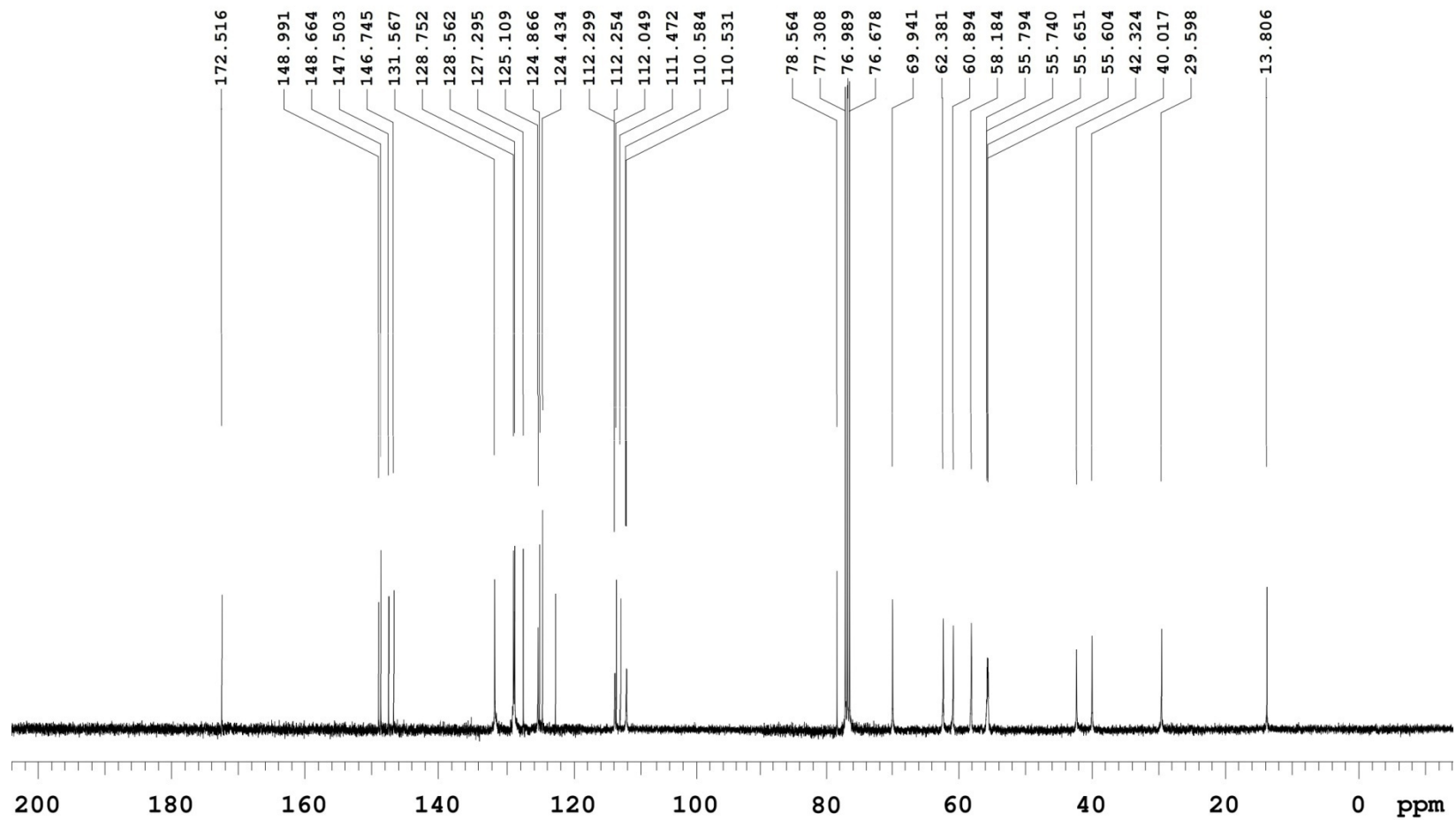
¹H NMR of **3b** in CDCl₃



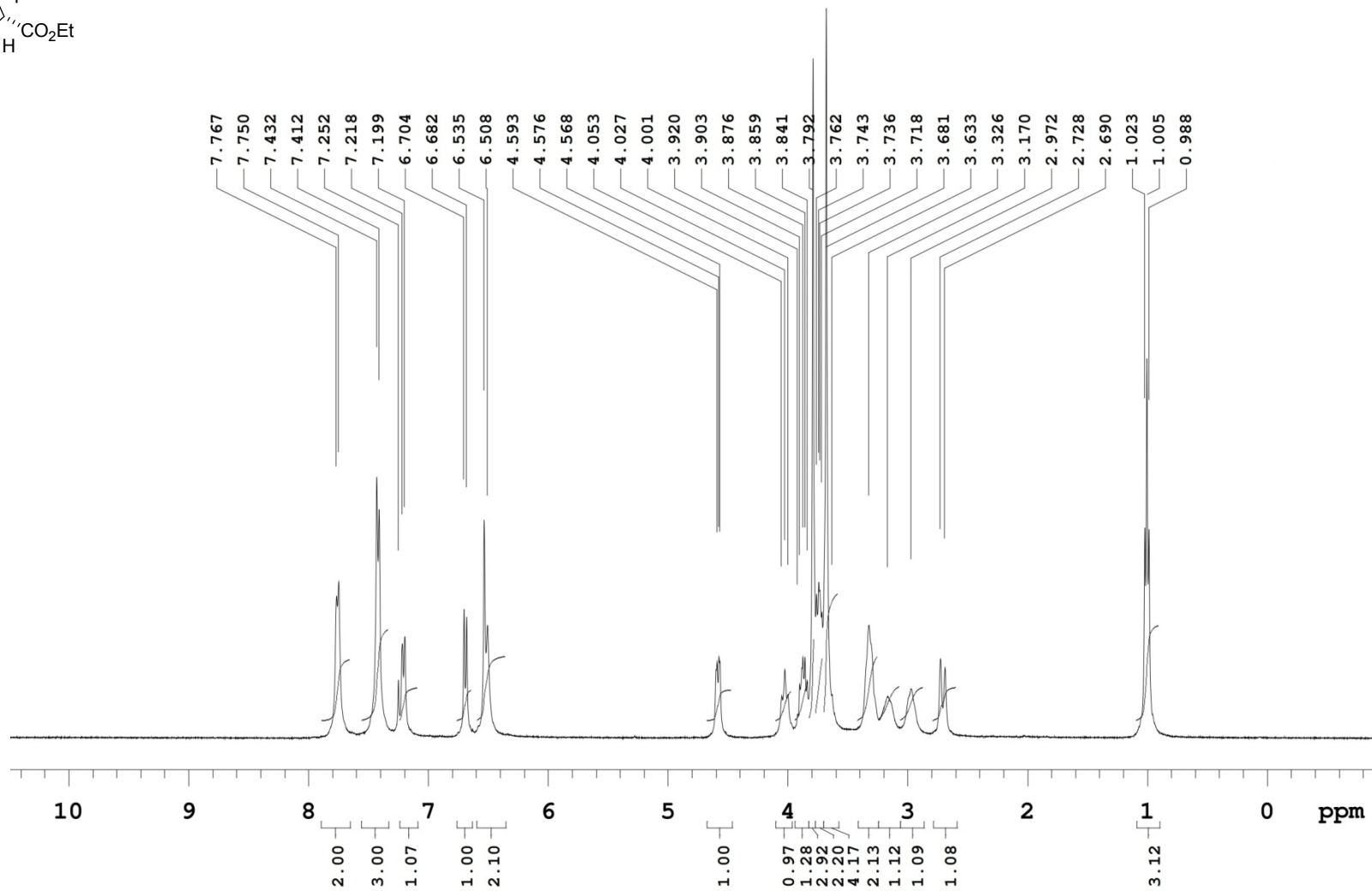
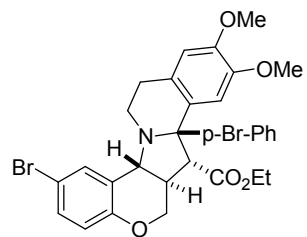
^{13}C NMR of **3b** in CDCl_3



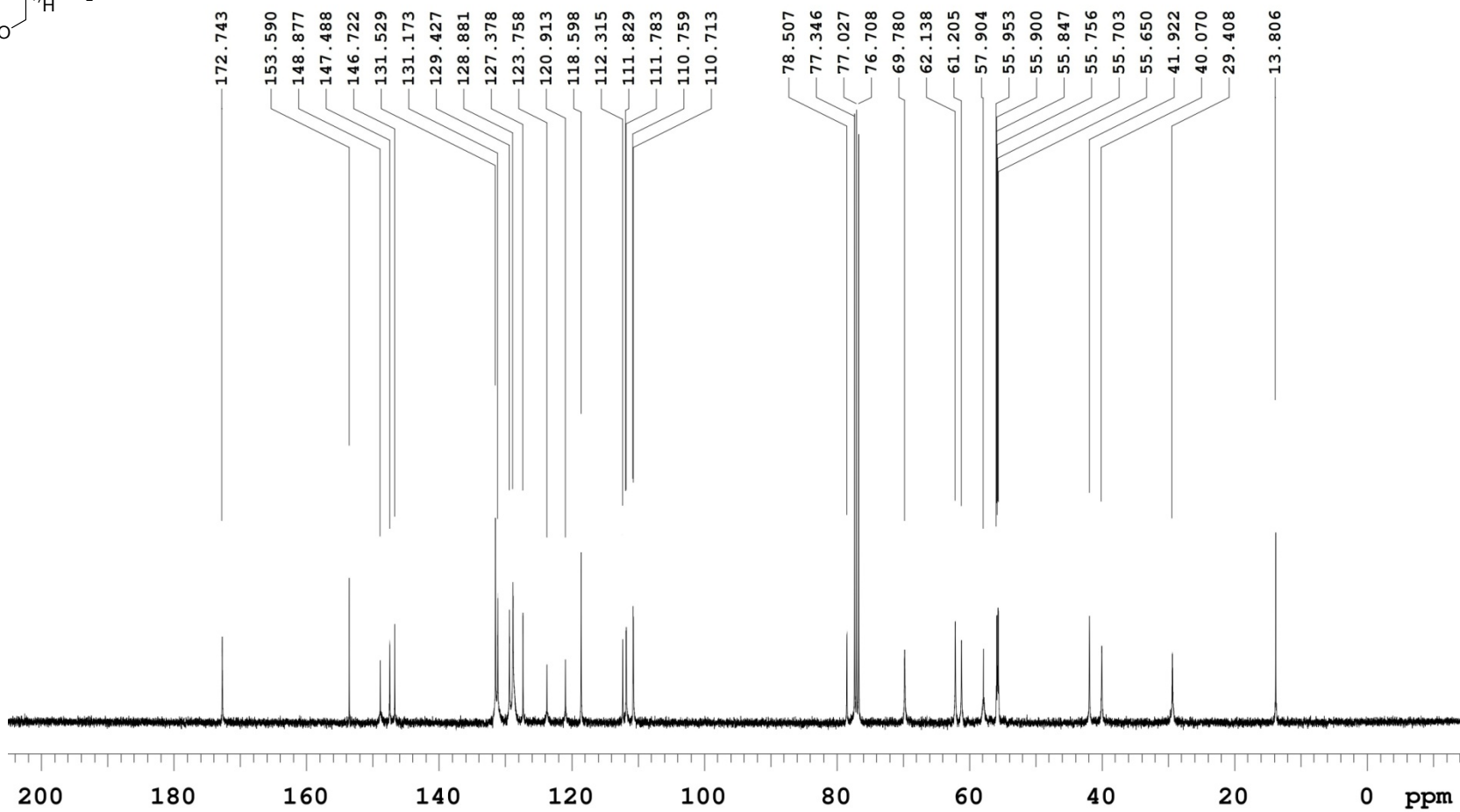
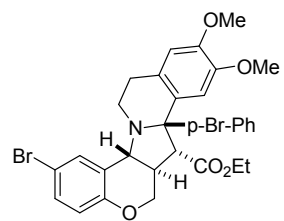
3b



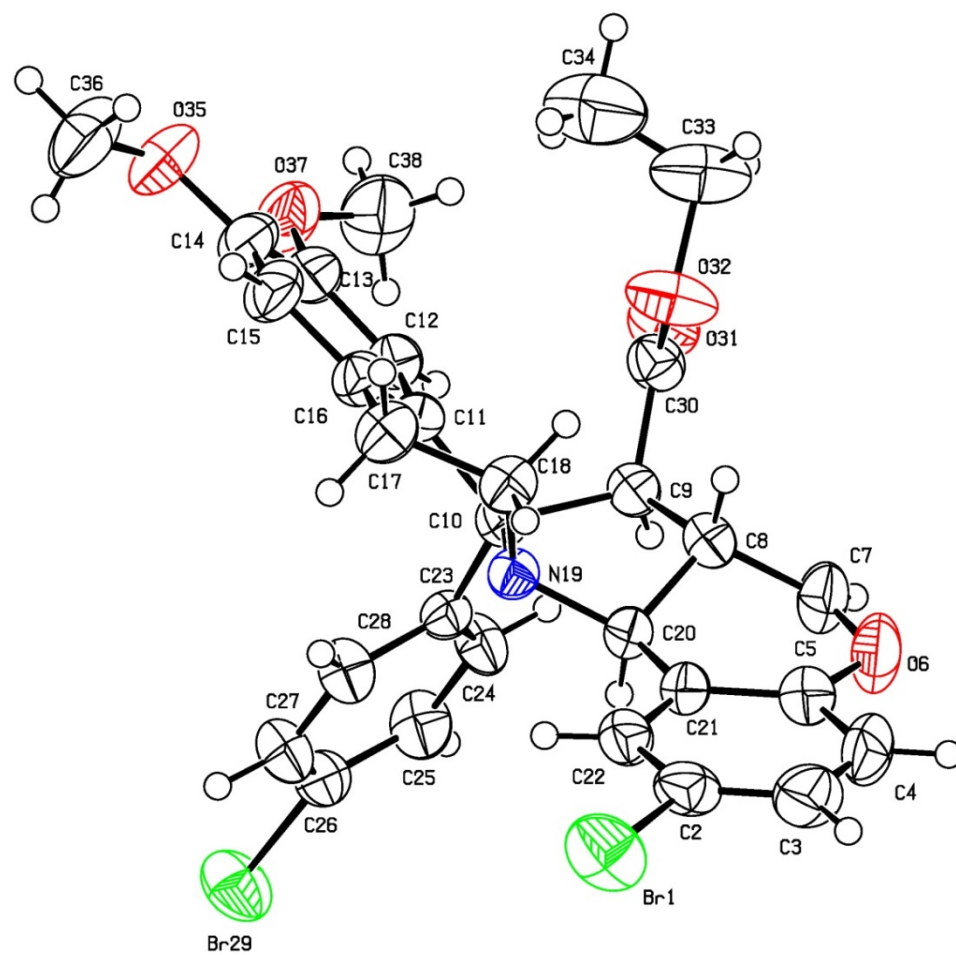
¹H NMR of **3c** in CDCl₃



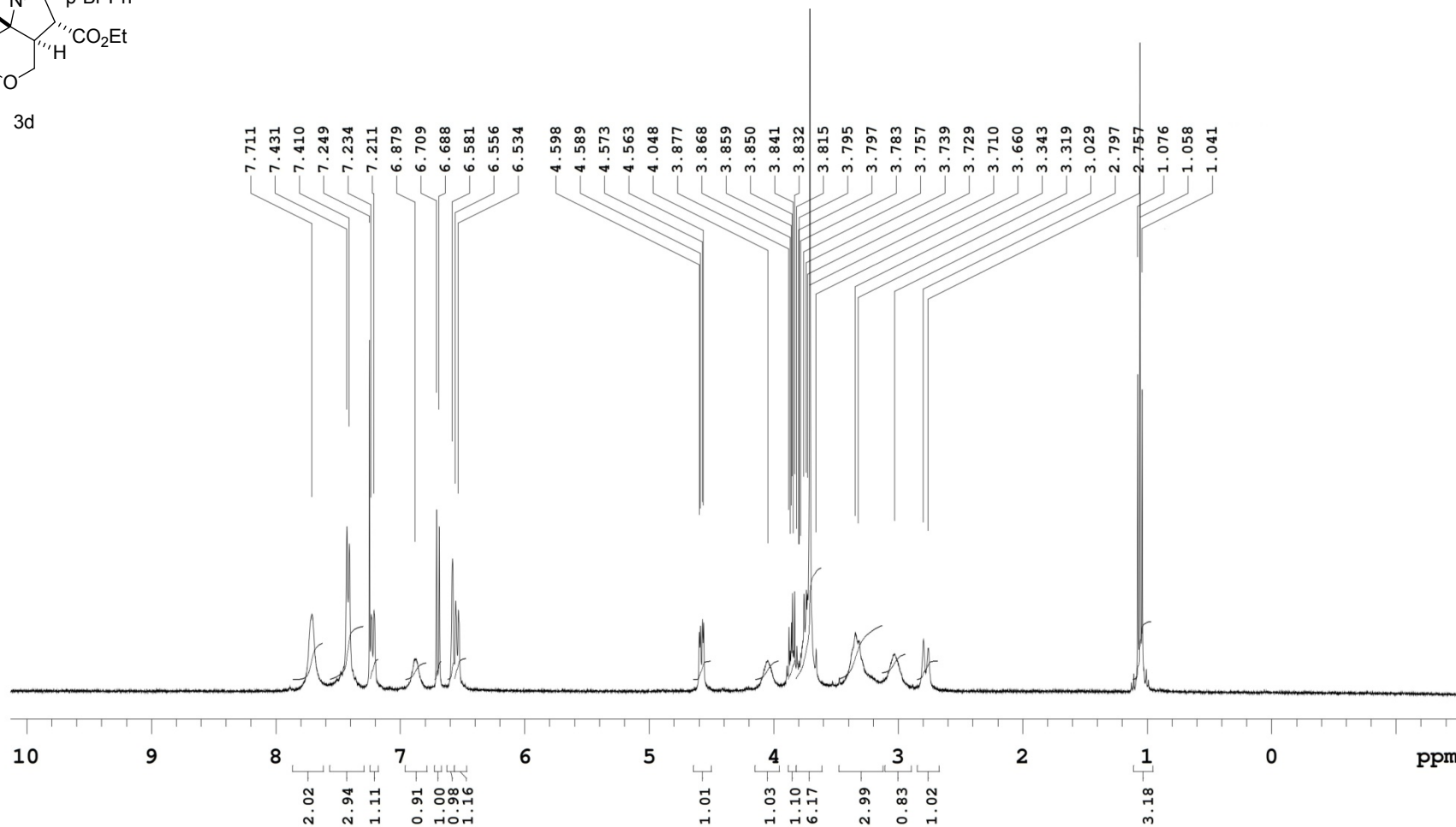
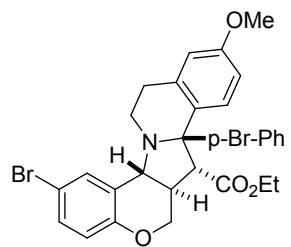
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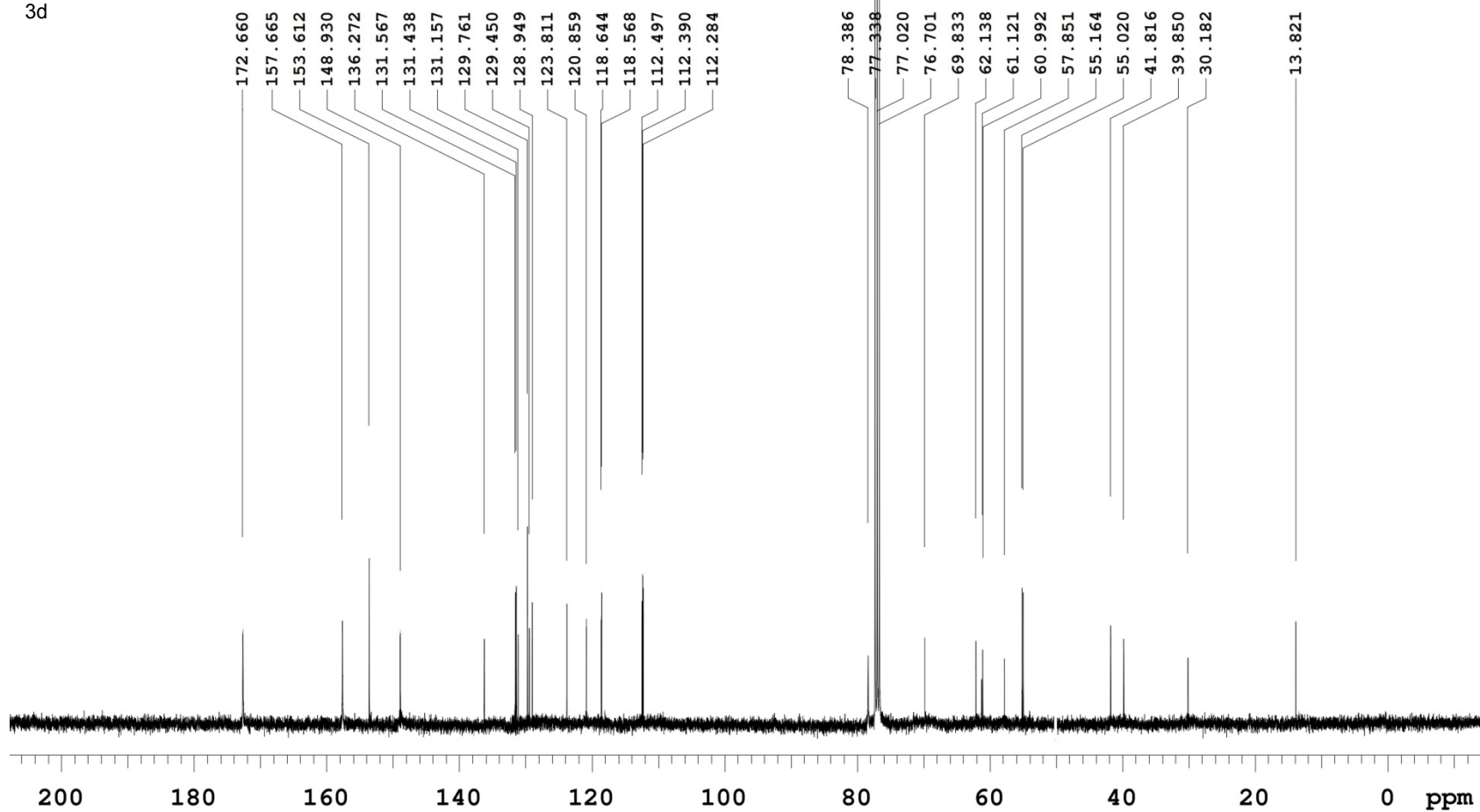
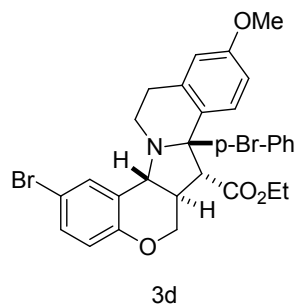
ORTEP diagram of **3c**



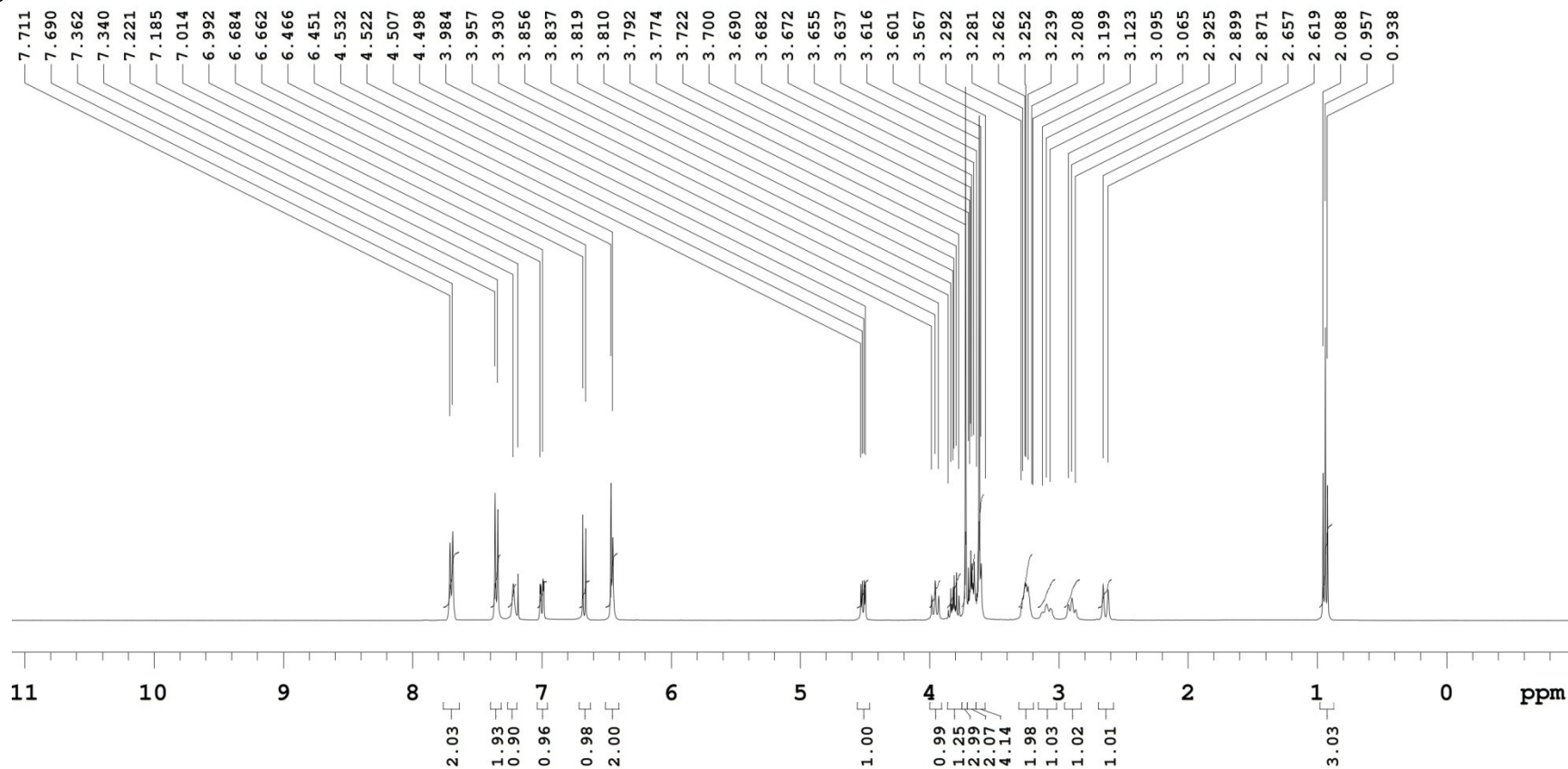
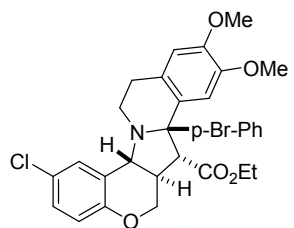
¹H NMR of **3d** in CDCl₃



