

**Synthesis of 1,2-Annulated and 1,2-Unsubstituted
Pyrrolo[2,1,5-*de*]quinolizine-5-ones (Cycl[3.3.2]azin-5-ones) via
[3+2] Cycloadditions of 1-Oxoquinolinium Ylides with Cyclic
Alkenes**

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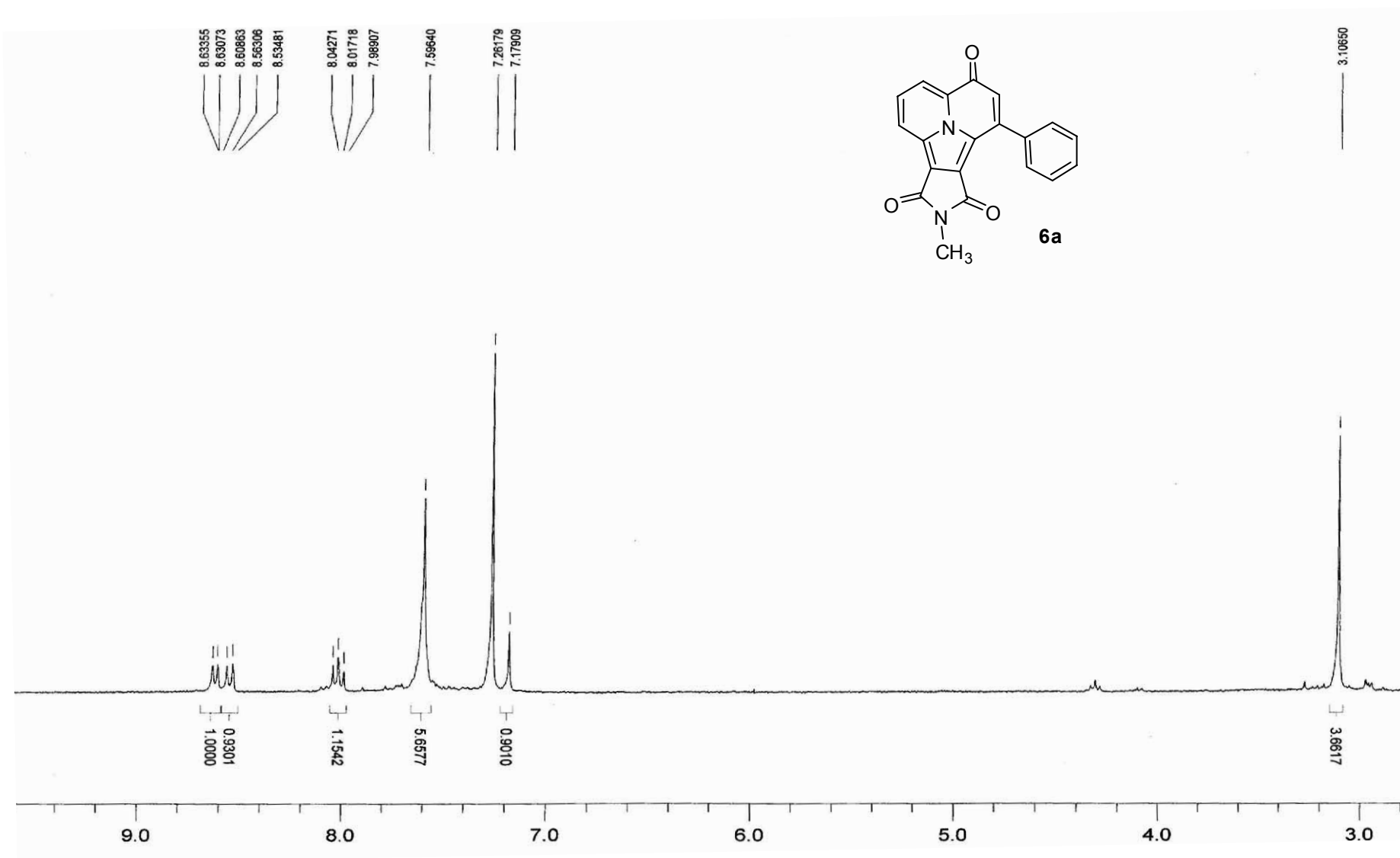
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