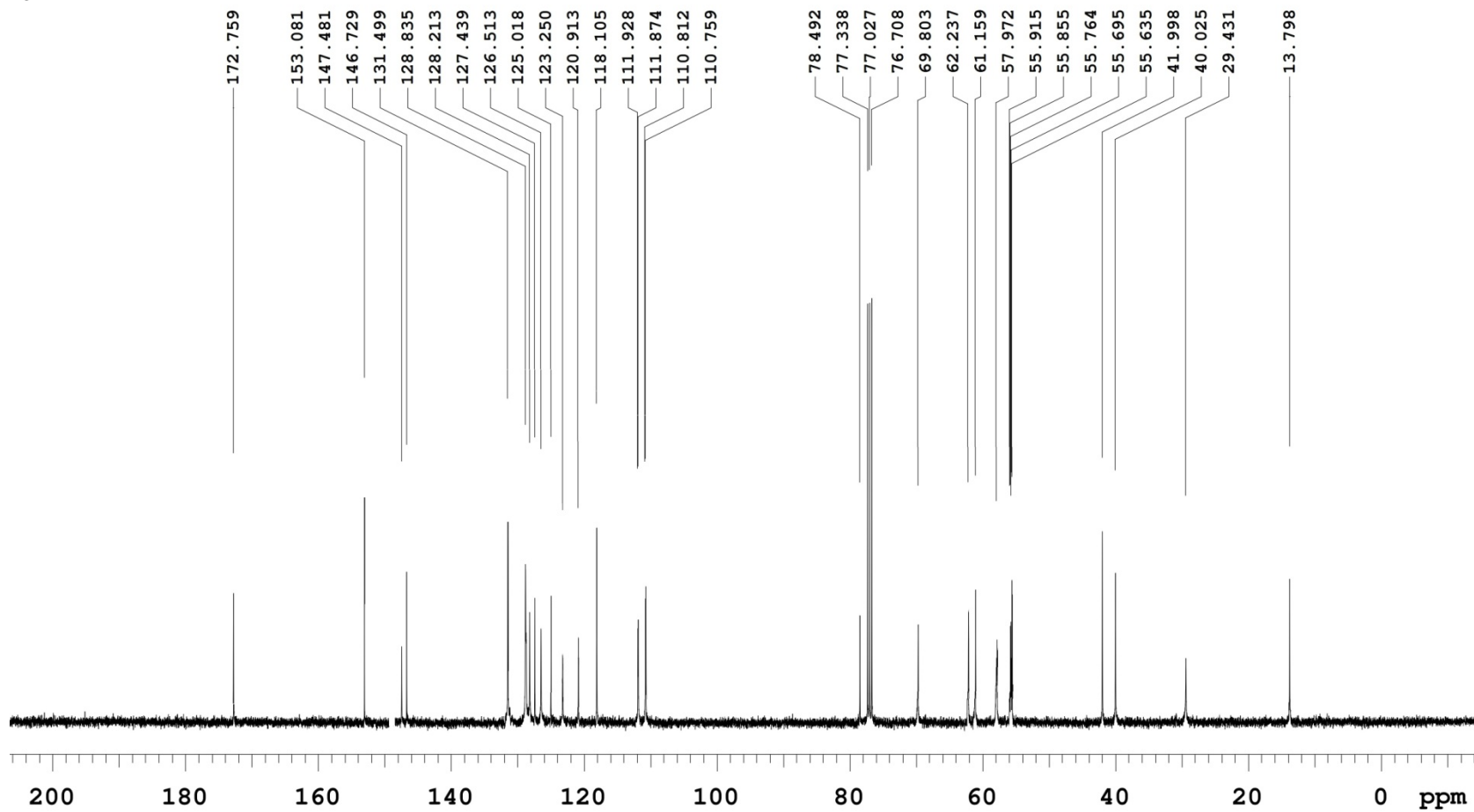
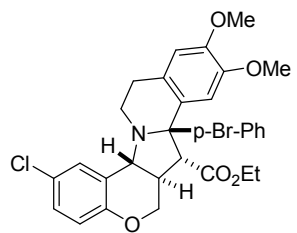
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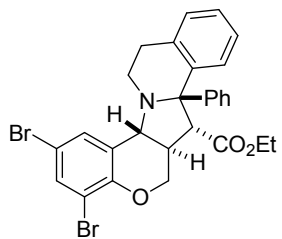
¹H NMR of **3e** in CDCl₃



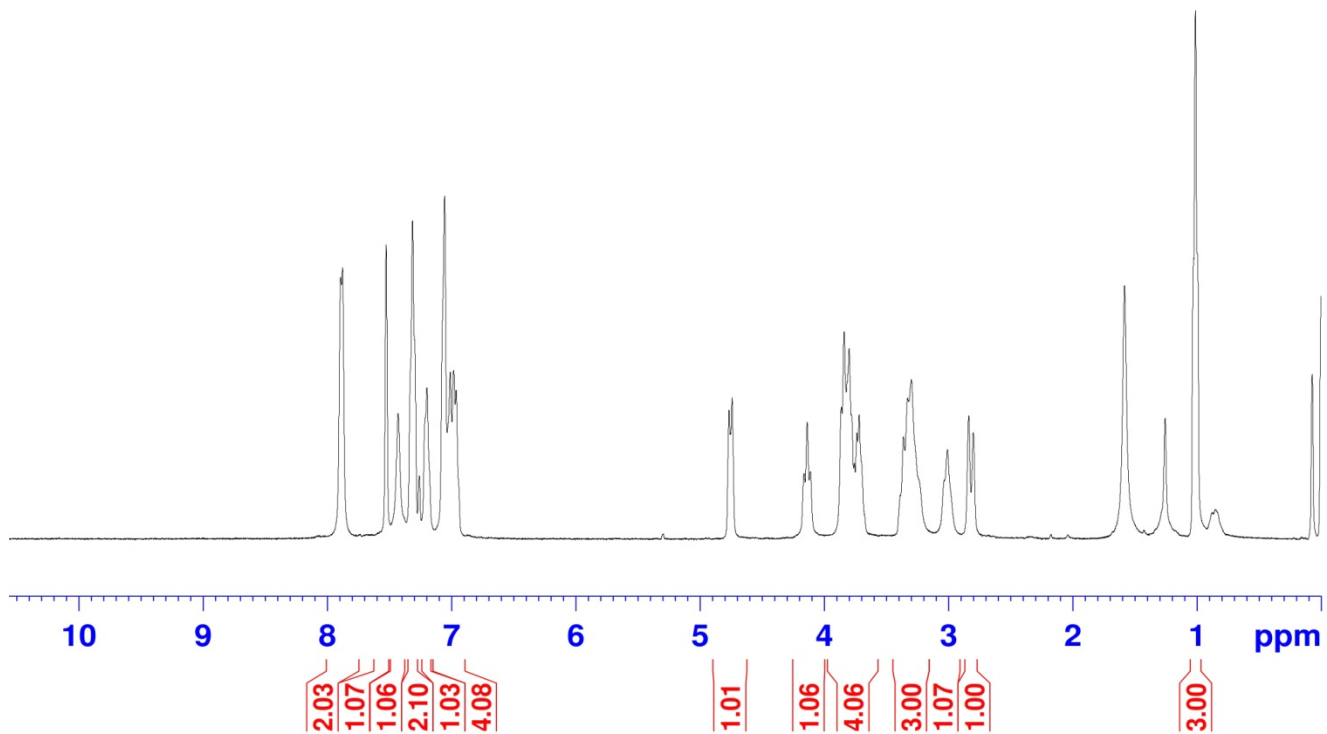
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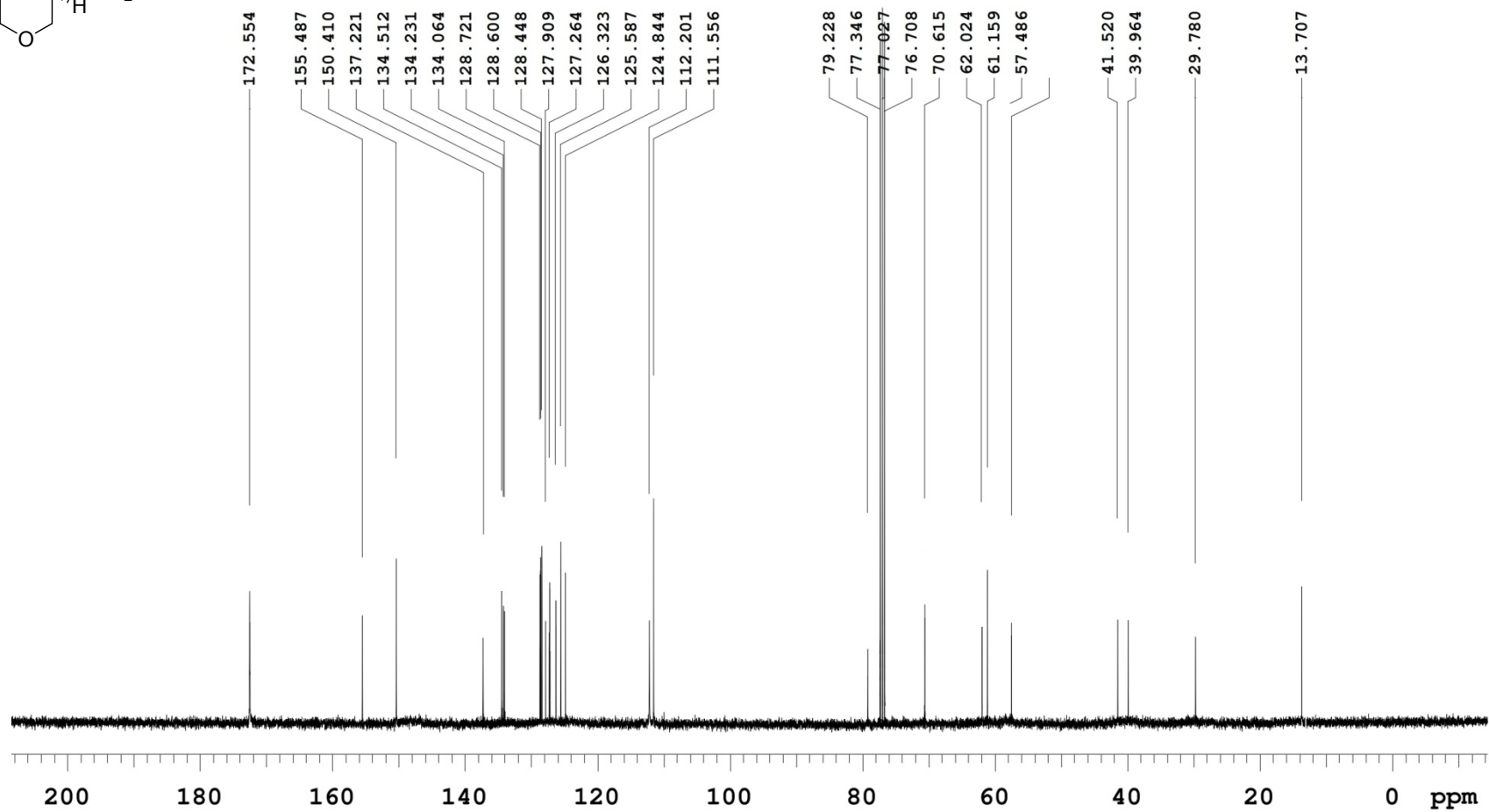
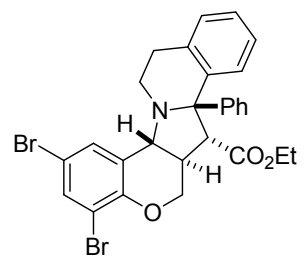
^1H NMR of **3f** in CDCl_3

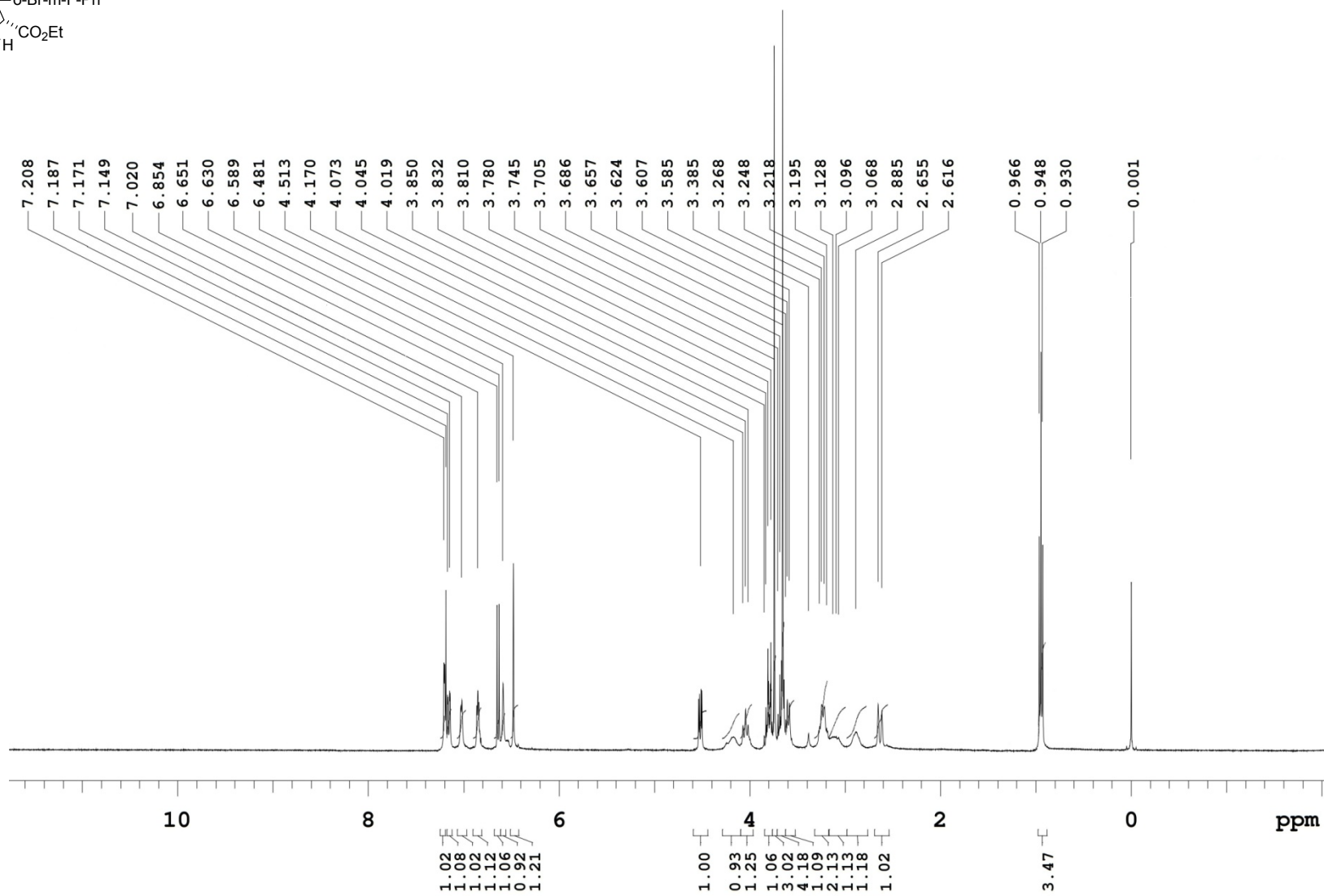
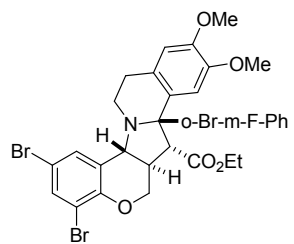


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7.527
7.430
7.314
7.198
7.056
7.011
6.984
6.962
4.767
4.742
4.163
4.138
4.111
3.840
3.799
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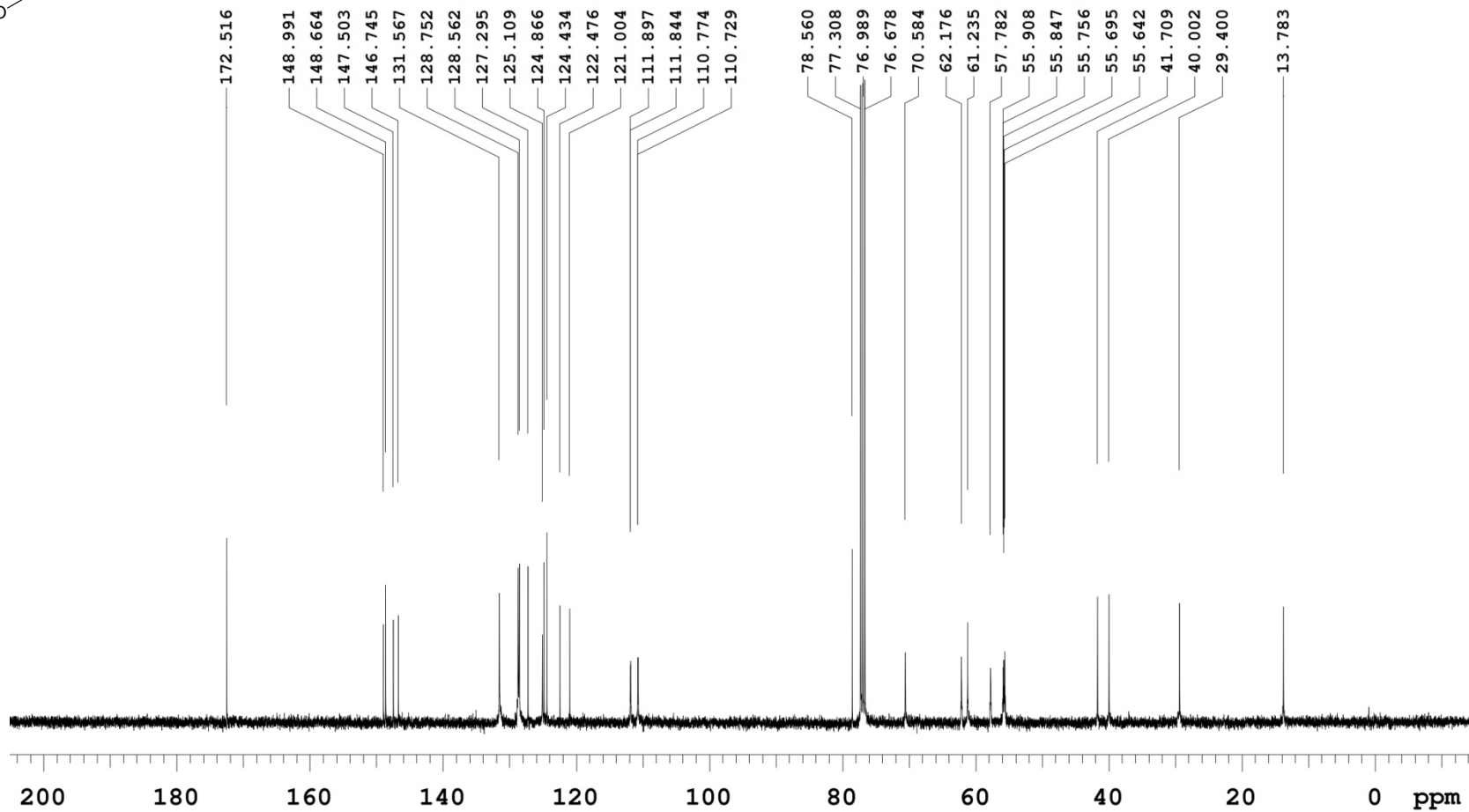
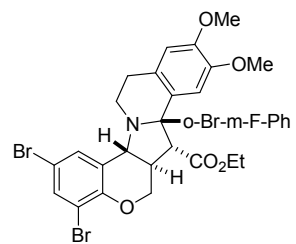


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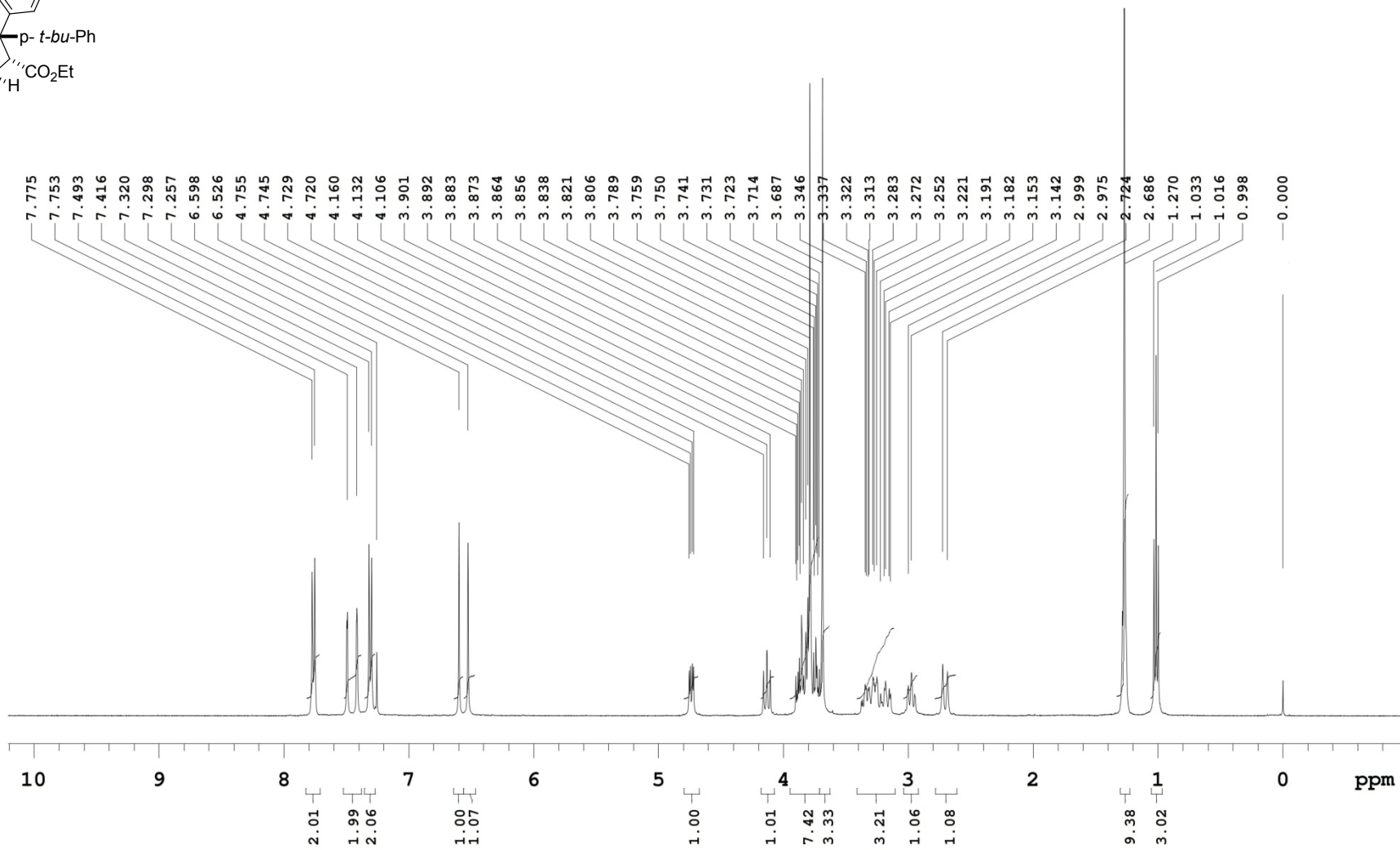
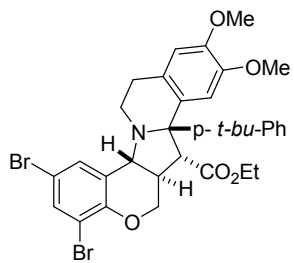