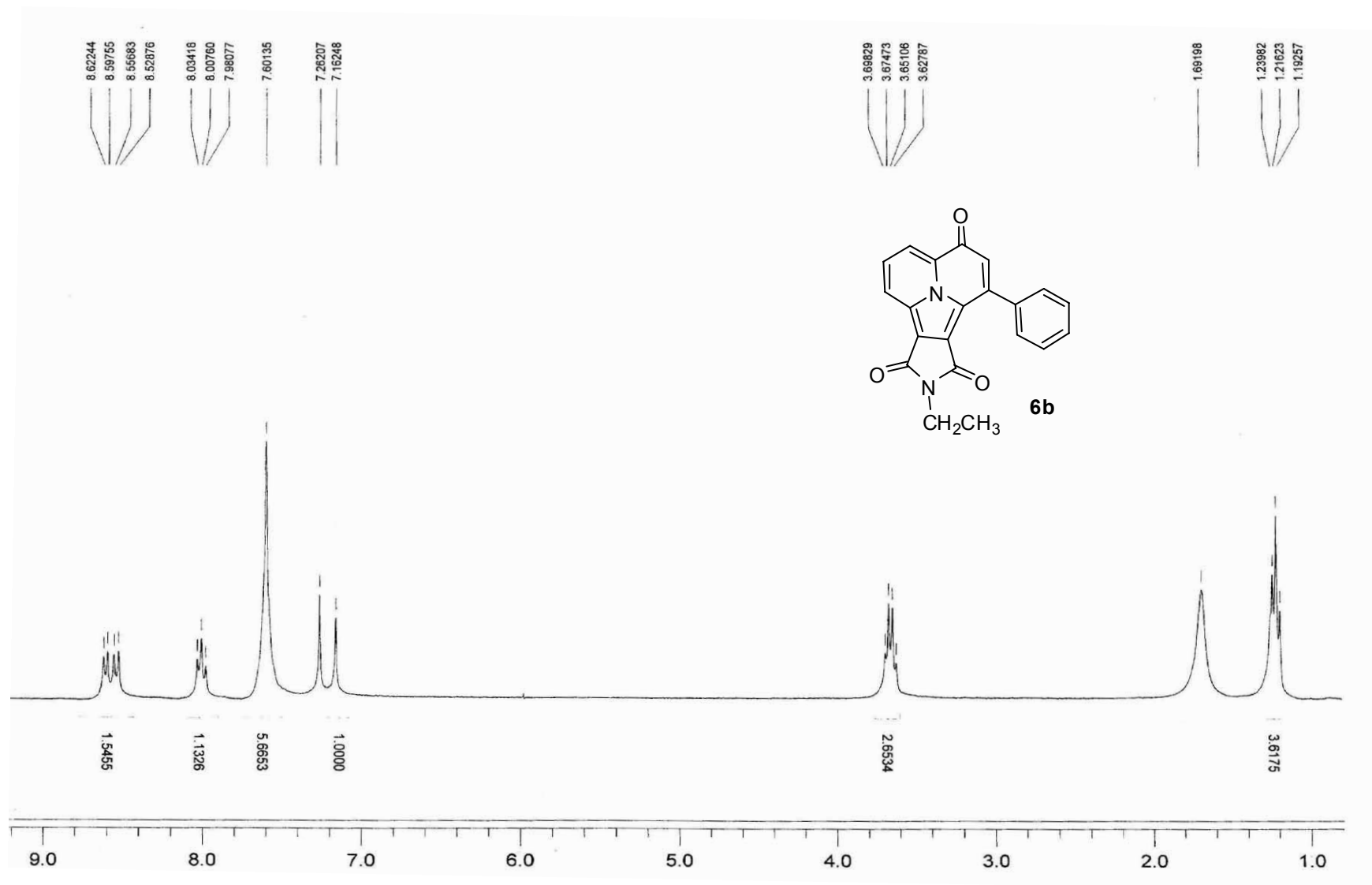
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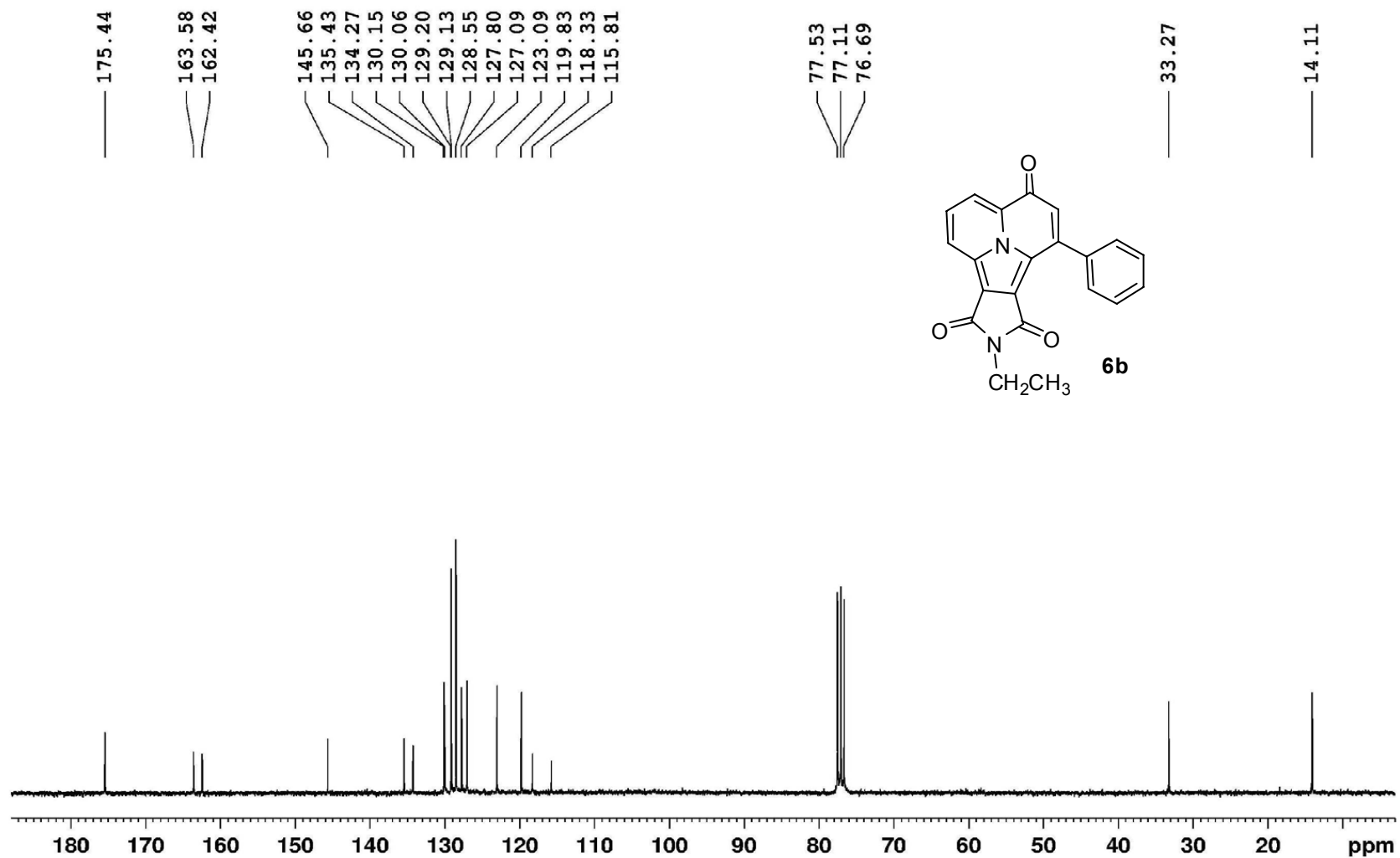
Supplementary Information