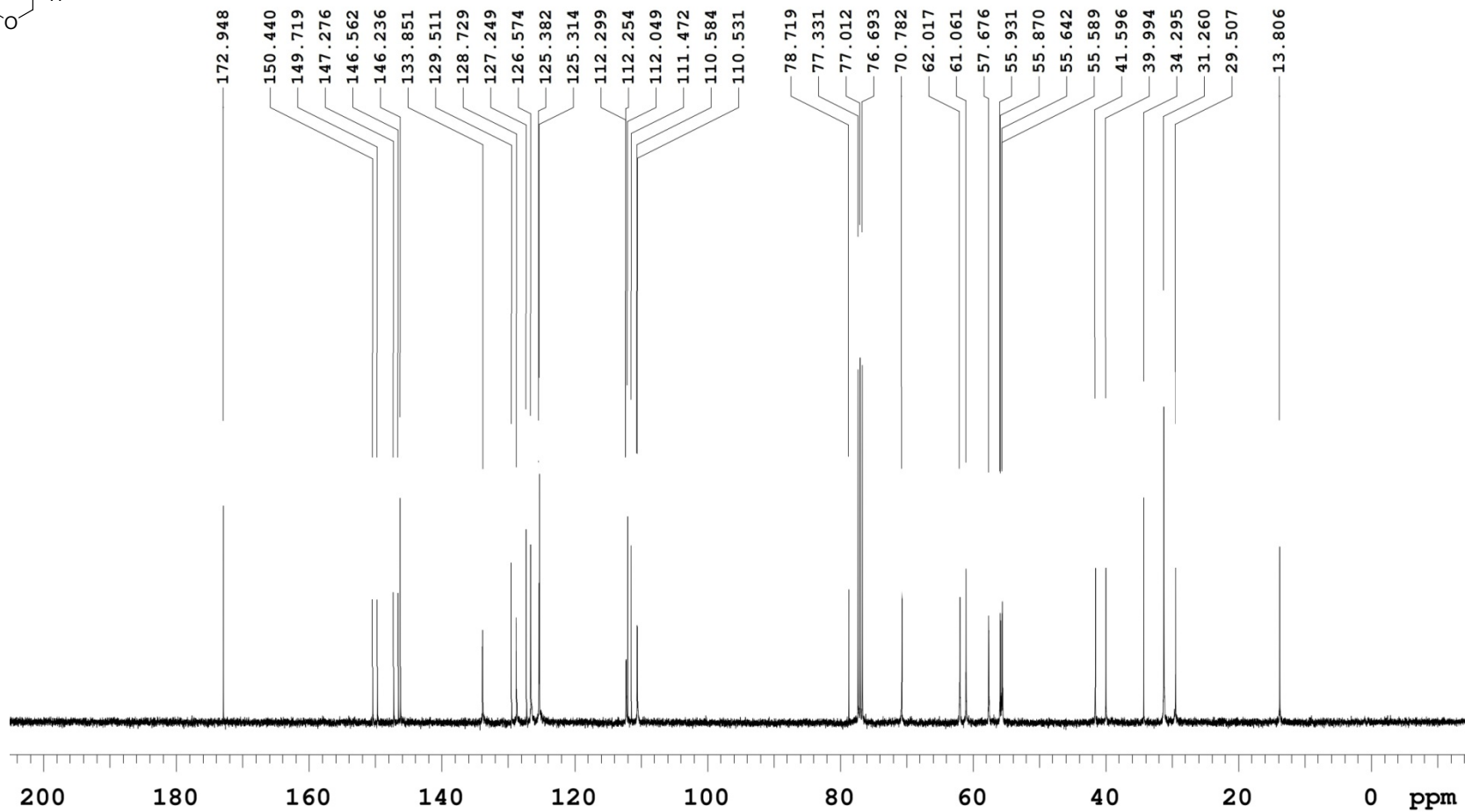
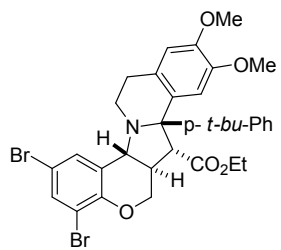
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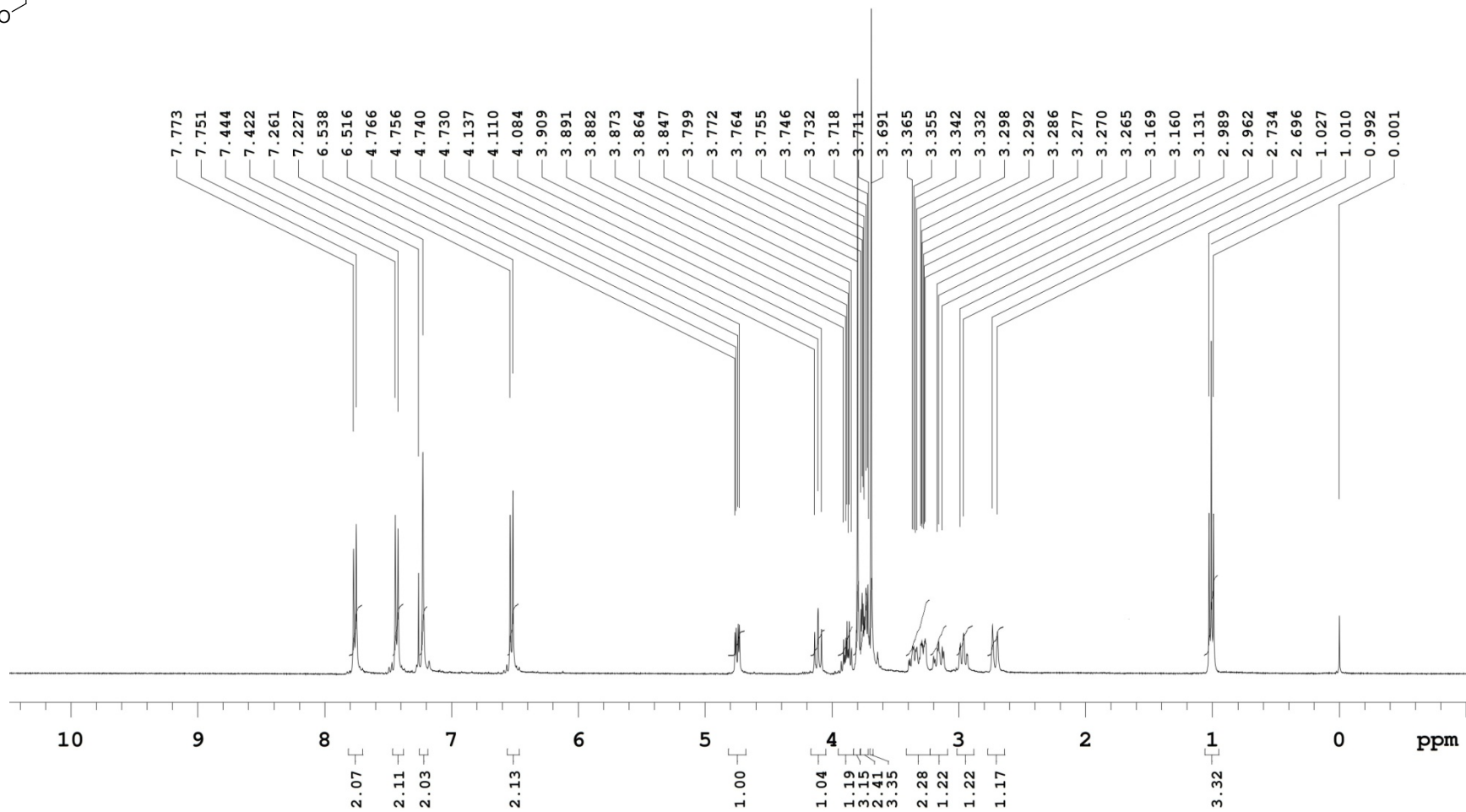
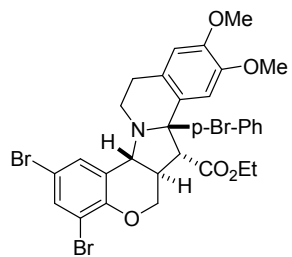
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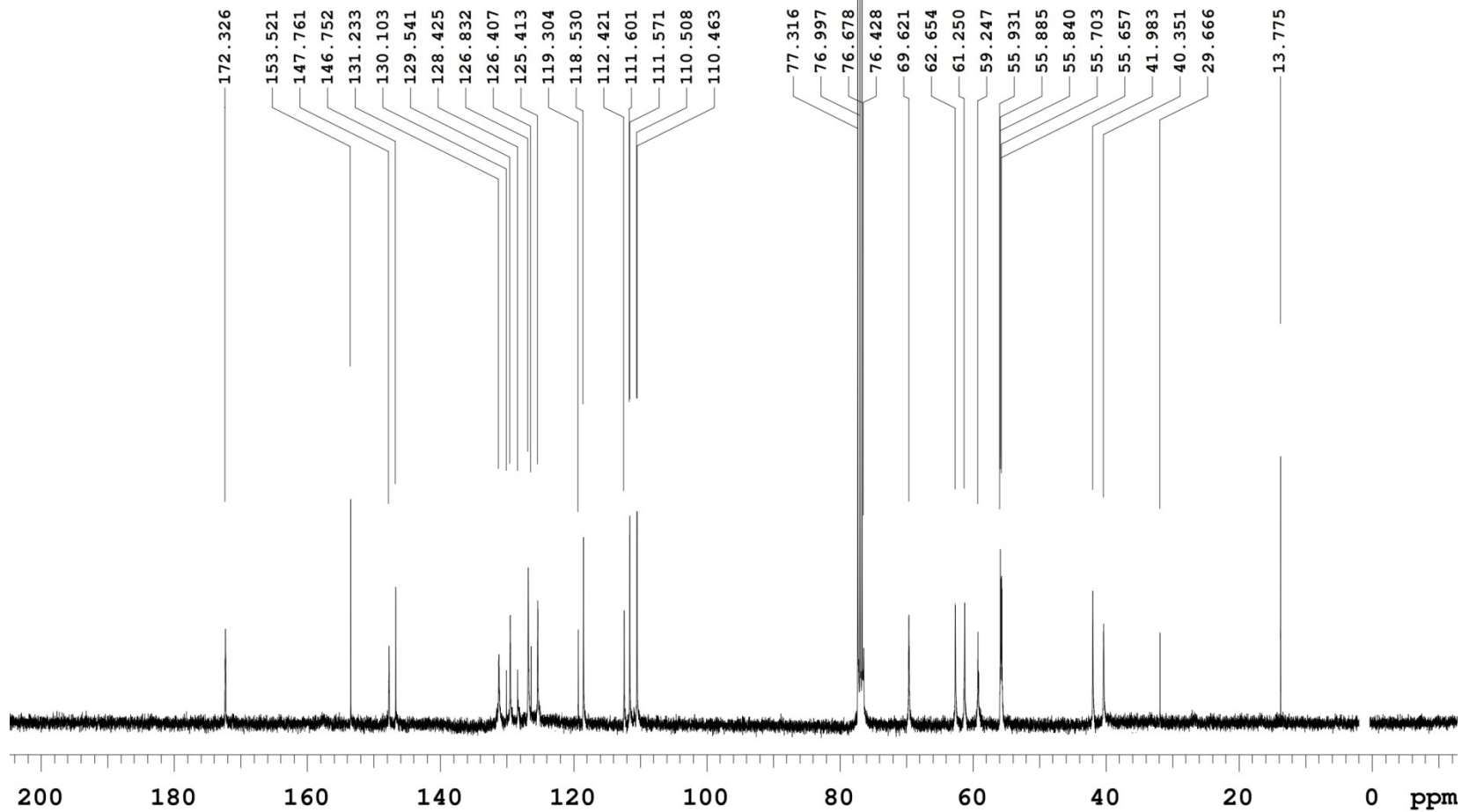
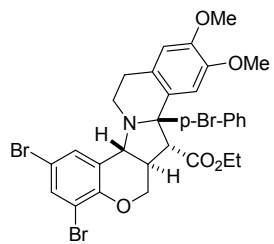
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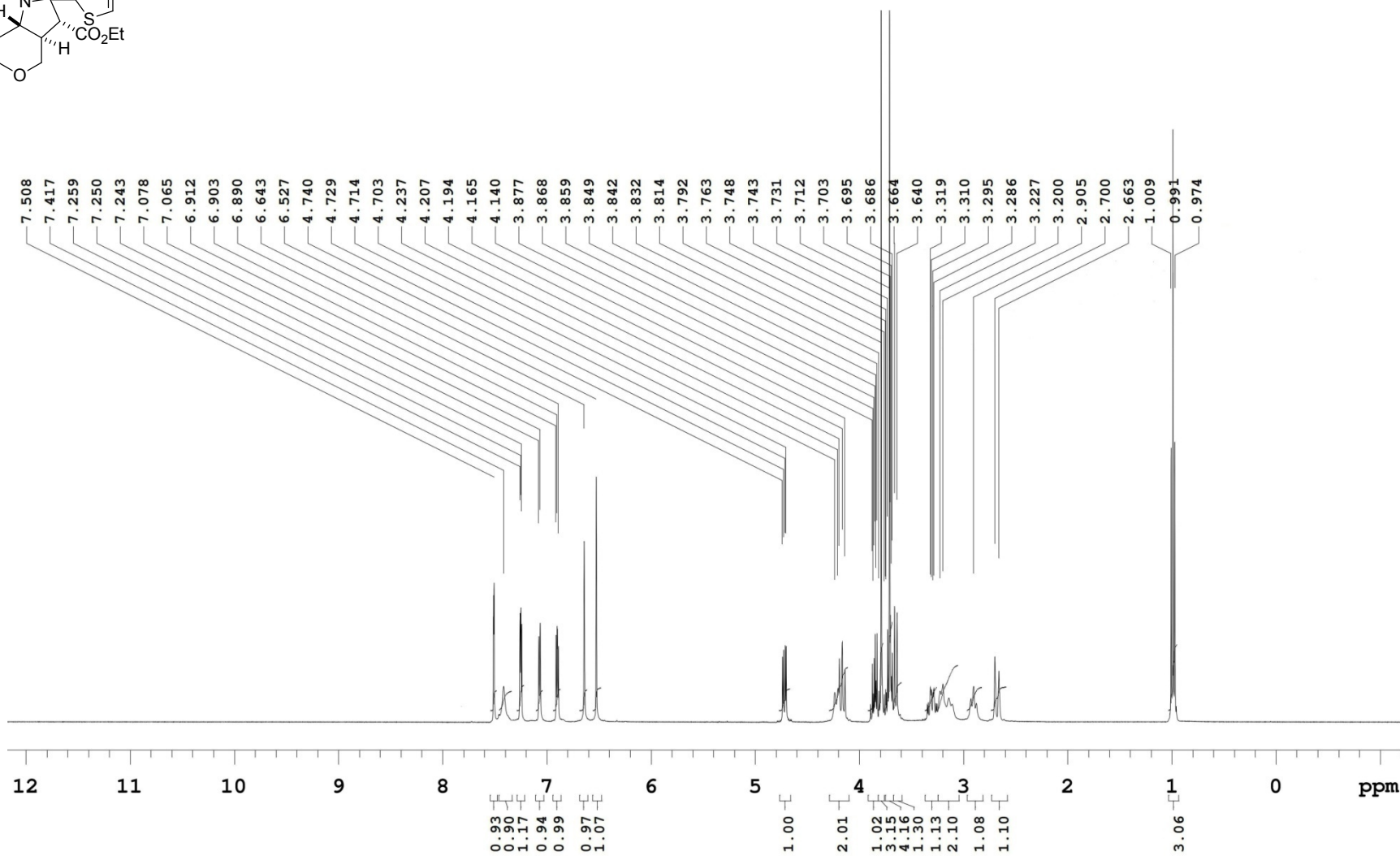
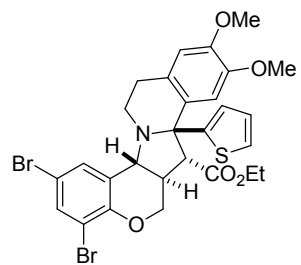
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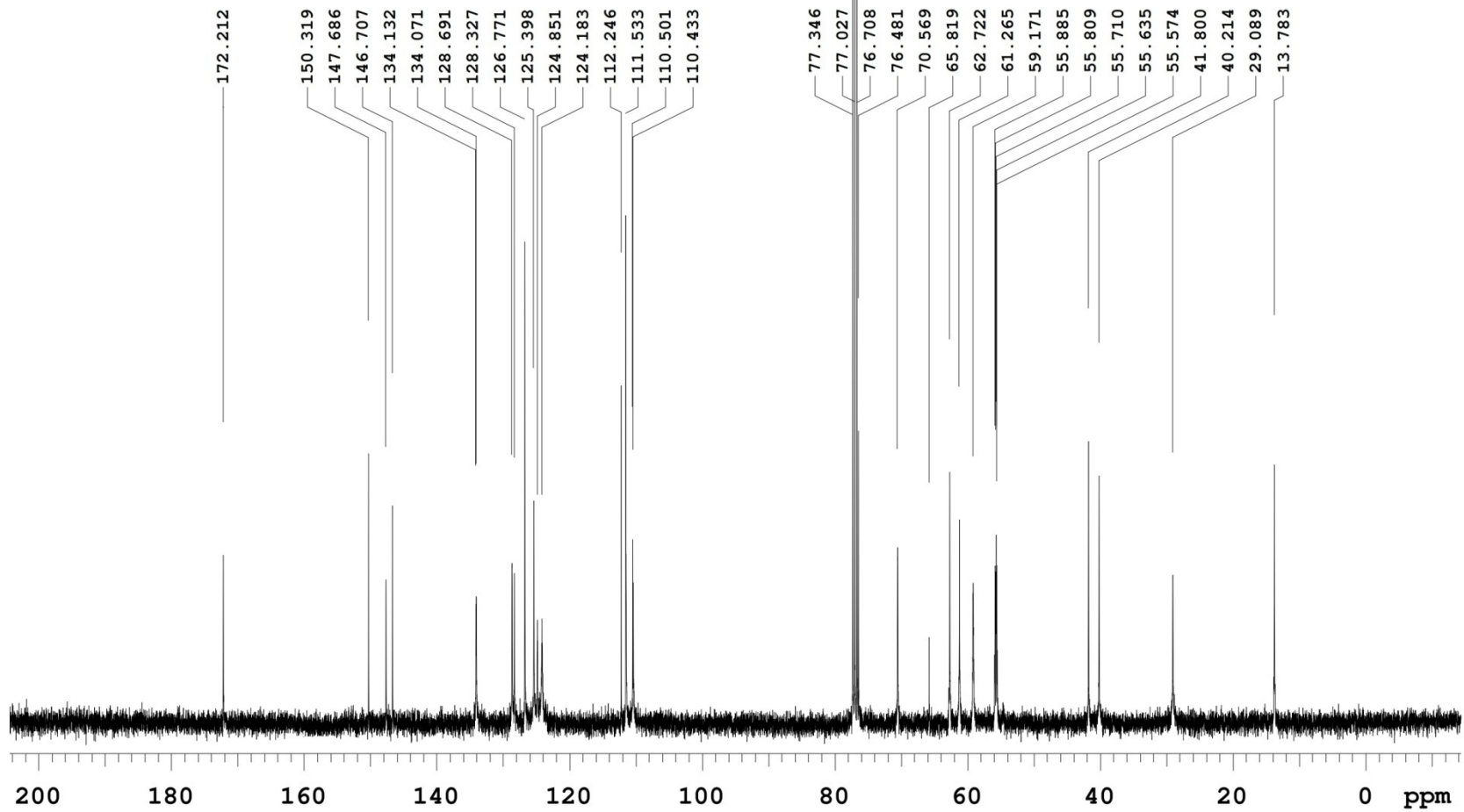
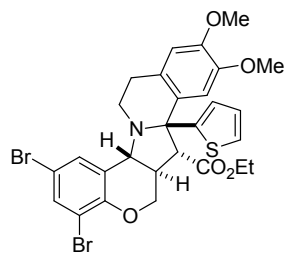
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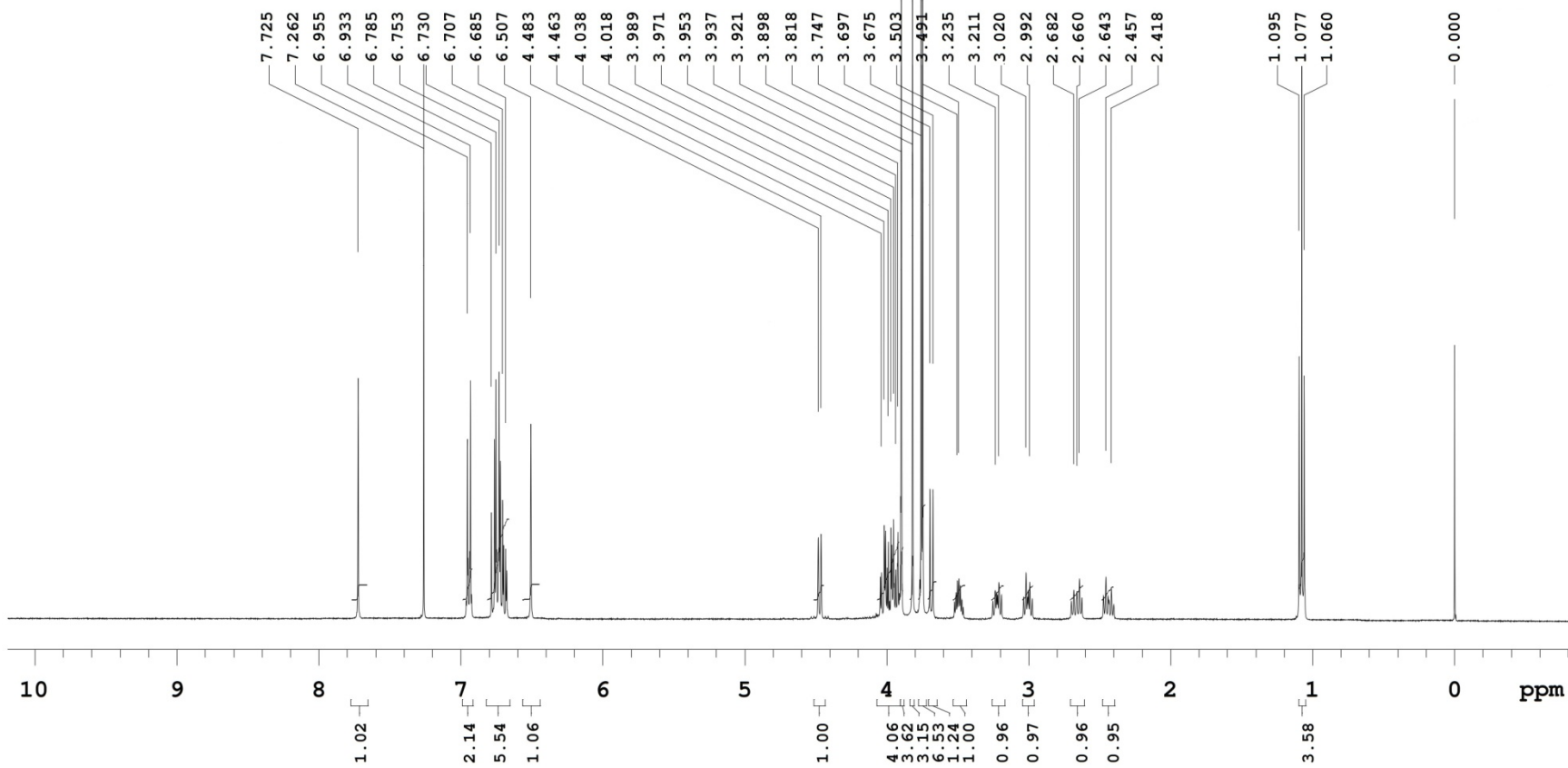
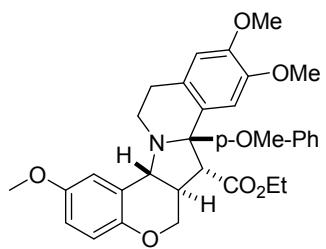
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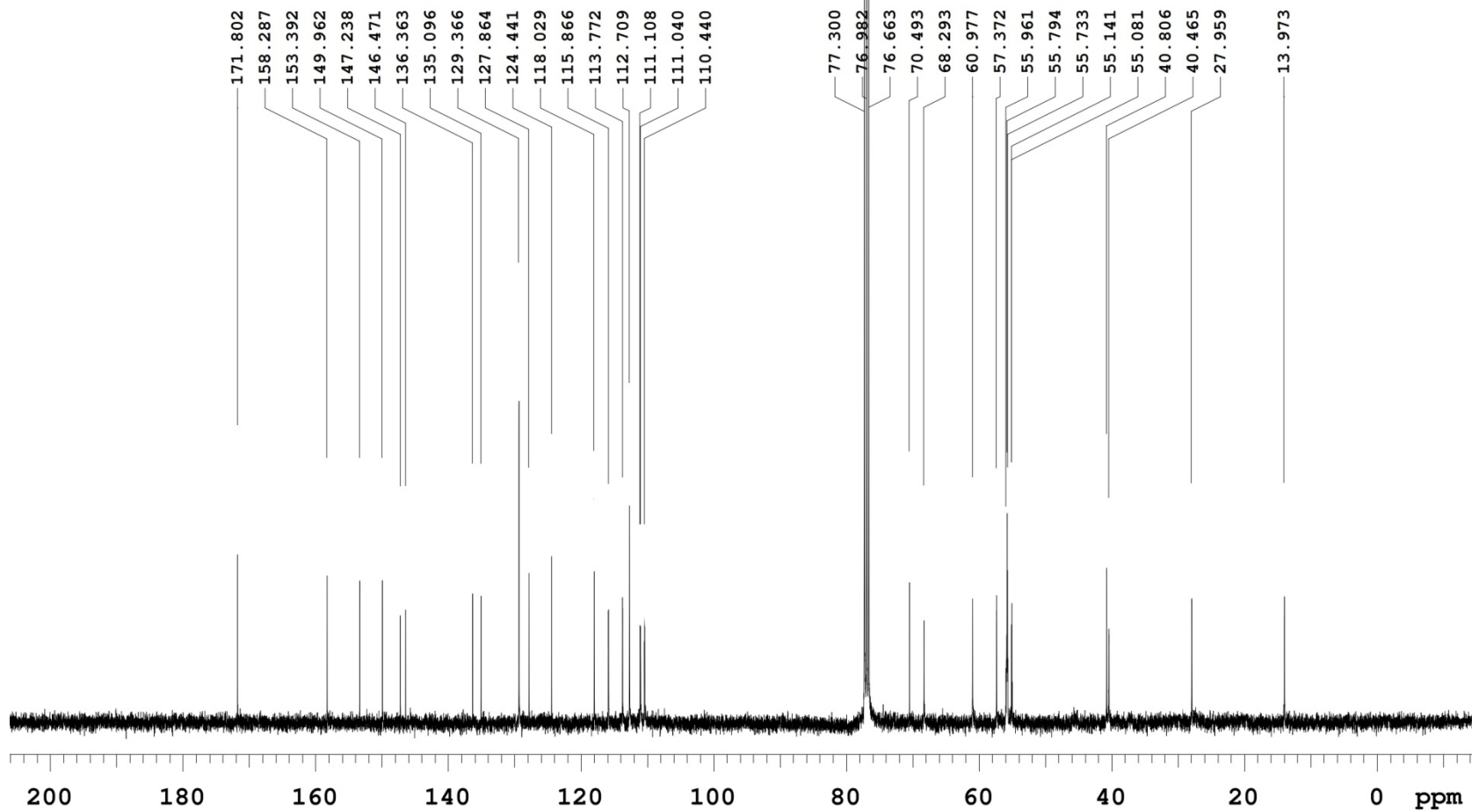
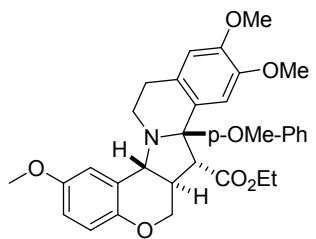
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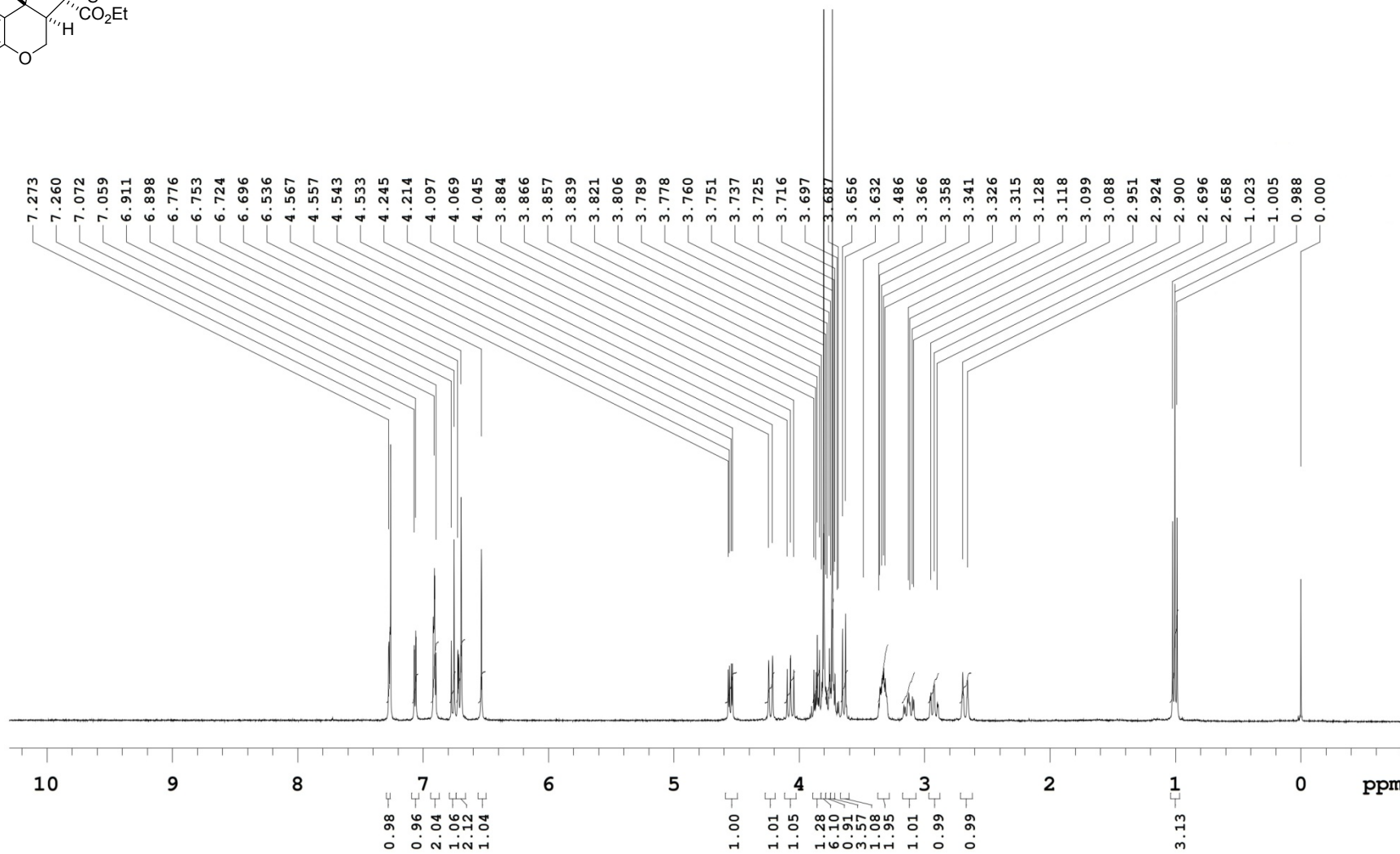
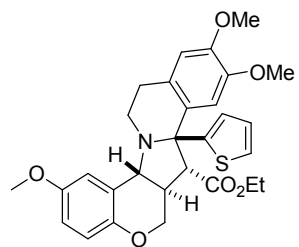
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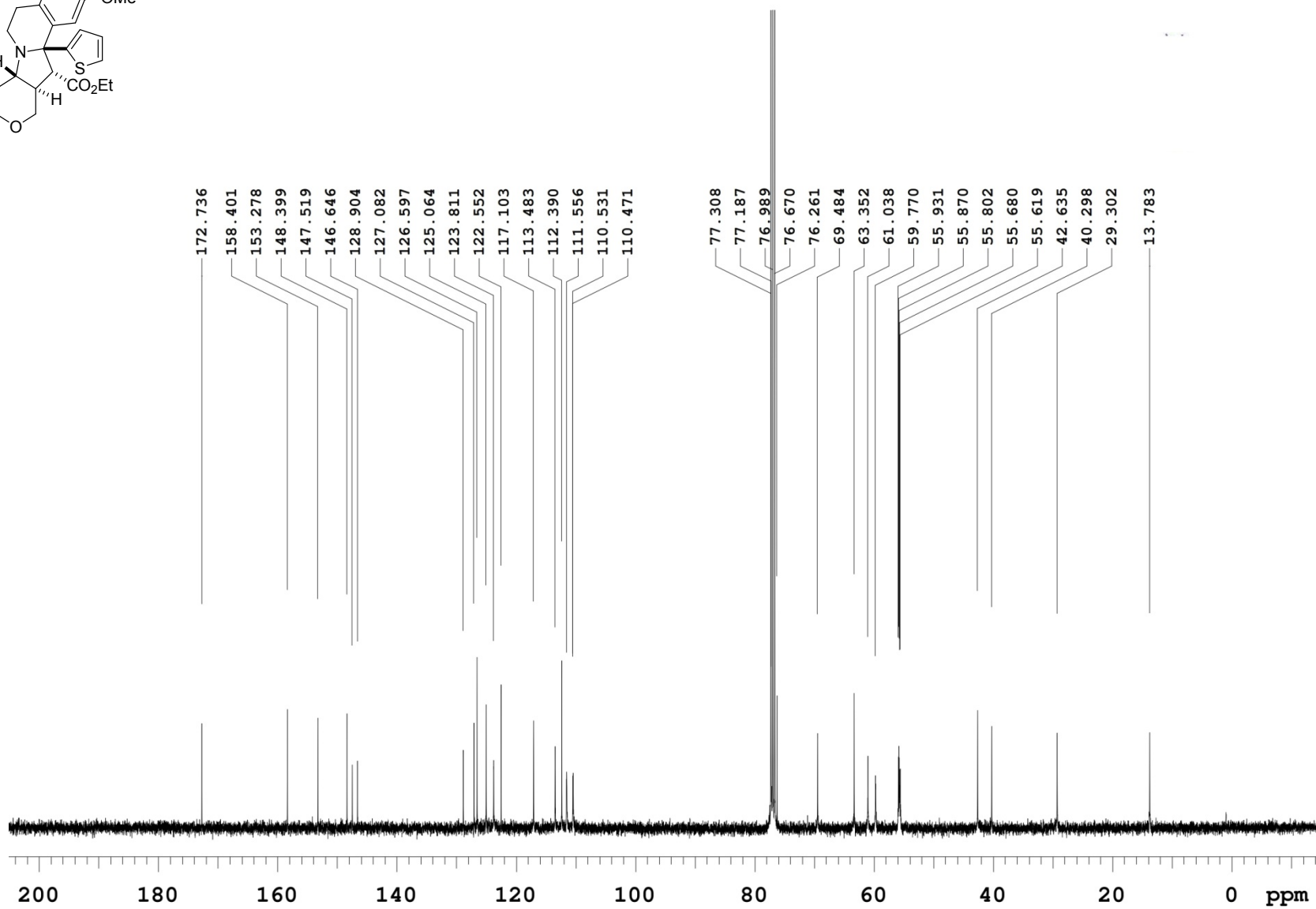
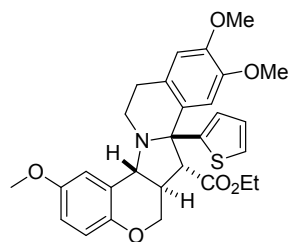
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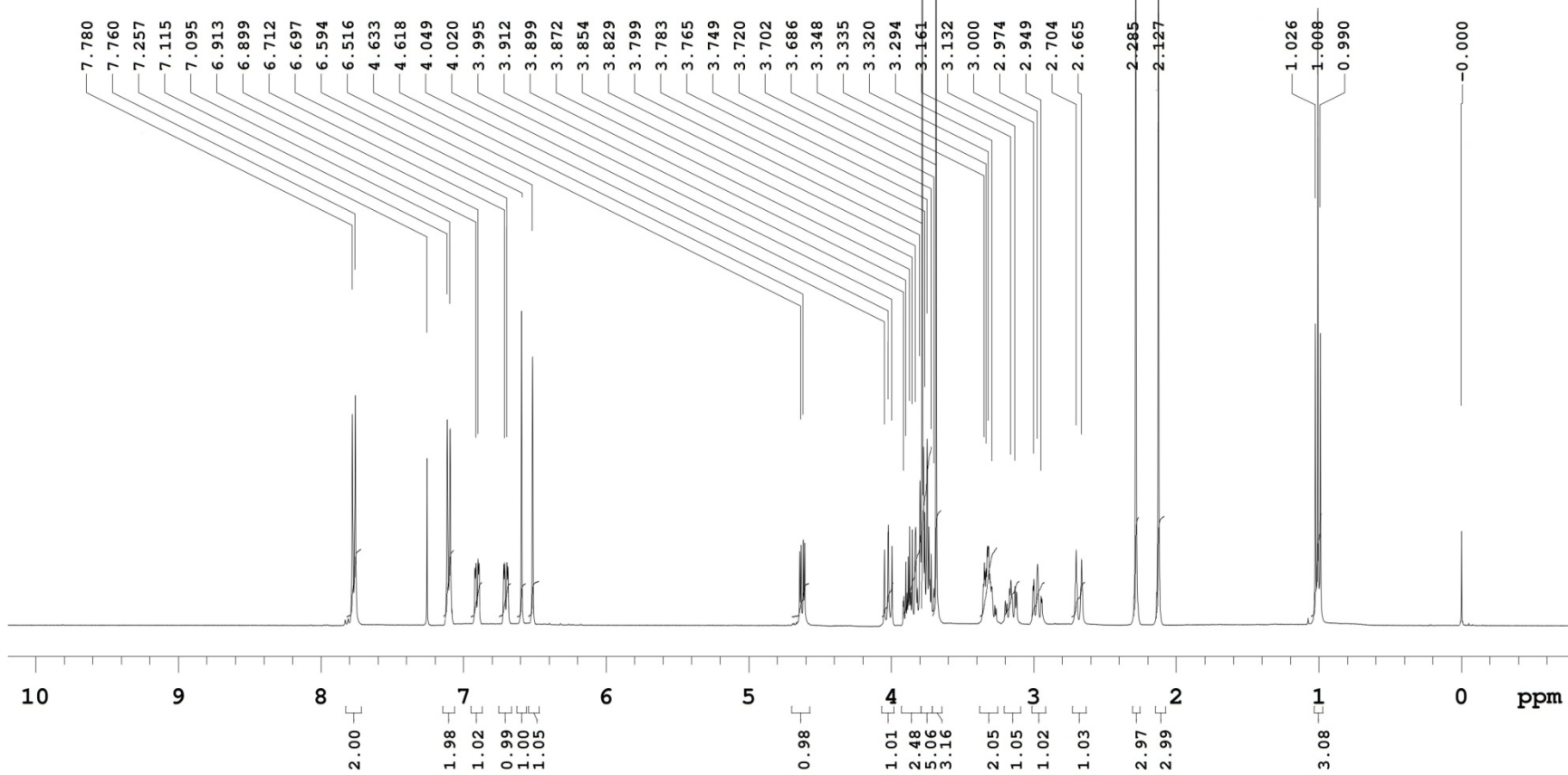
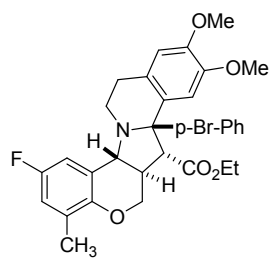
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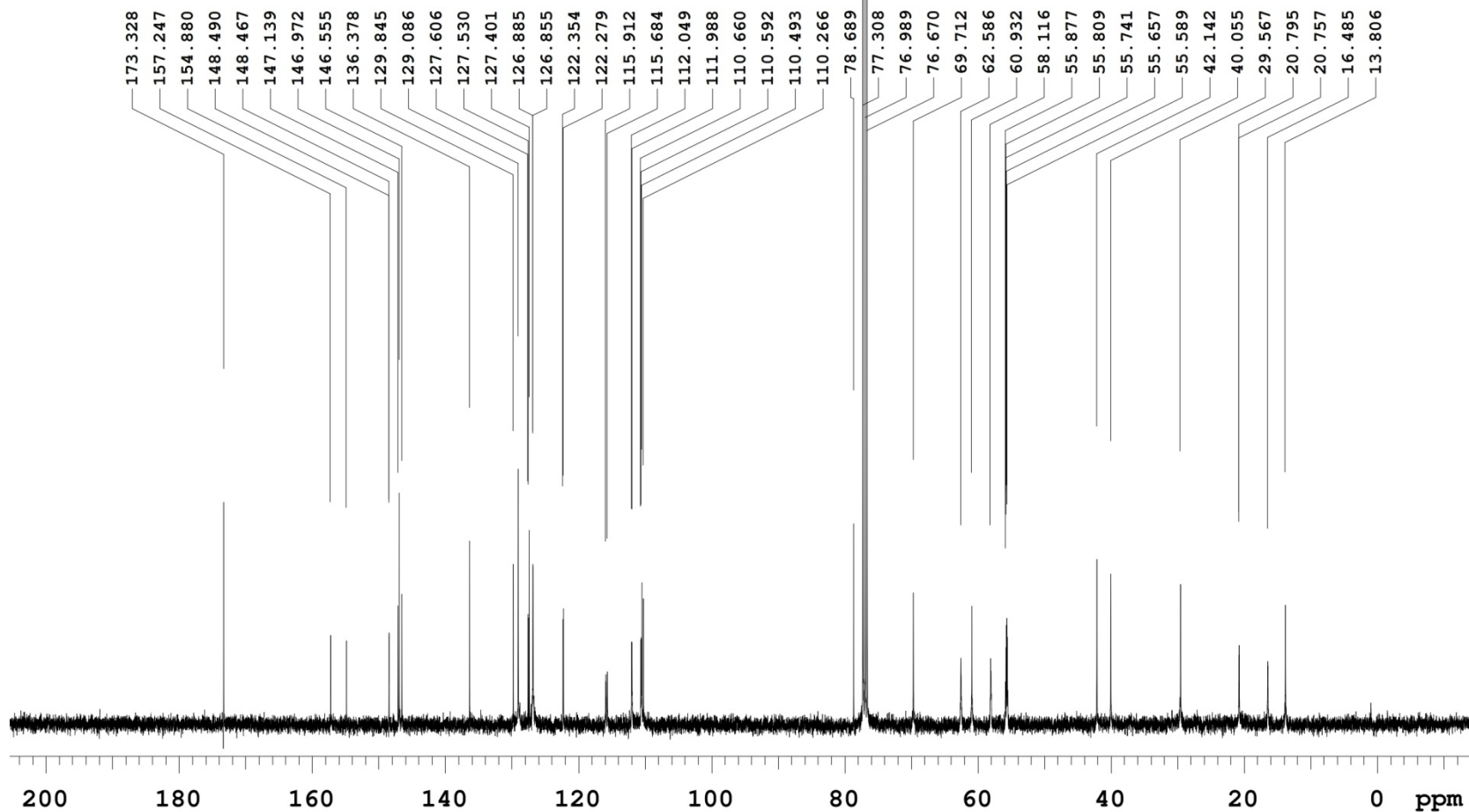
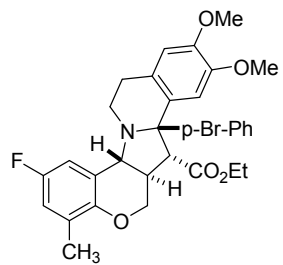
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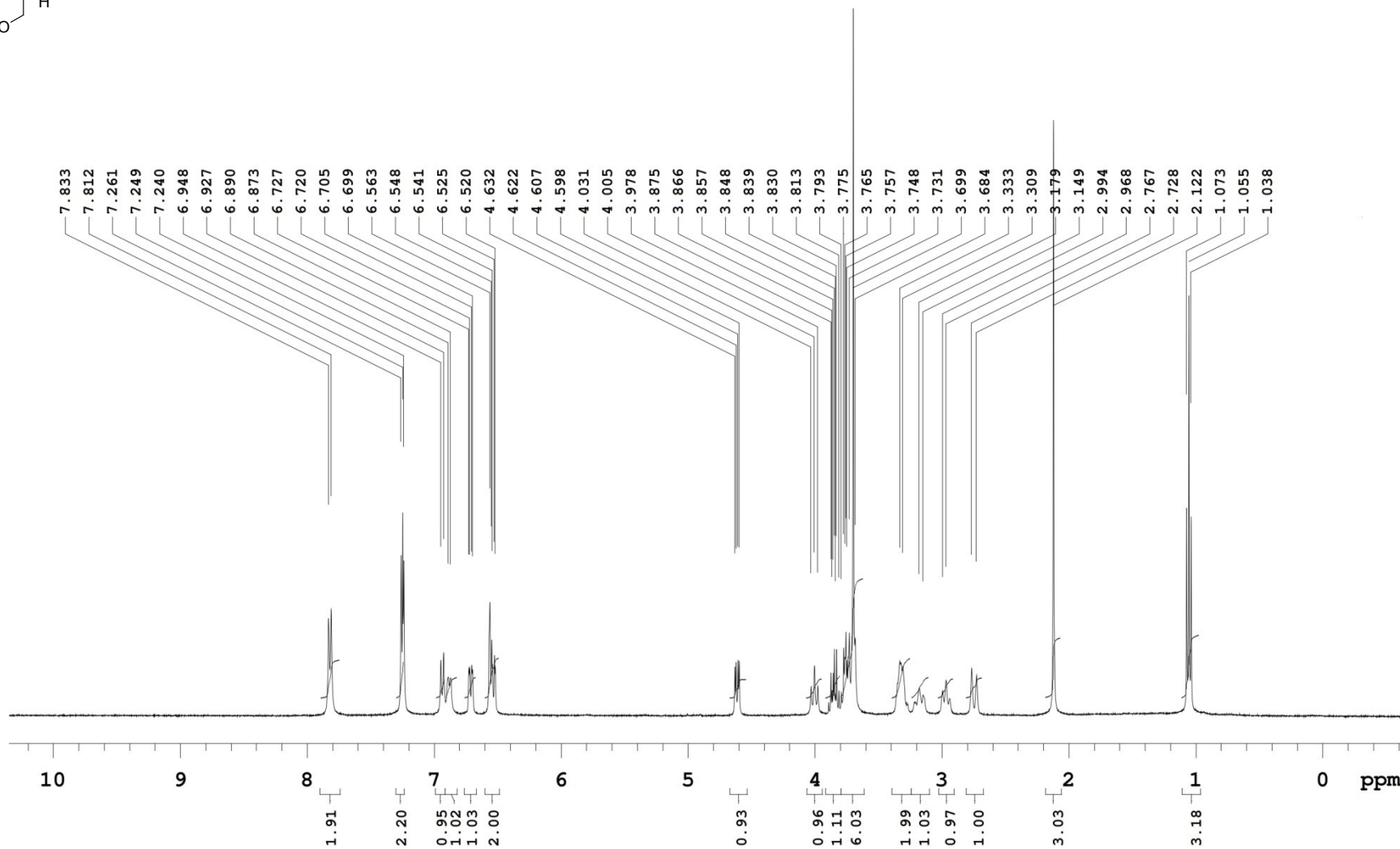
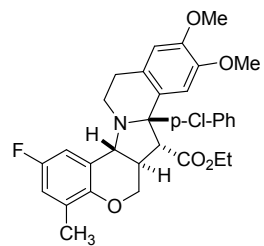
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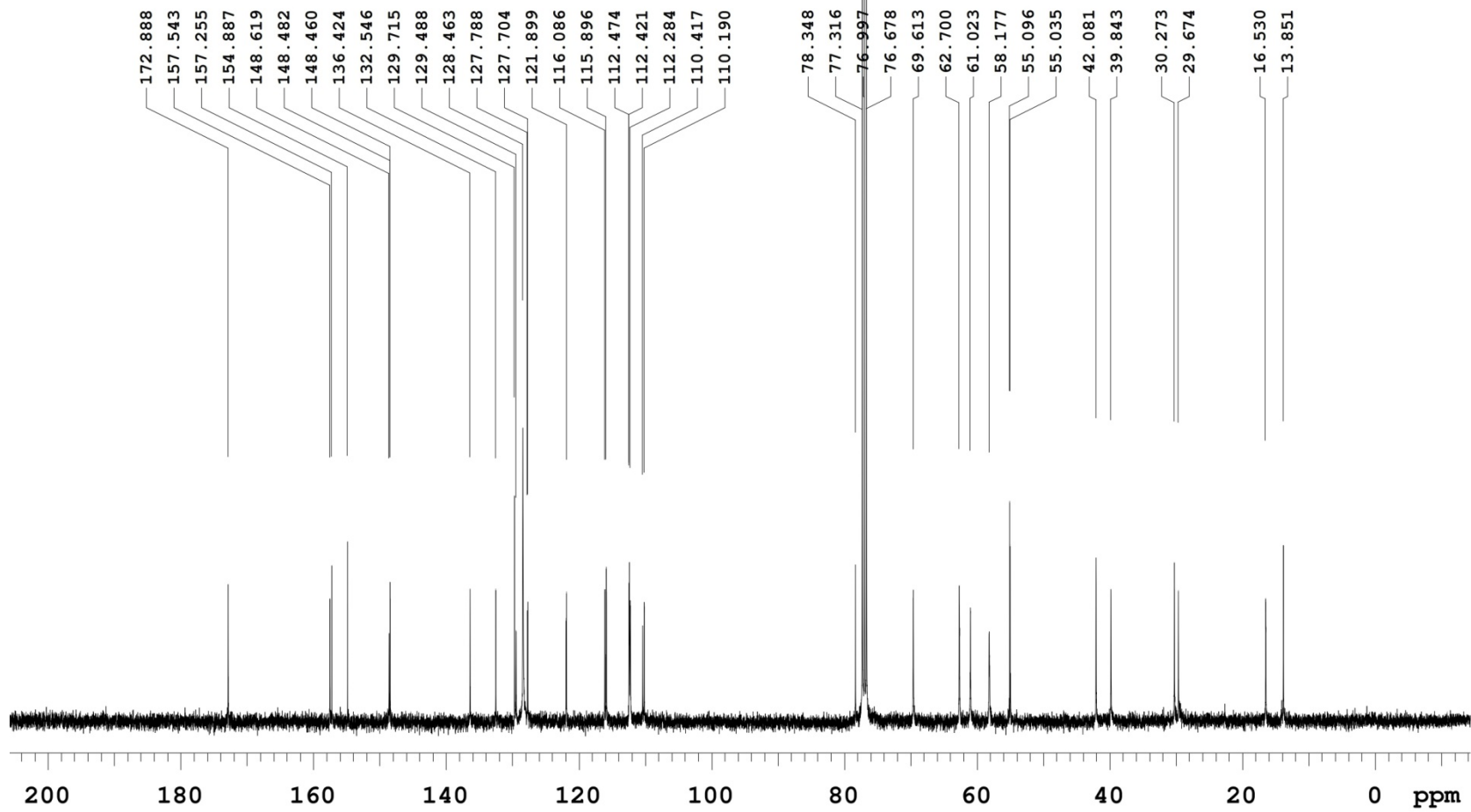
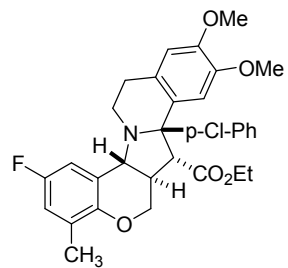
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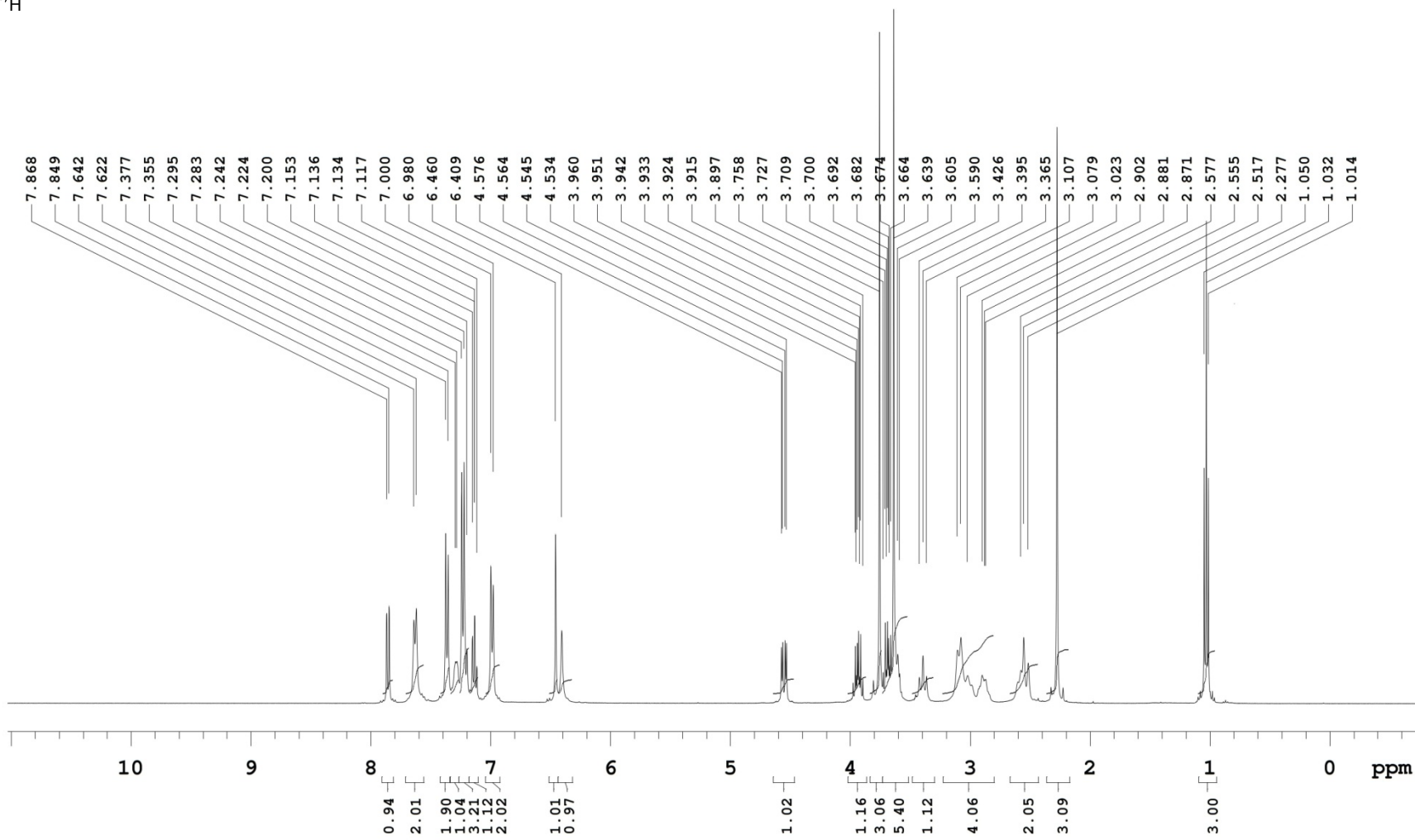
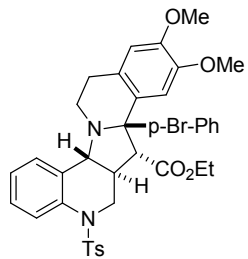
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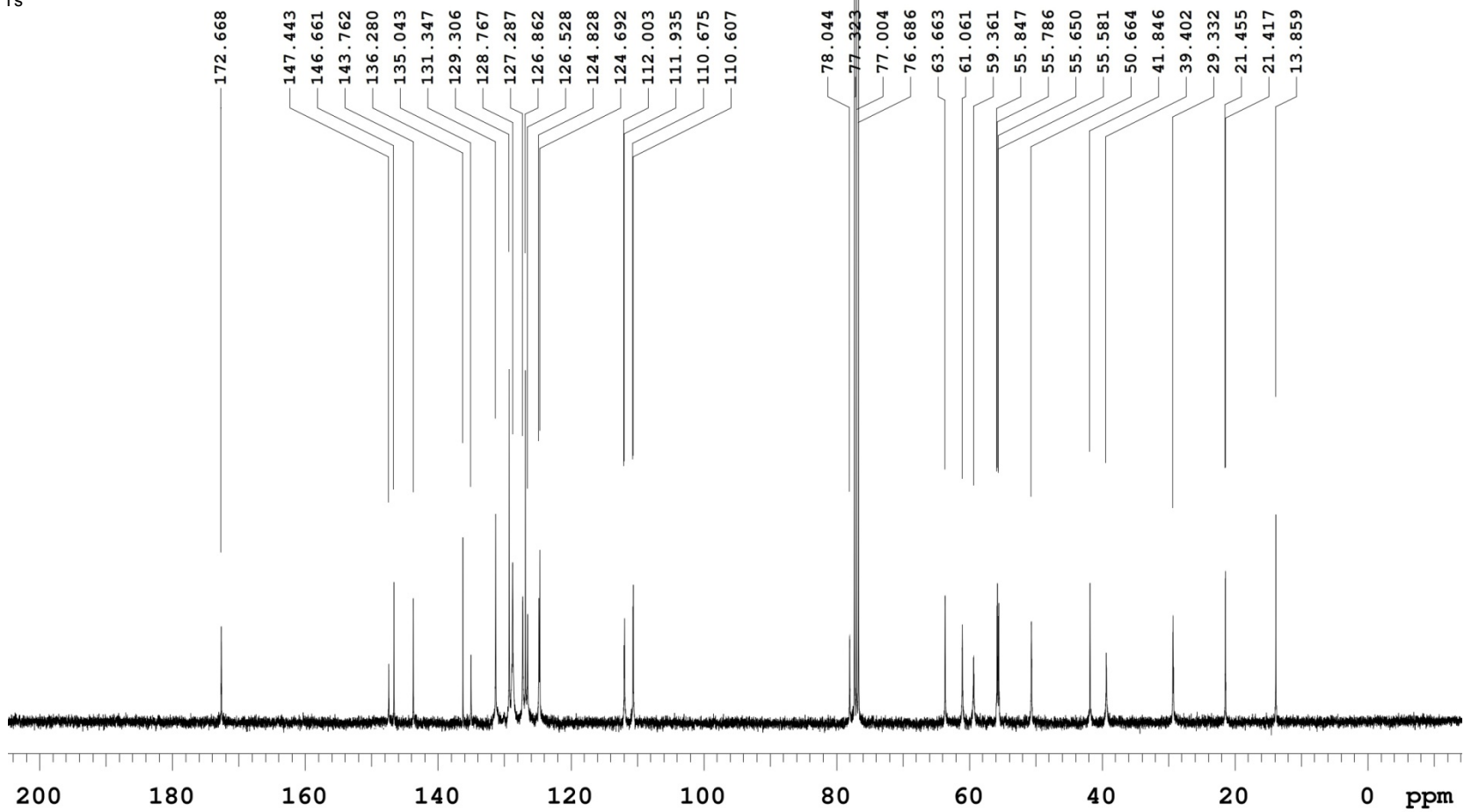
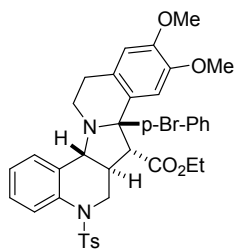
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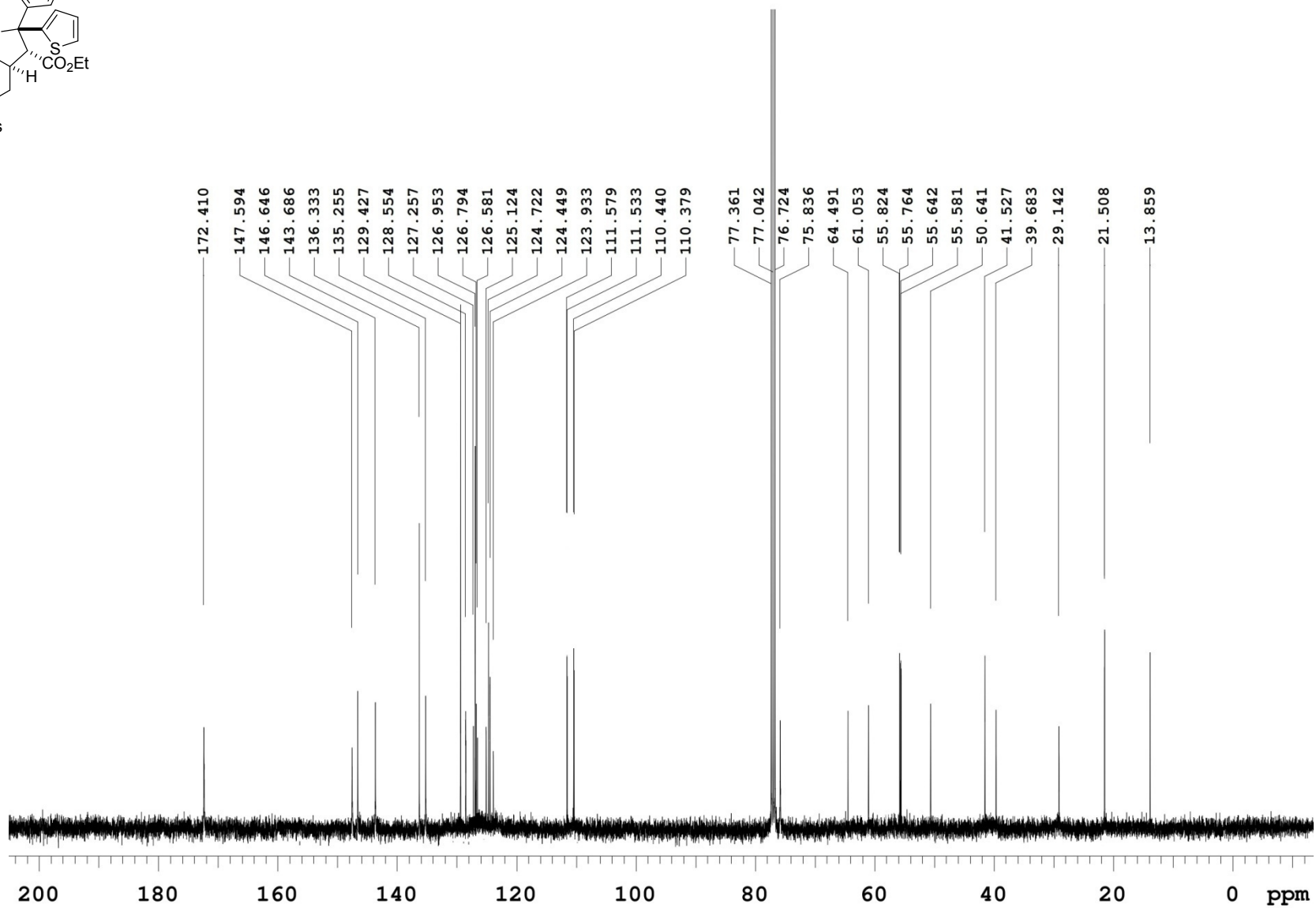
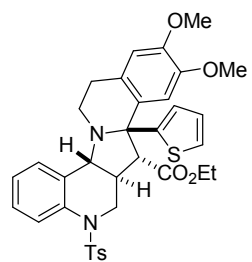
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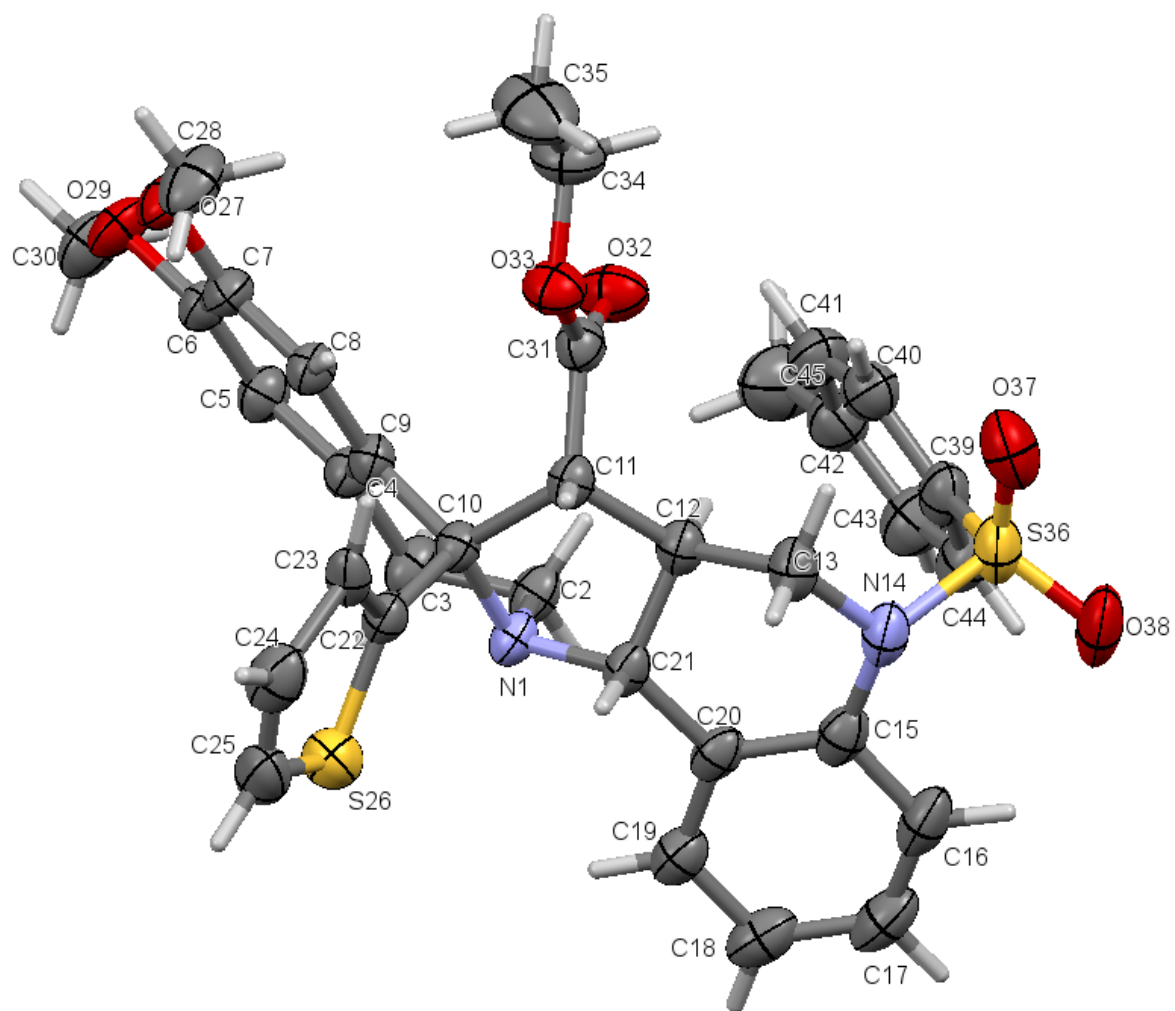
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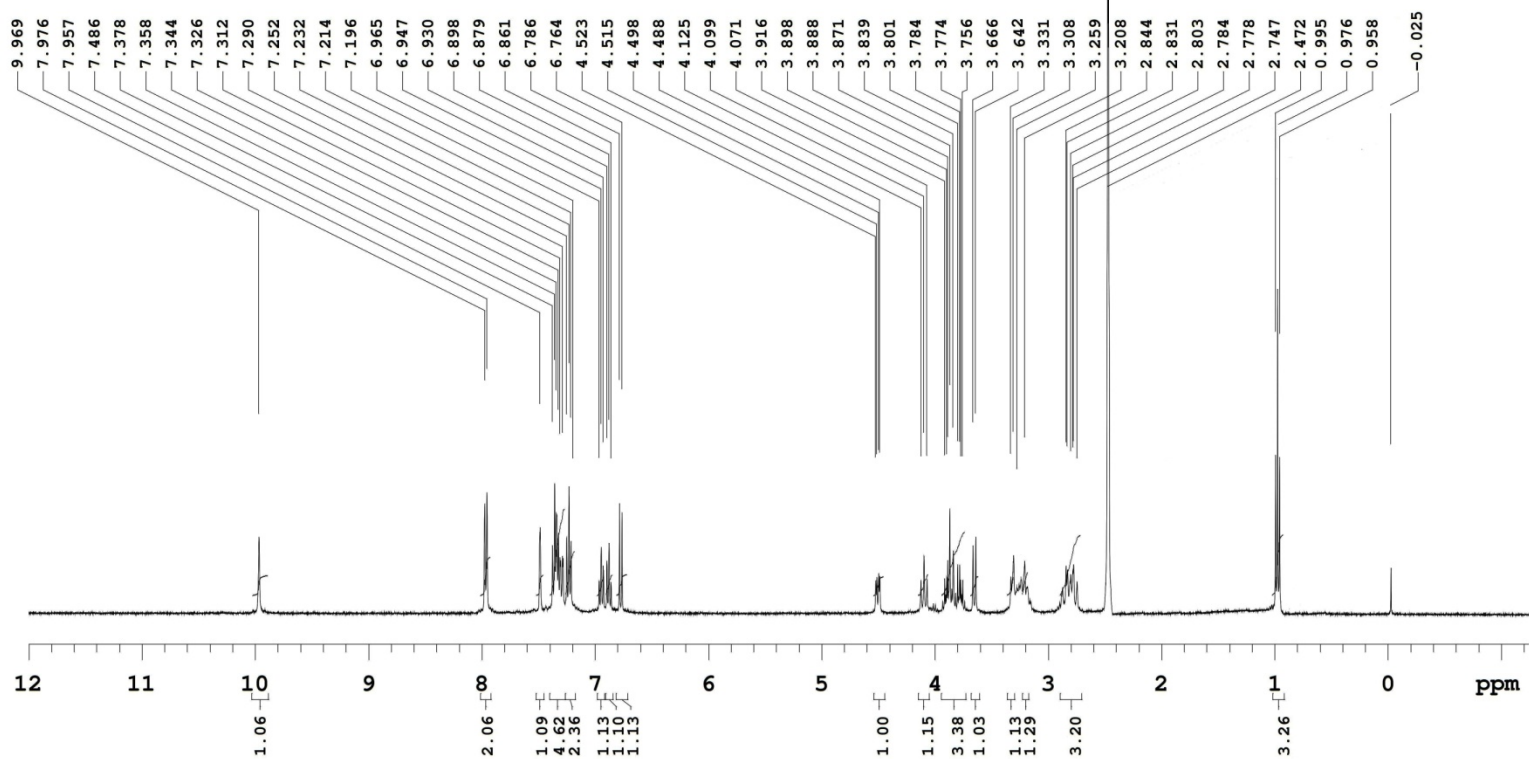
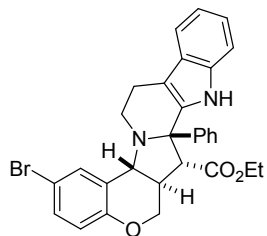
^{13}C NMR of **3p** in CDCl_3