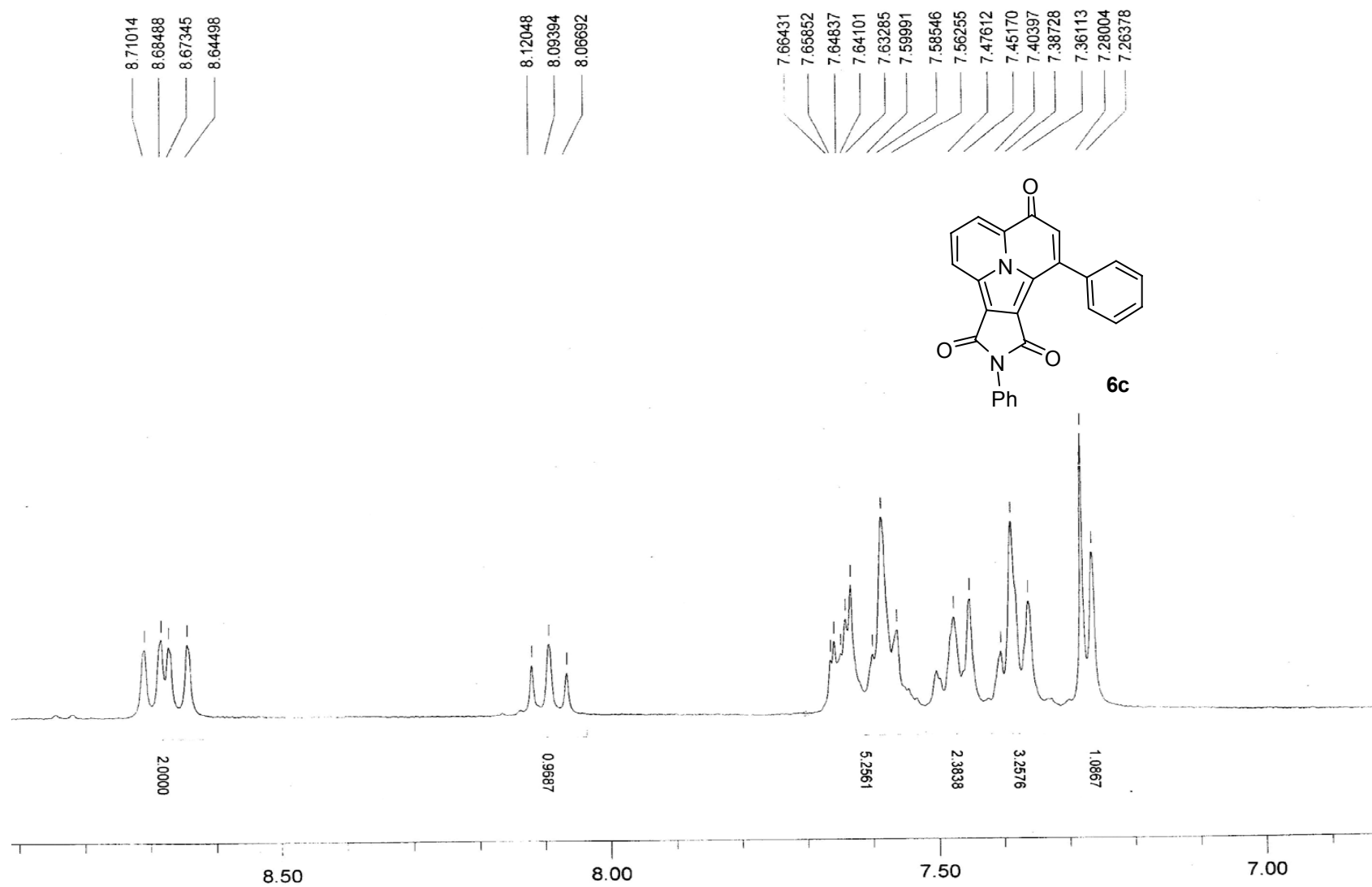
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Copies of ¹ H NMR and ¹³ C NMR Spectra of compounds 7a-7f	S20-S30