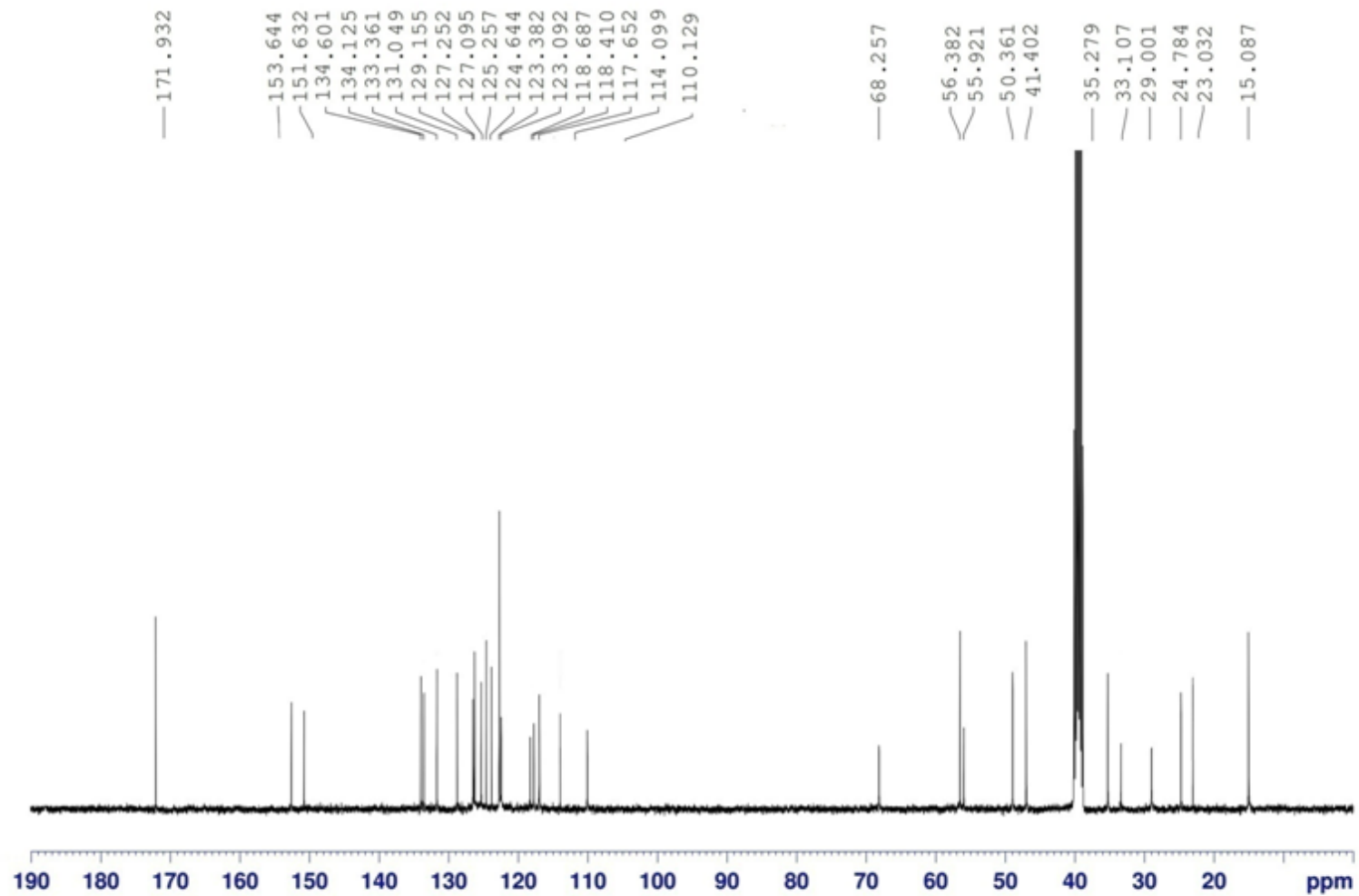
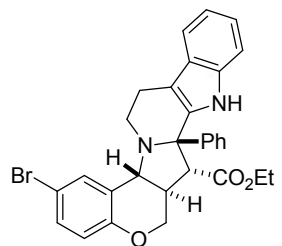
ORTEP Diagram Of 3p



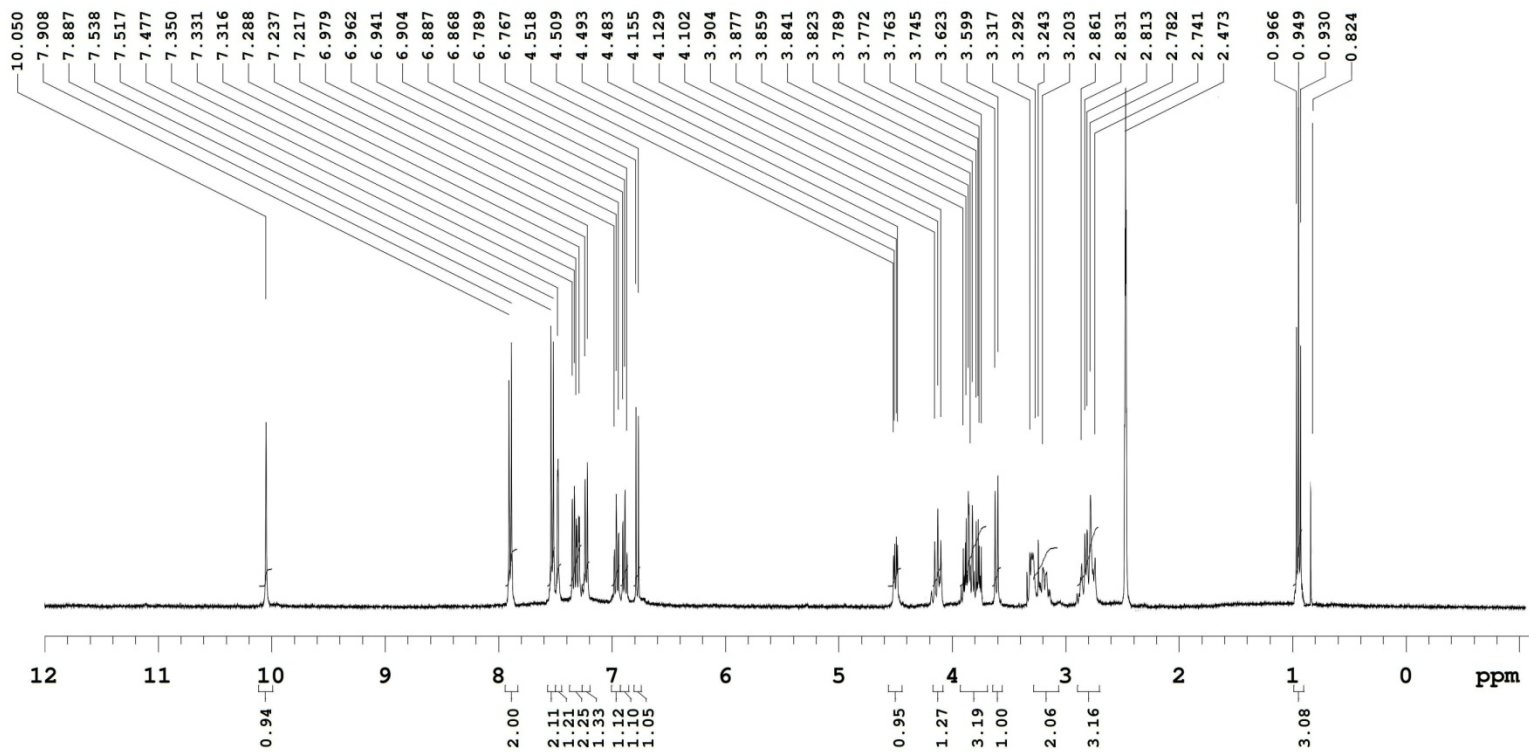
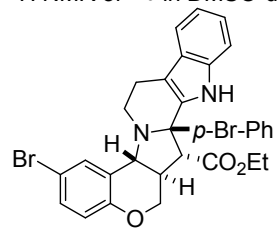
¹H NMR of **4a** in DMSO-d₆



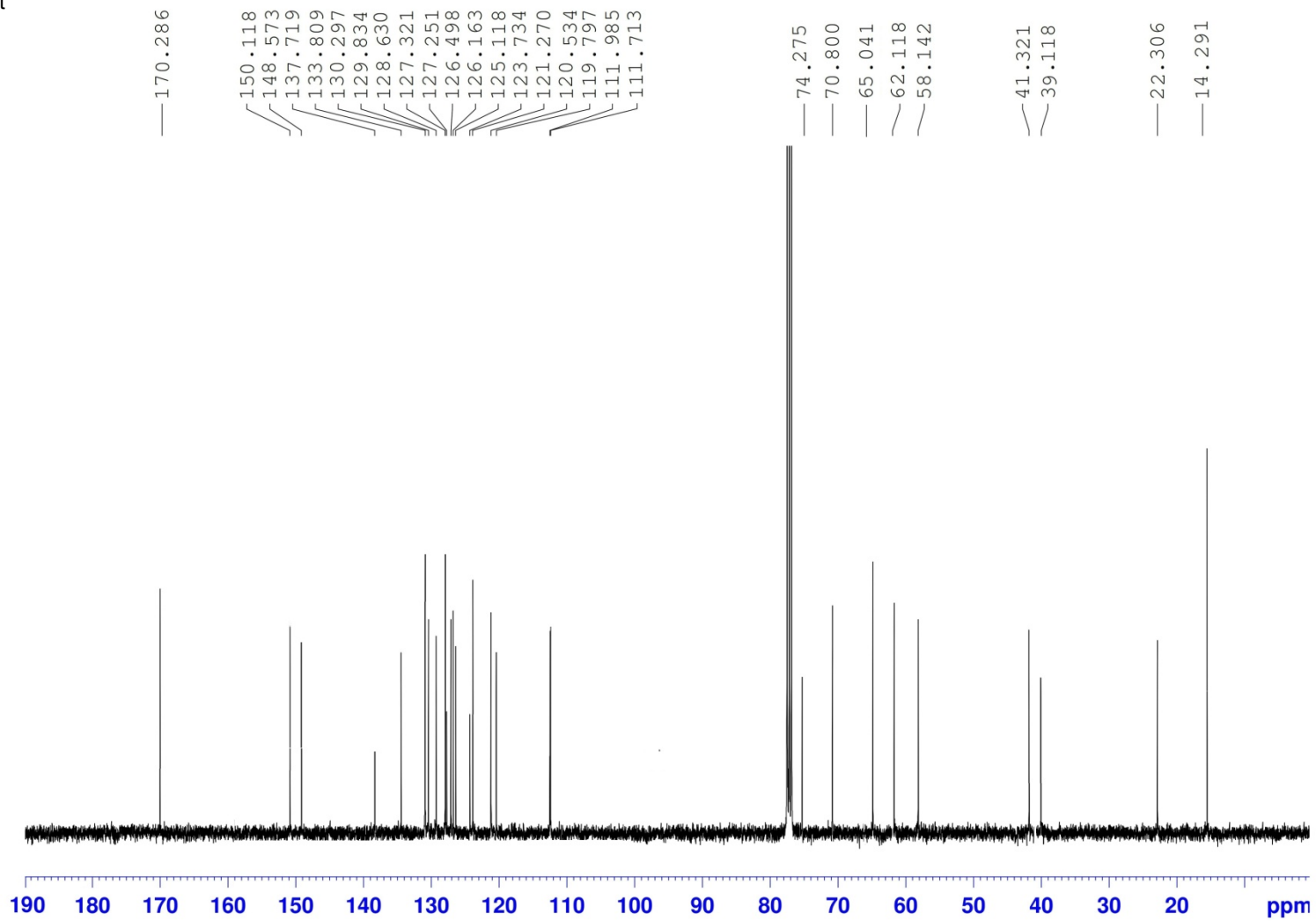
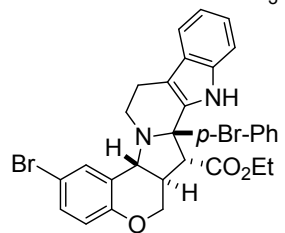
¹³C NMR of **4a** in DMSO-d₆



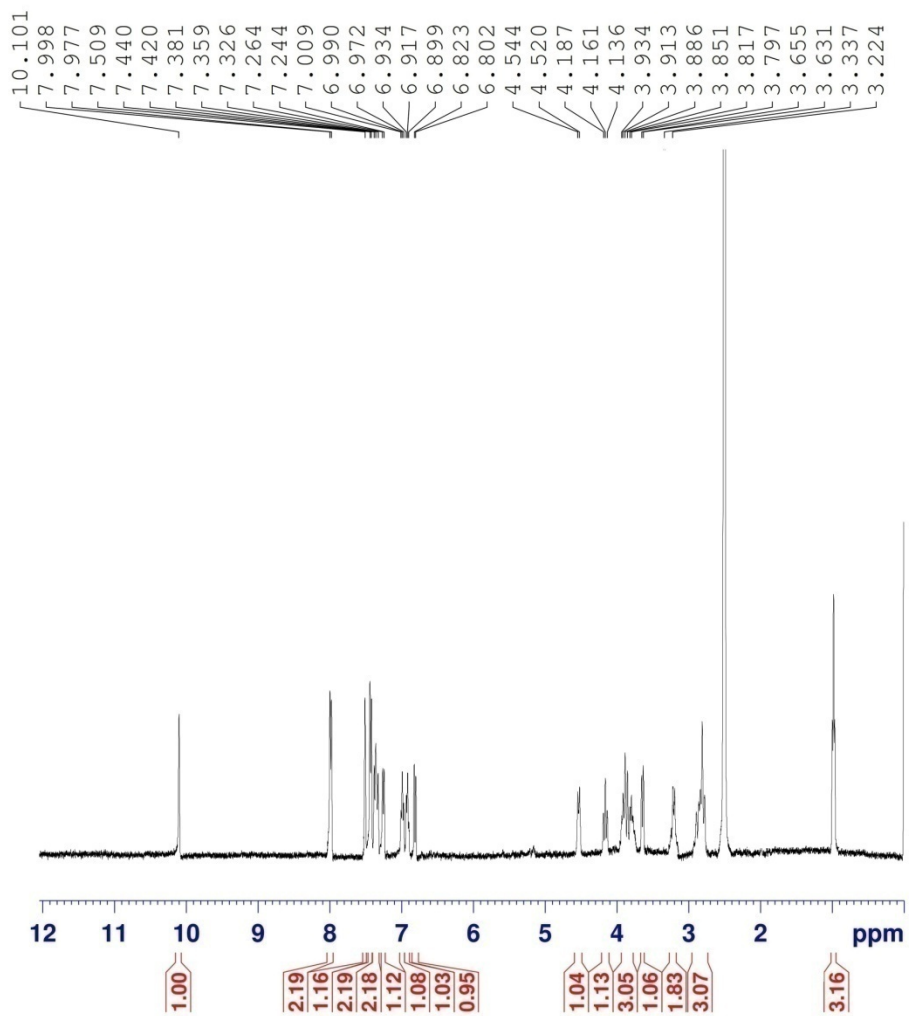
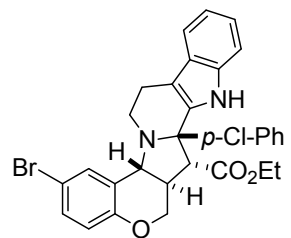
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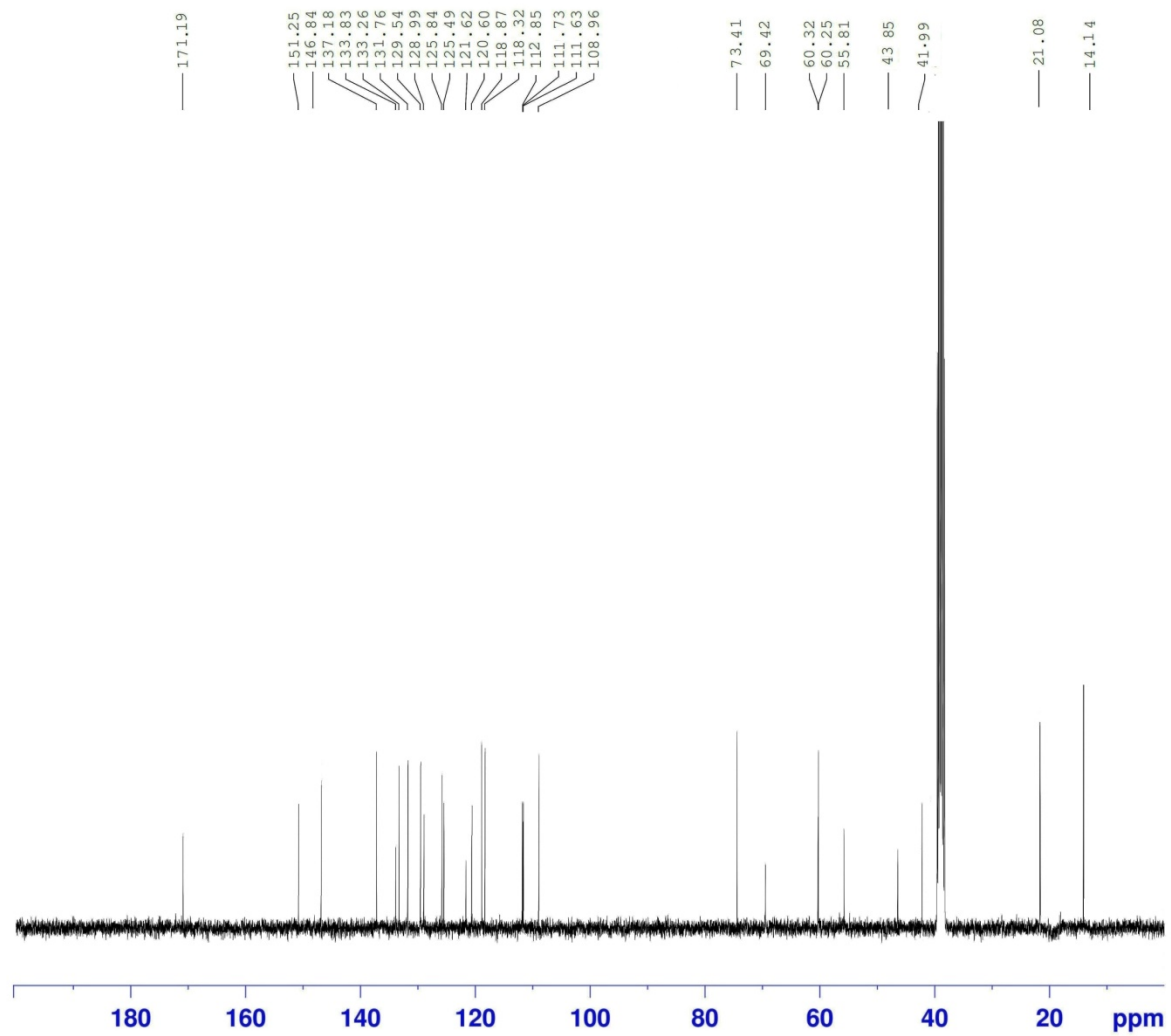
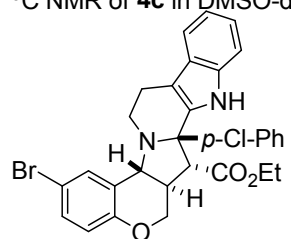
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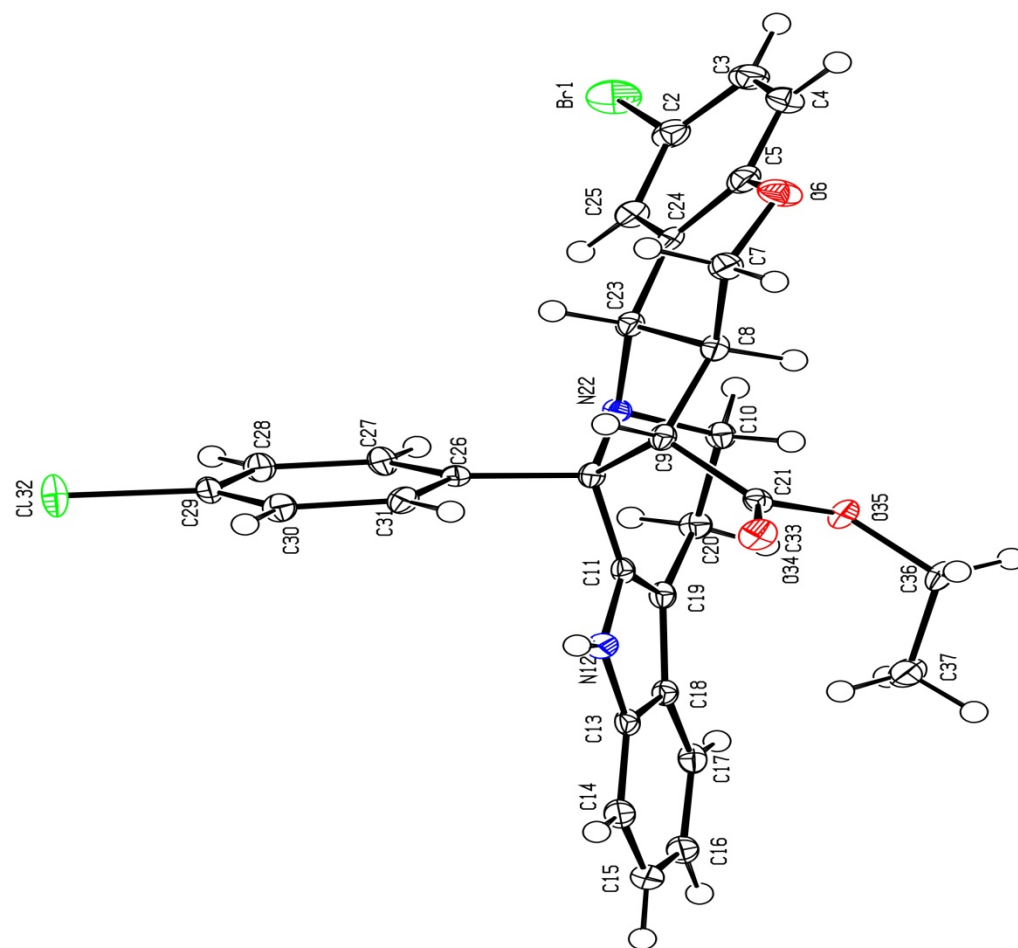
^1H NMR of **4c** in DMSO-d_6



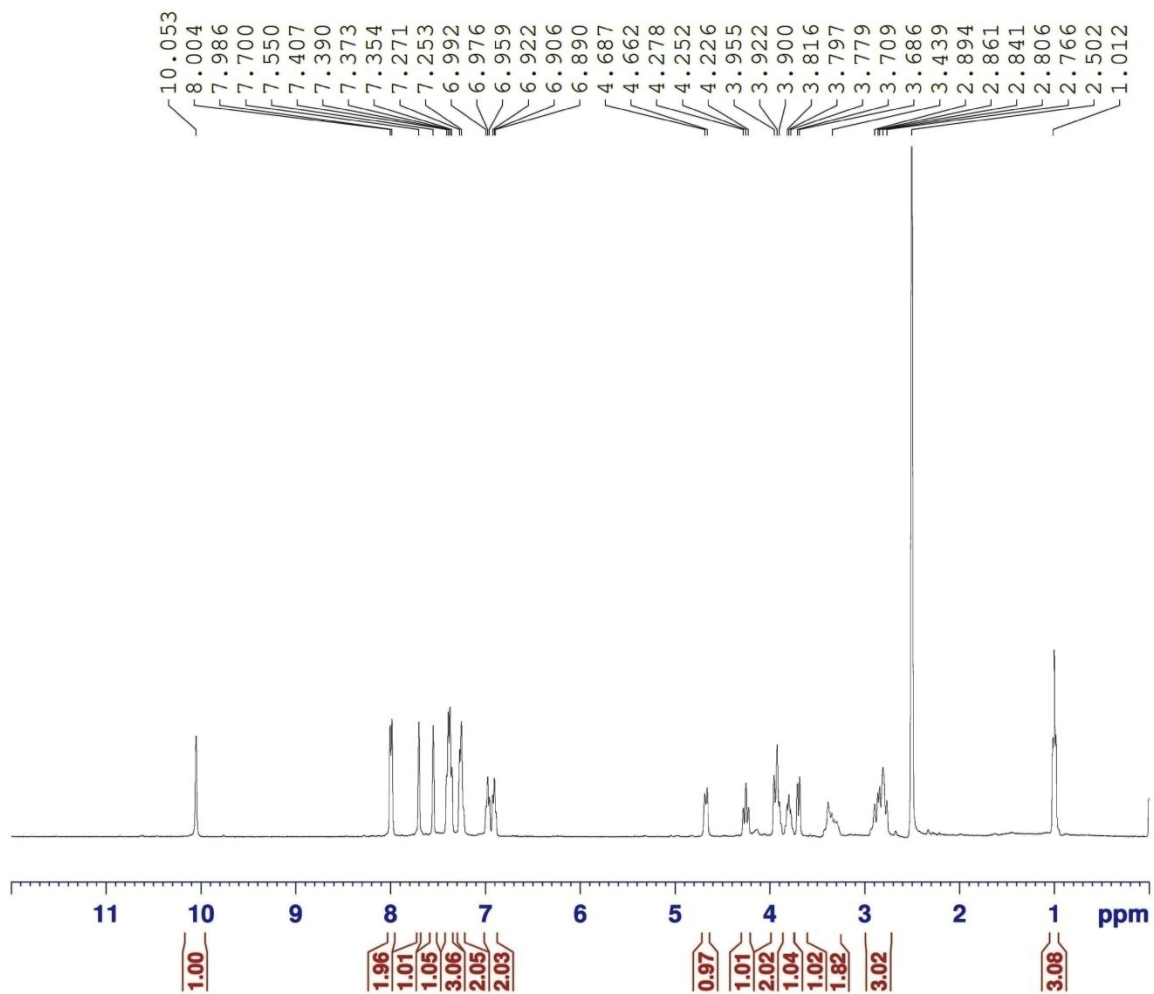
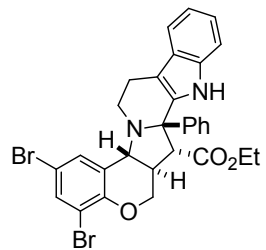
^{13}C NMR of **4c** in DMSO-d_6



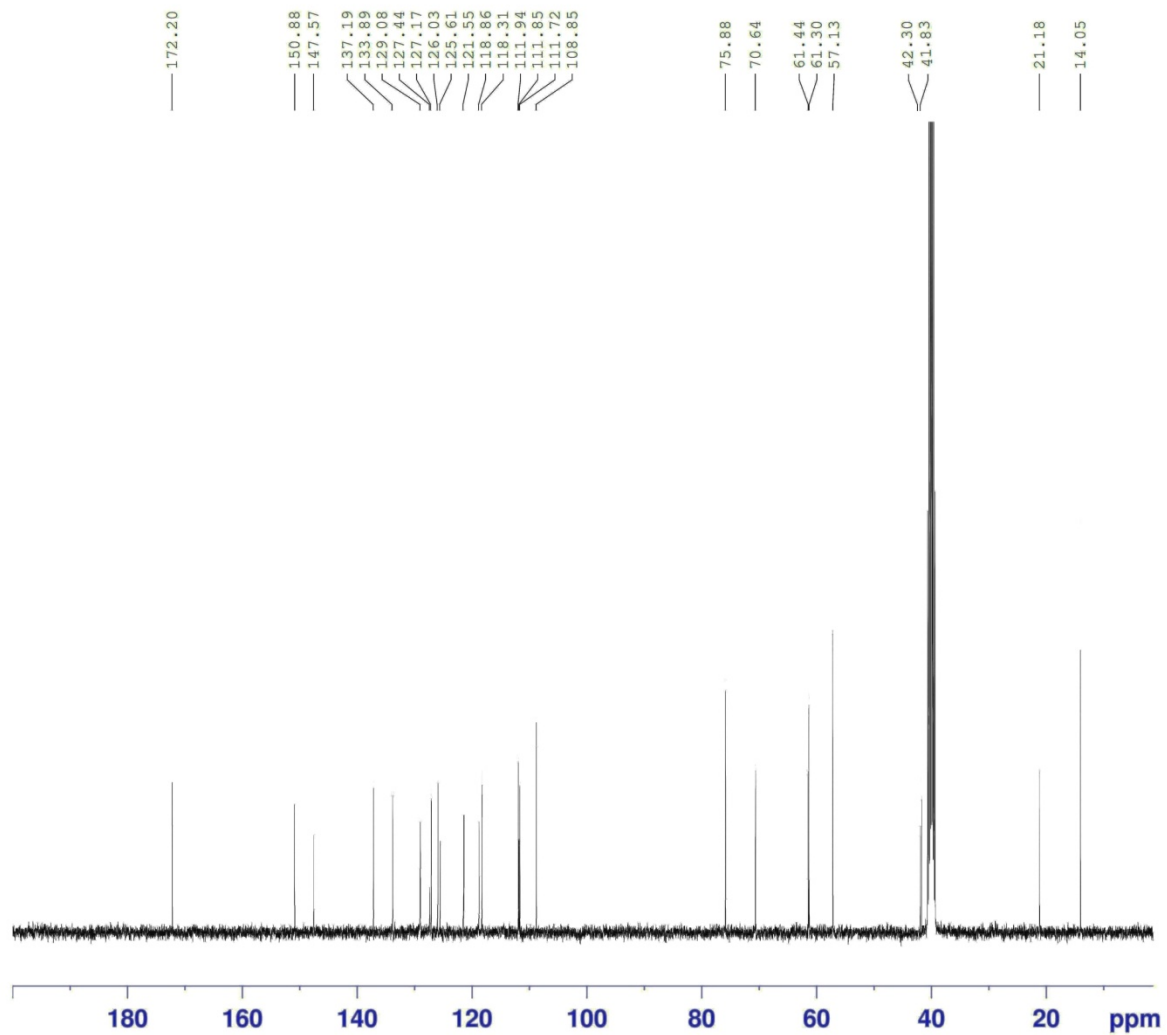
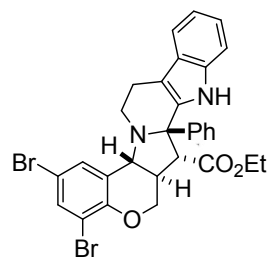
ORTEP diagram of **4c**



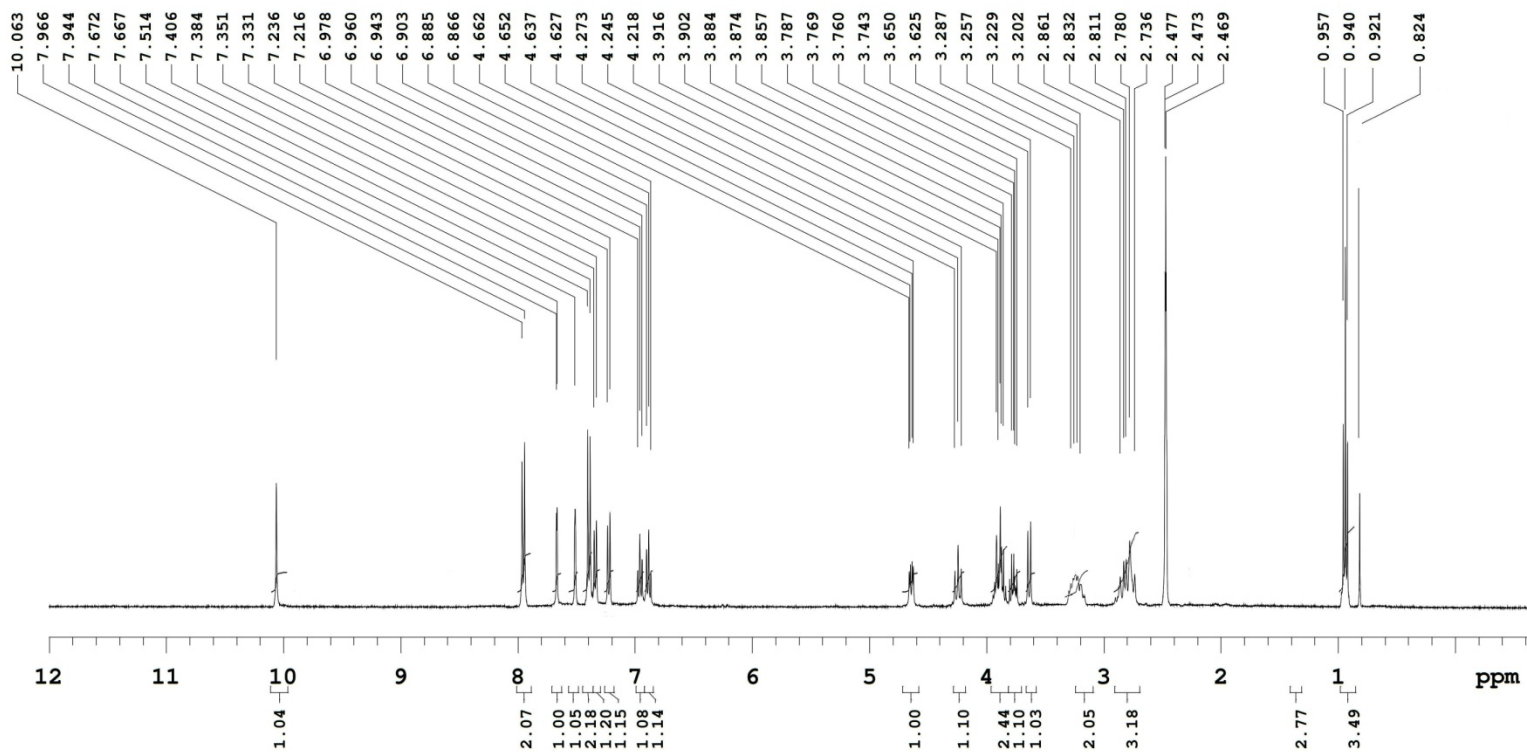
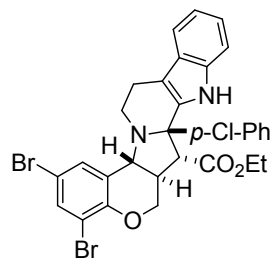
¹H NMR of **4d** in DMSO-d₆



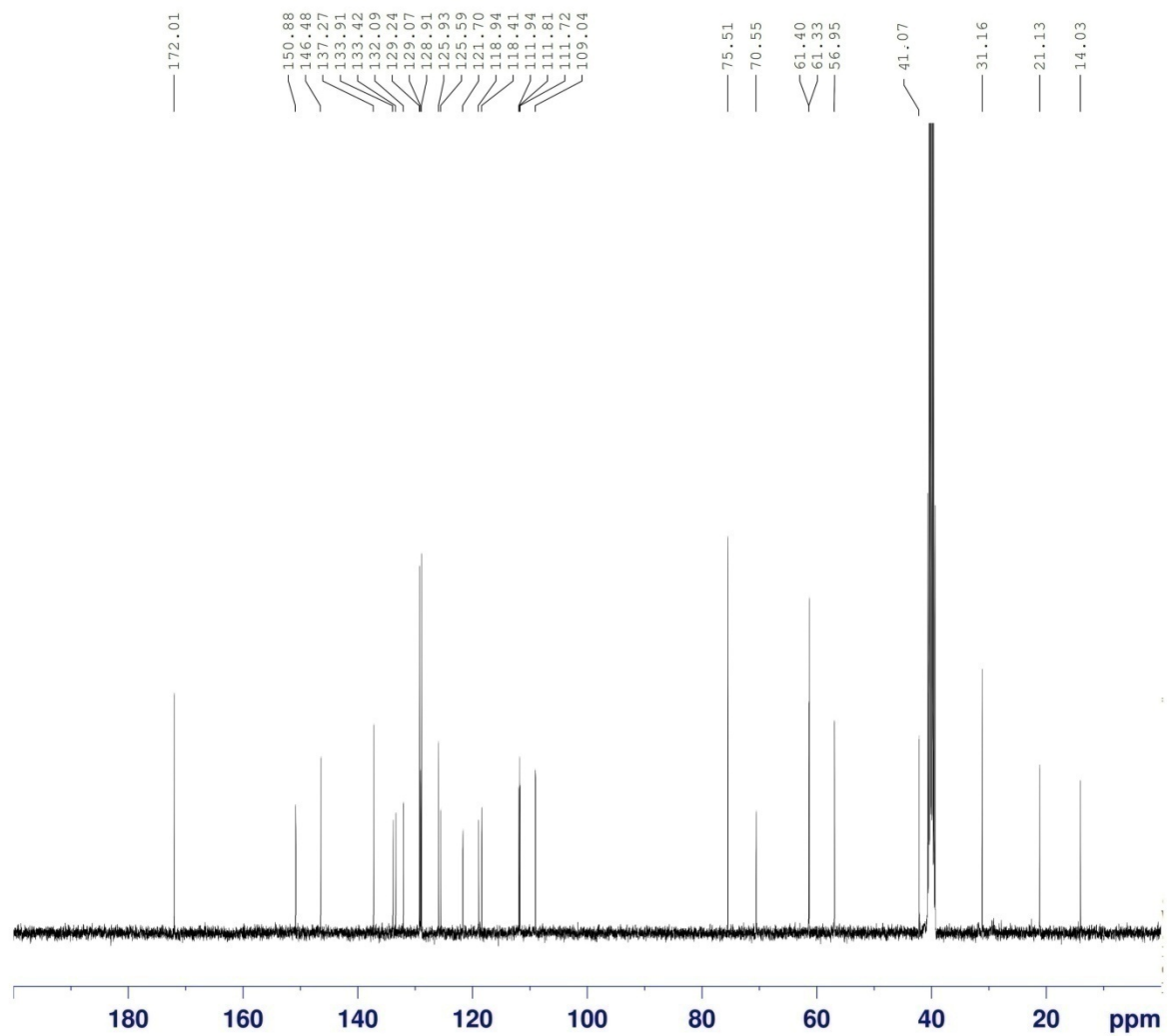
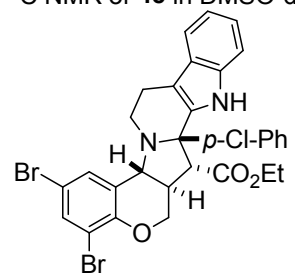
^{13}C NMR of **4d** in DMSO-d_6



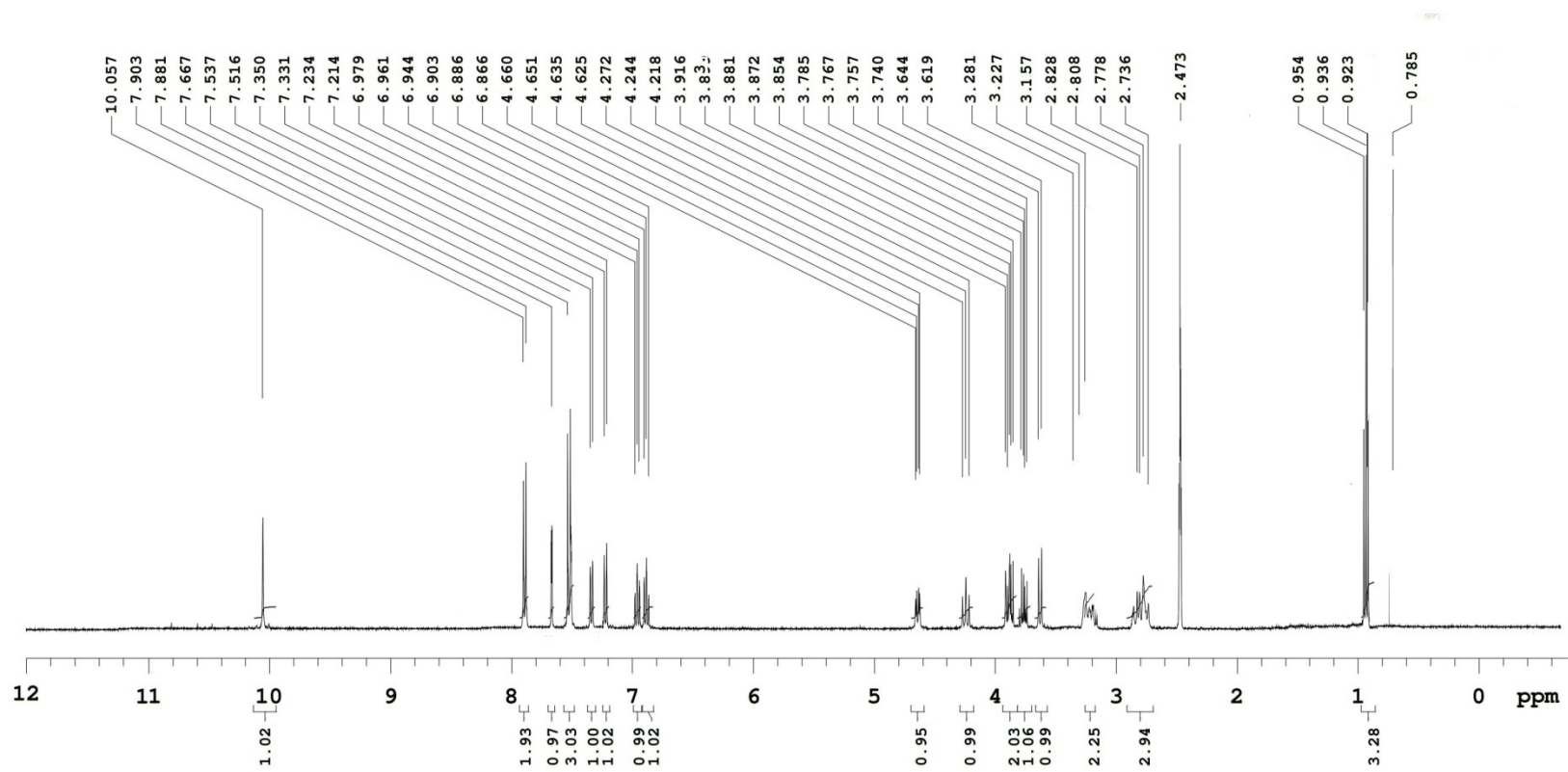
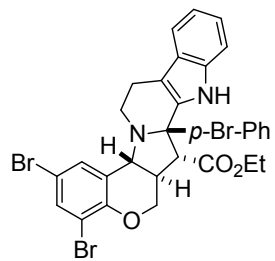
¹H NMR of **4e** in DMSO-d₆



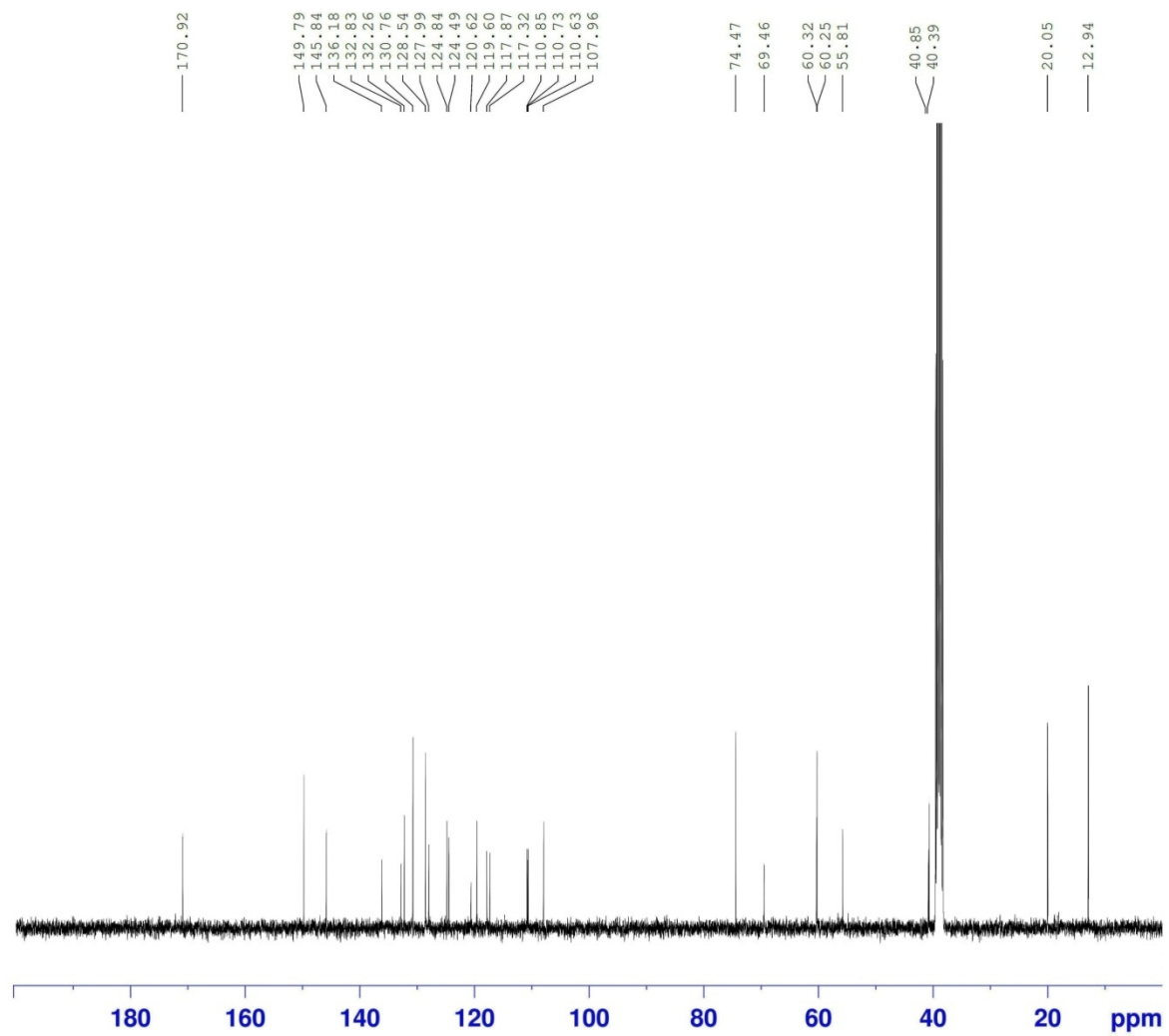
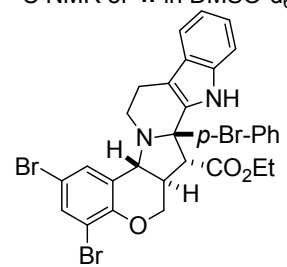
¹³C NMR of **4e** in DMSO-d₆



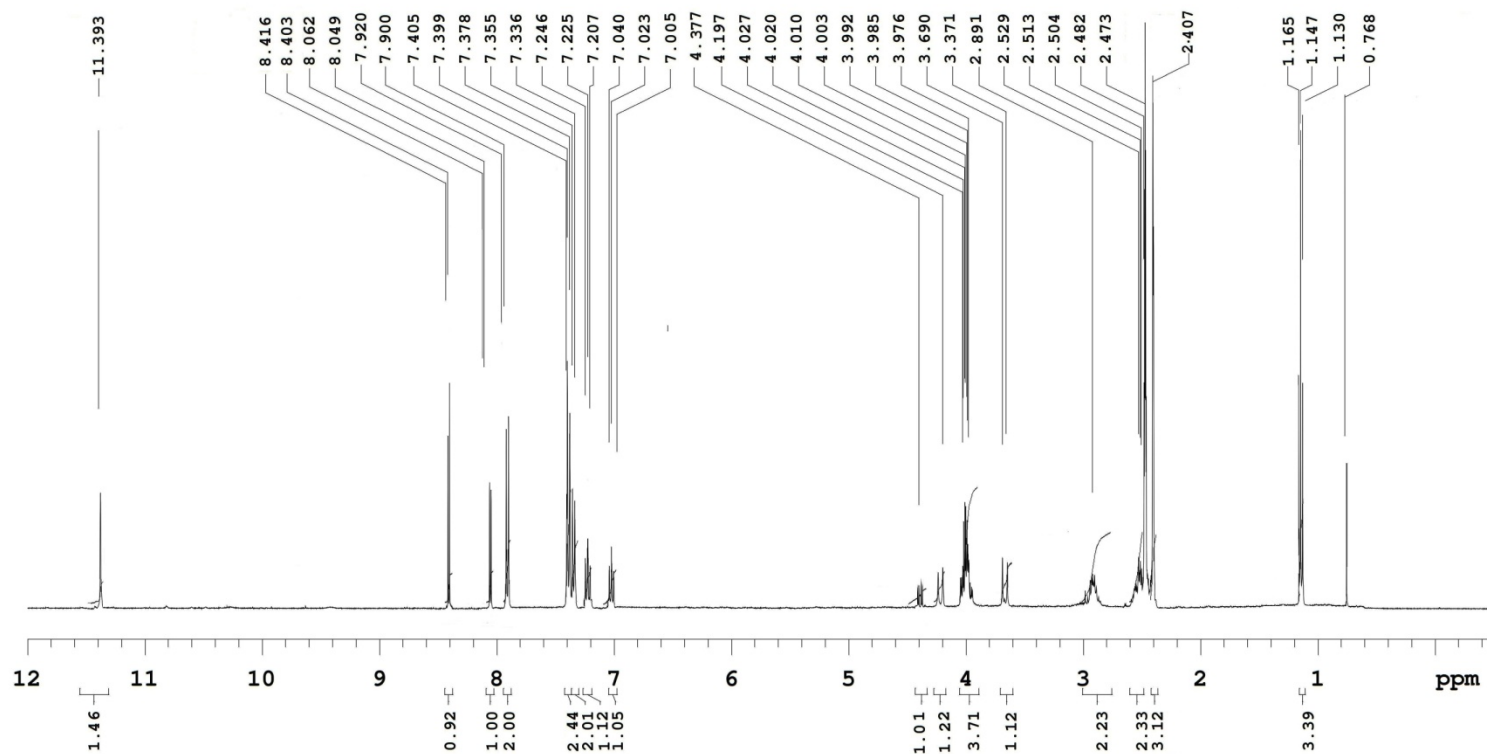
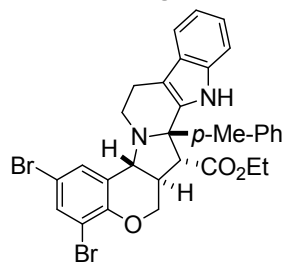
¹H NMR of **4f** in DMSO-d₆



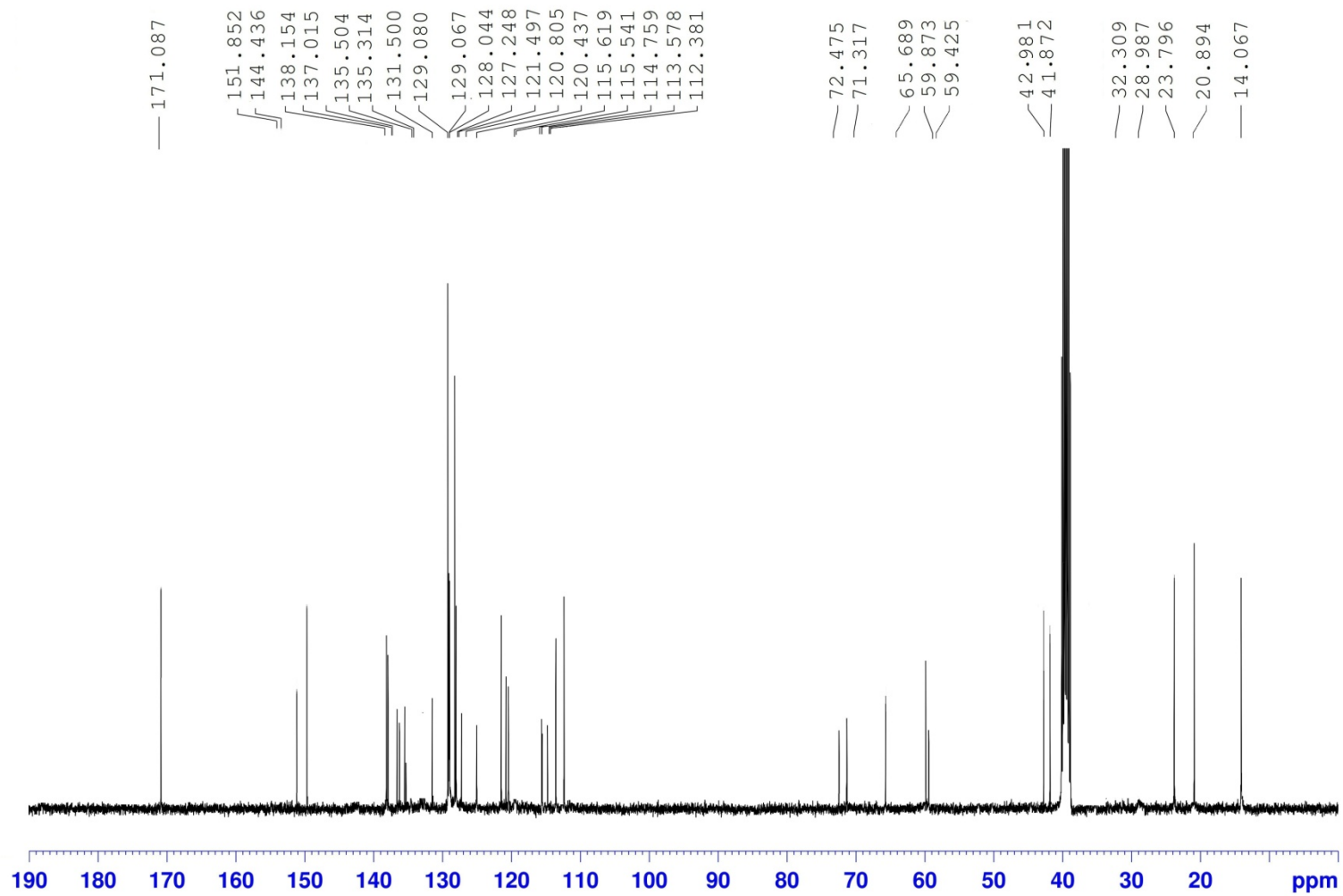
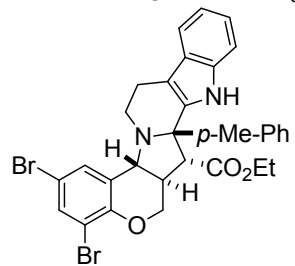
¹³C NMR of **4f** in DMSO-d₆



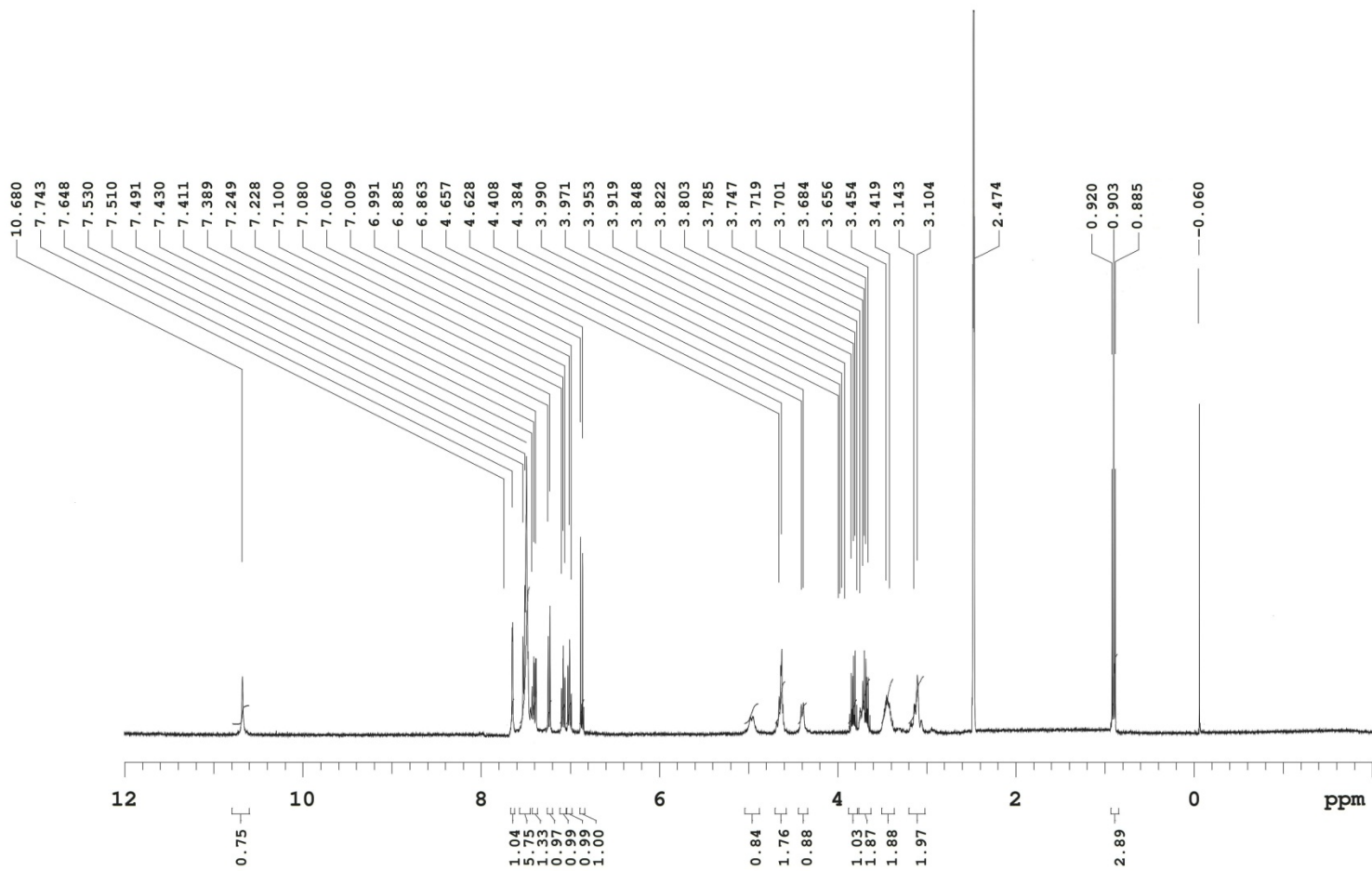
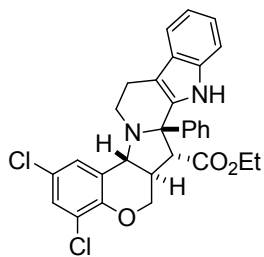
¹H NMR of **4g** in DMSO-d₆



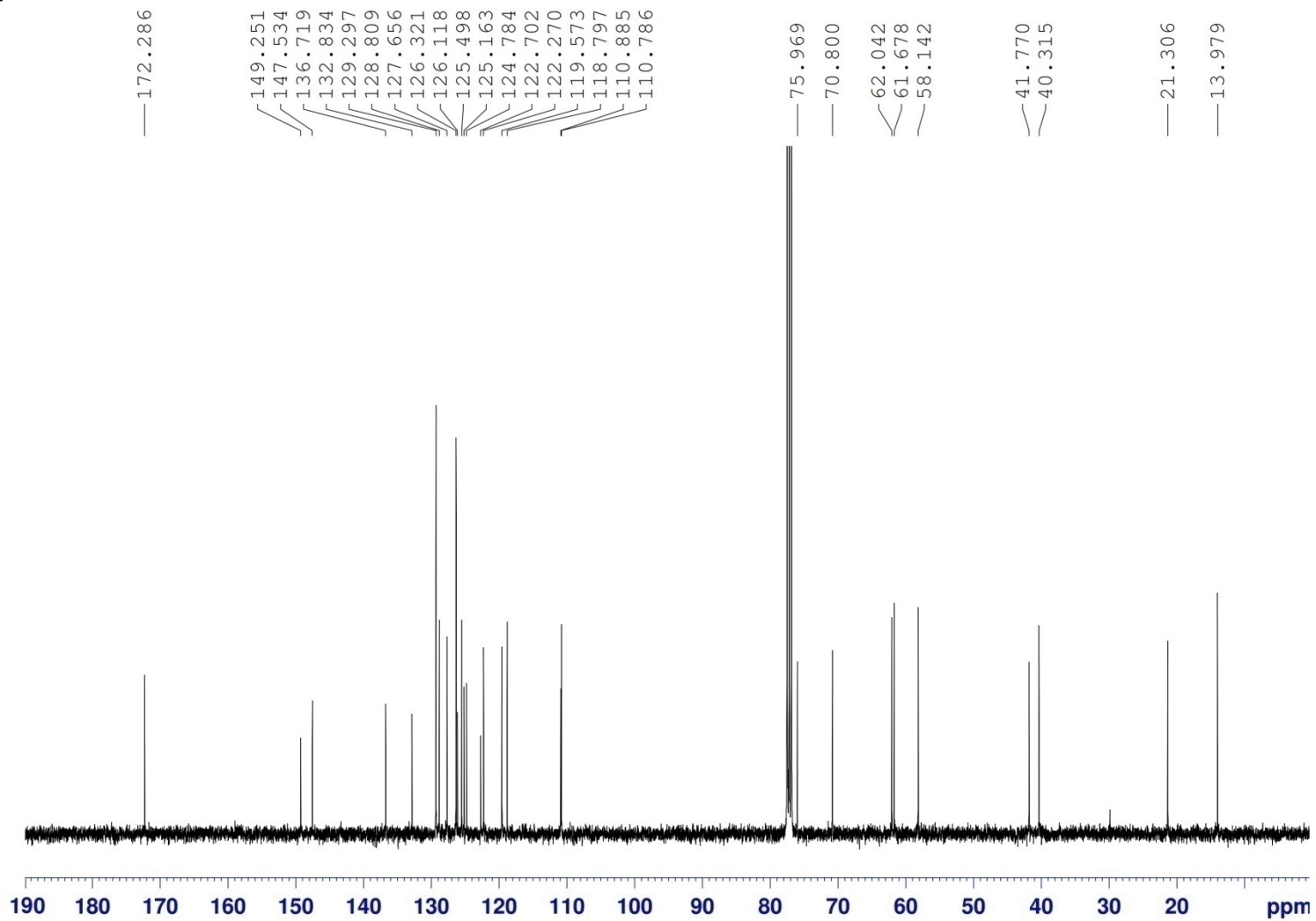
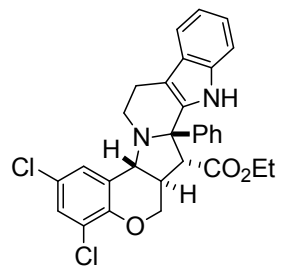
^{13}C NMR of **4g** in DMSO-d_6



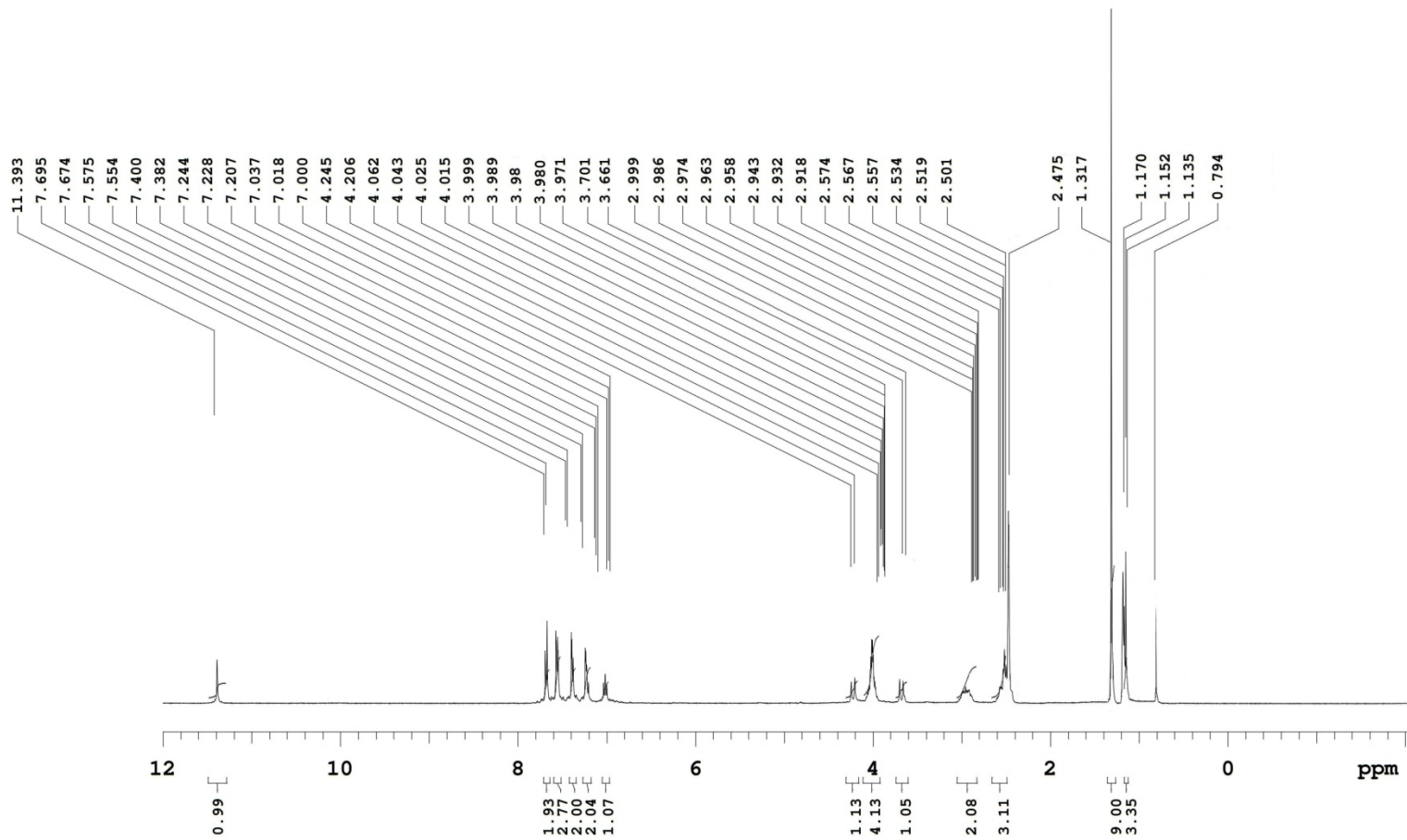
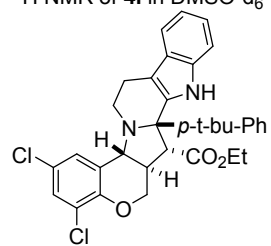
¹H NMR of **4h** in DMSO-d₆



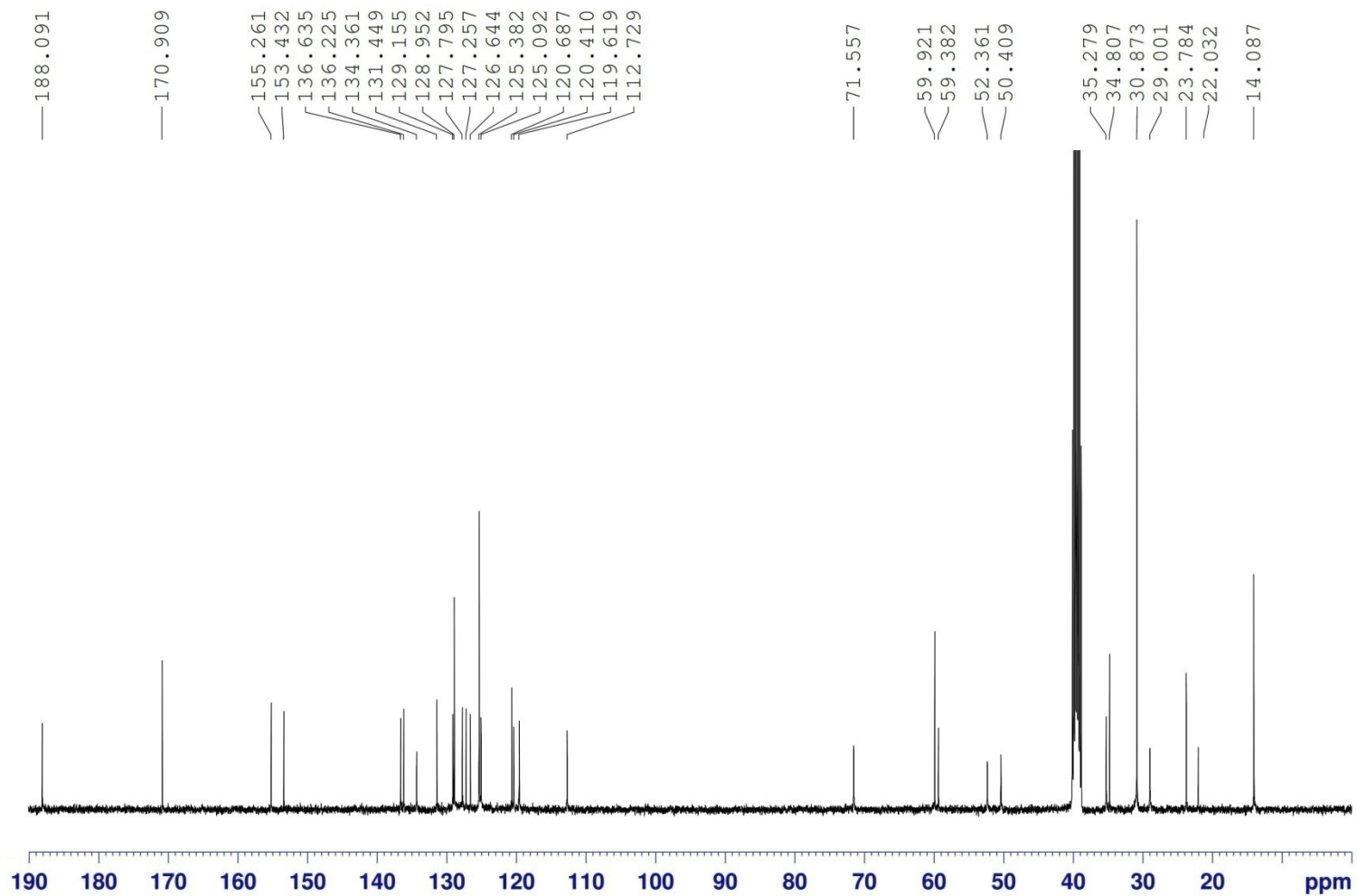
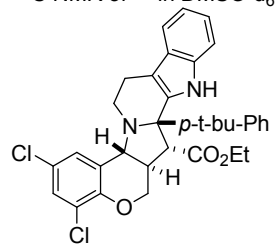
¹³C NMR of **4h** in CDCl₃



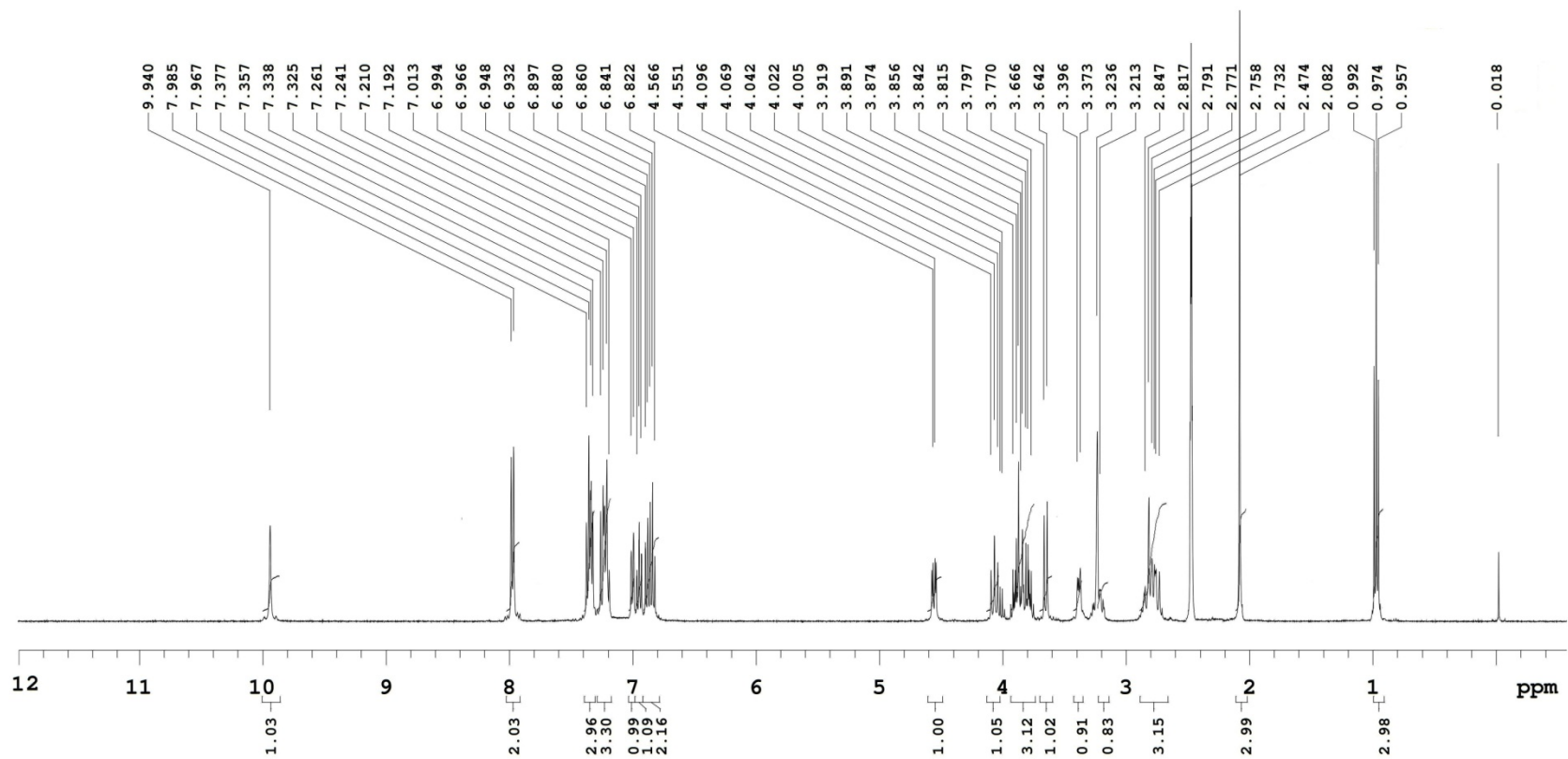
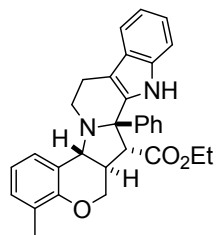
¹H NMR of **4i** in DMSO-d₆



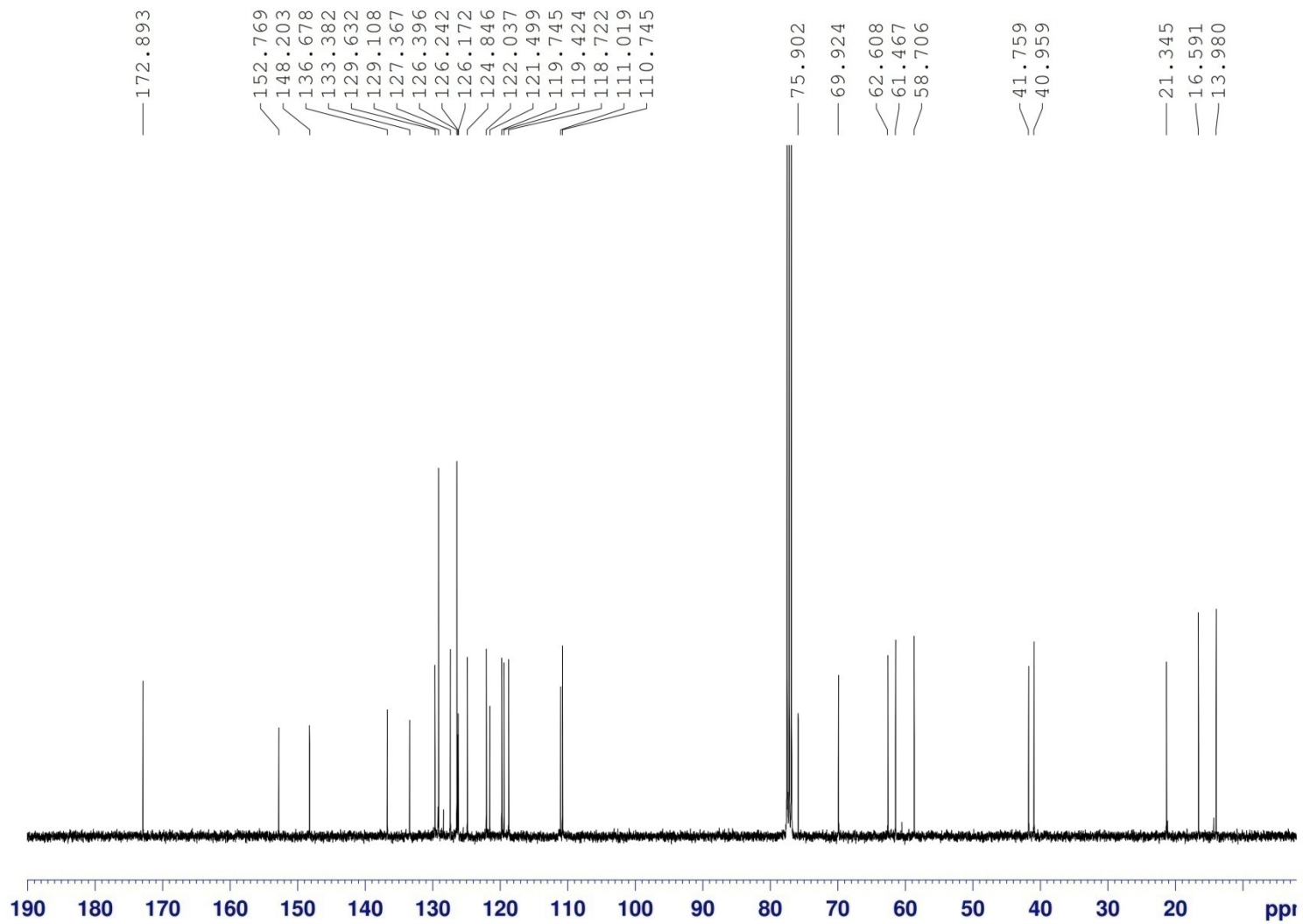
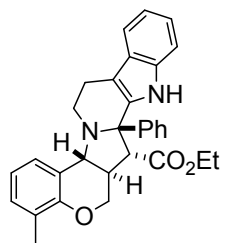
¹³C NMR of **4i** in DMSO-d₆



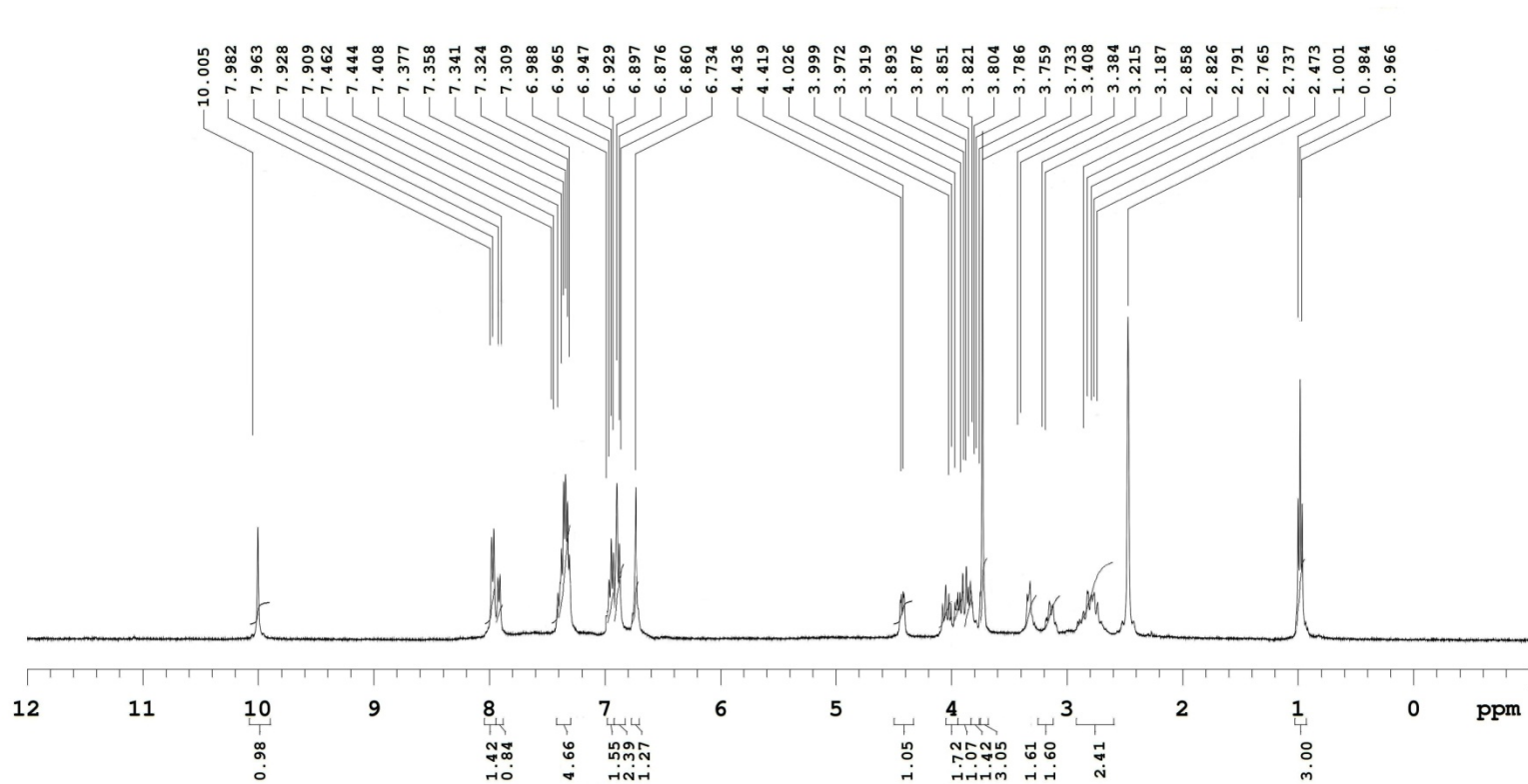
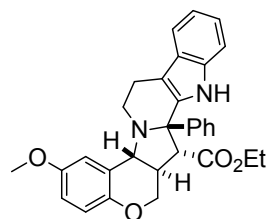
¹H NMR of **4j** in DMSO-d₆



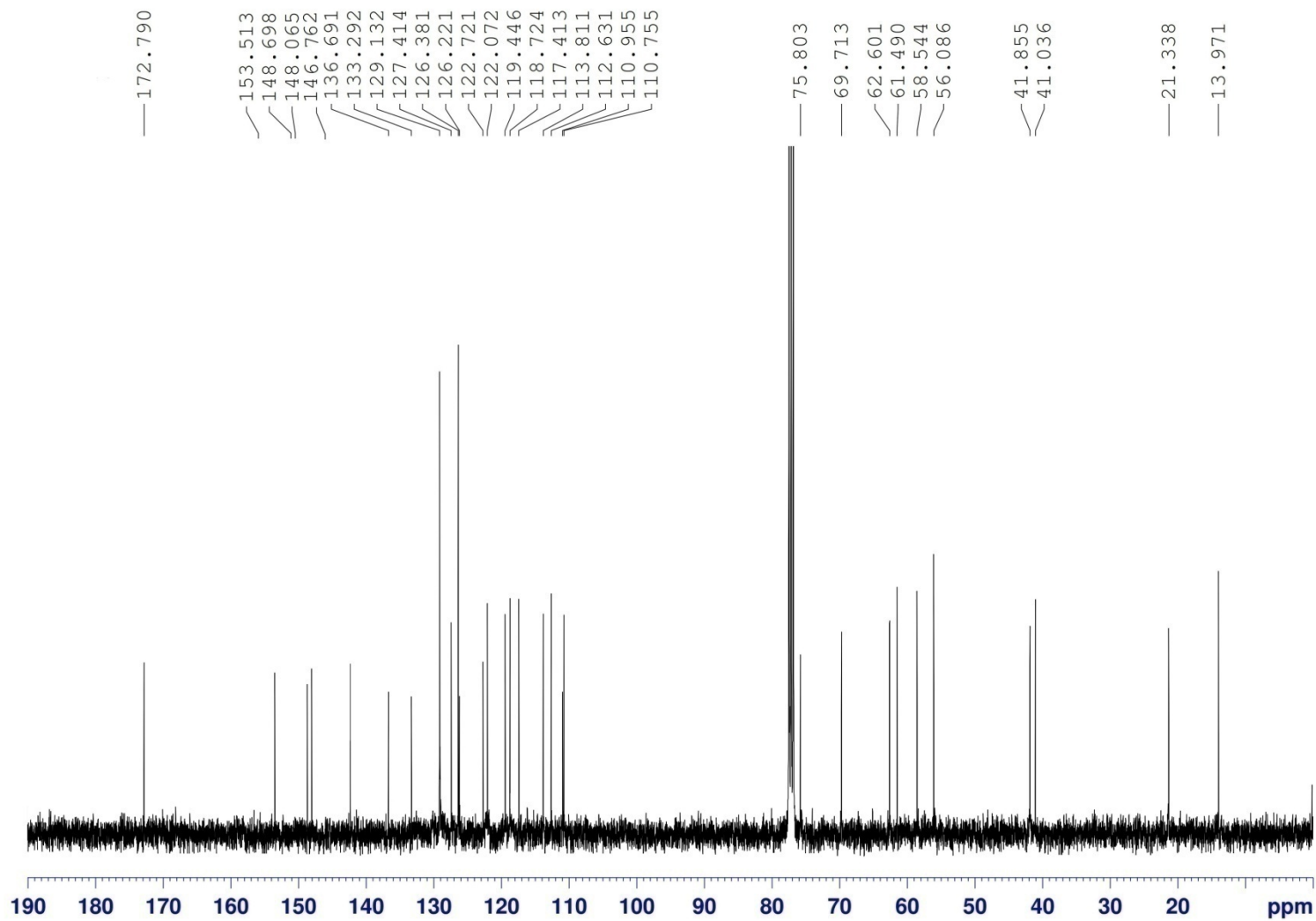
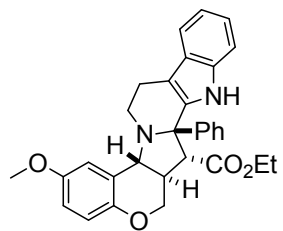
^{13}C NMR of **4j** in CDCl_3



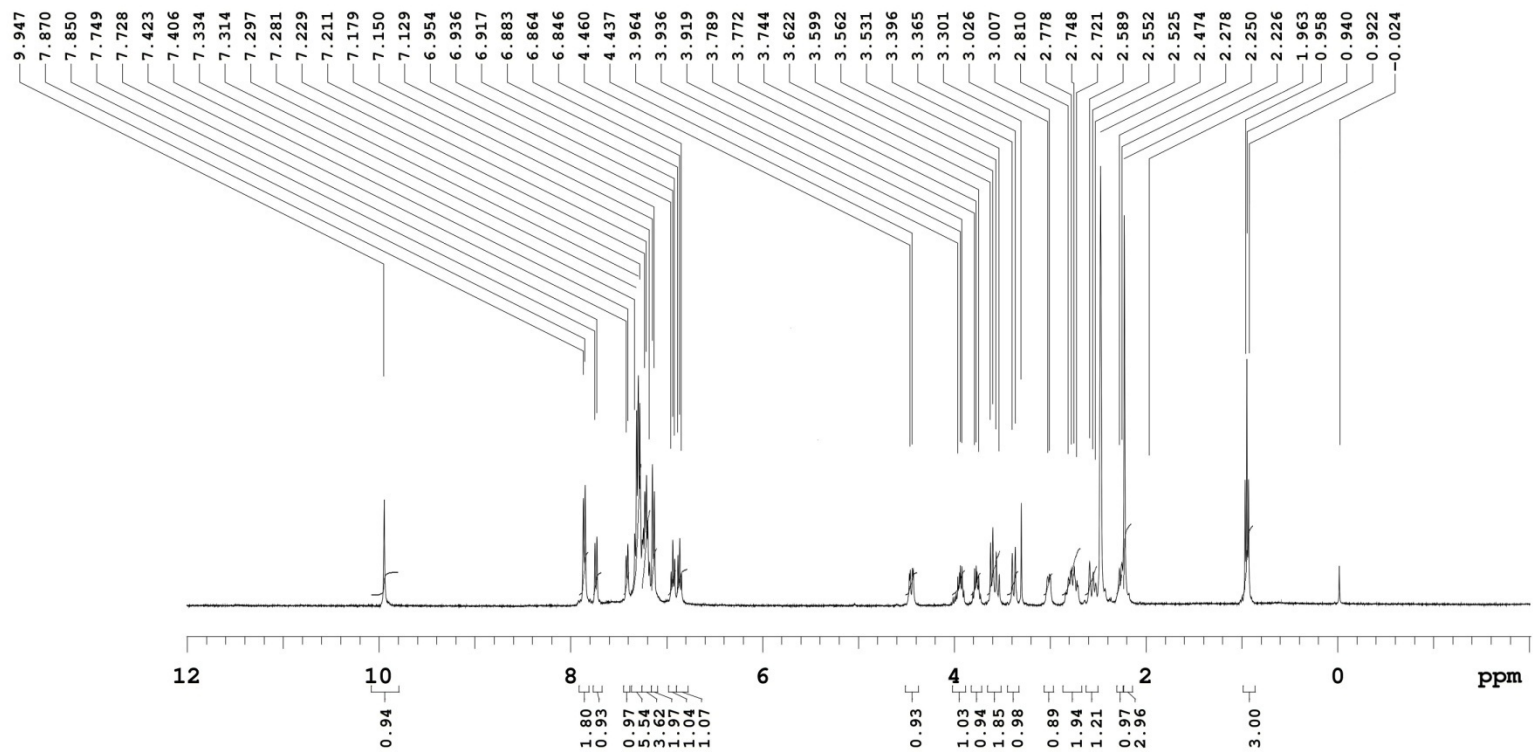
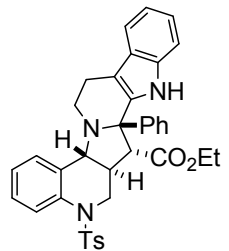
¹H NMR of **4k** in DMSO-d₆



^{13}C NMR of **4k** in CDCl_3



¹H NMR of **4I** in DMSO-d₆



¹³C NMR of **4I** in CDCl₃