Copies of ¹ H NMR and ¹³ C NMR Spectra of compounds 8a,8b	S31-S34
Copy of ¹ H NMR Spectrum of compound 9	S35

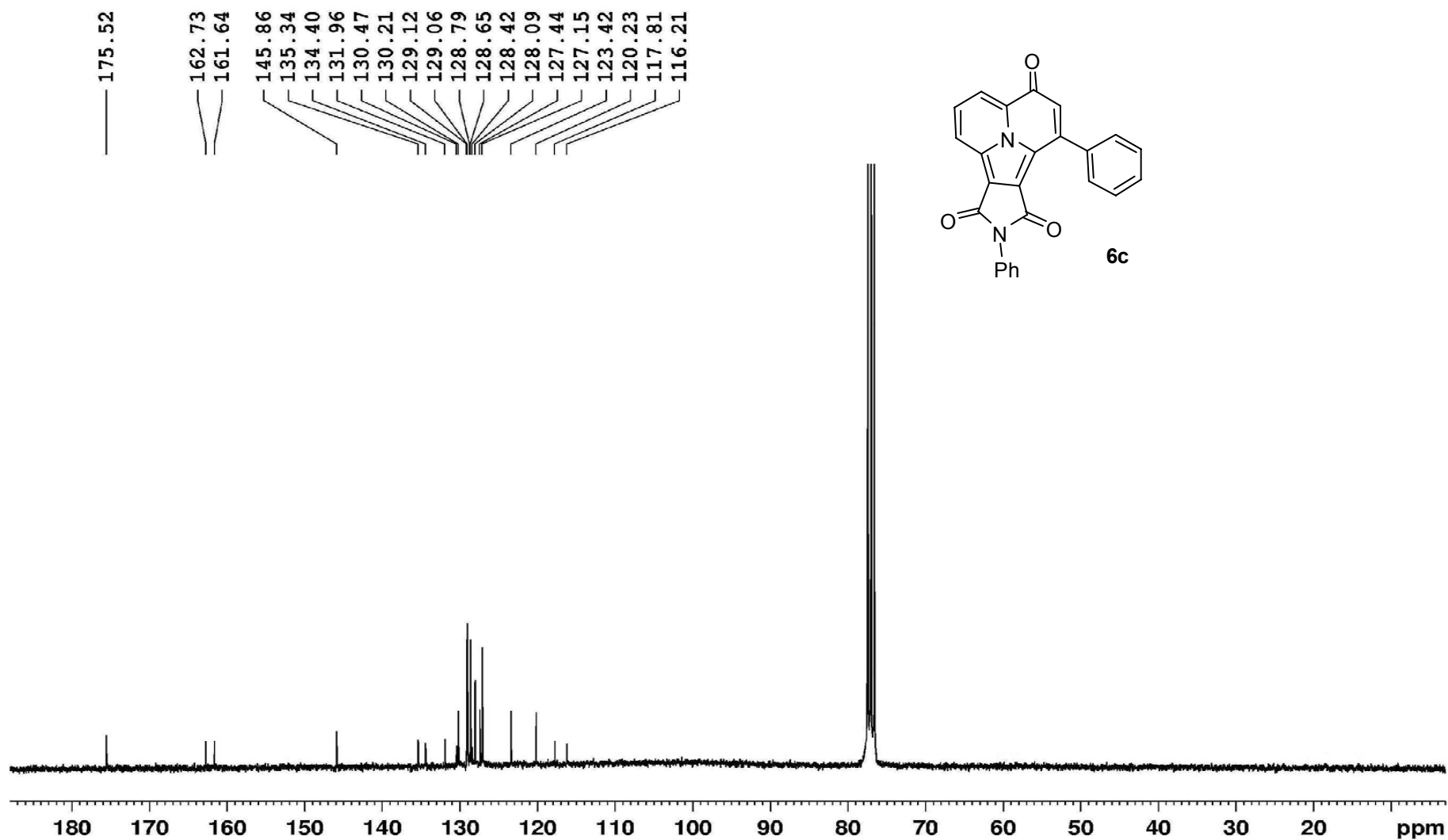


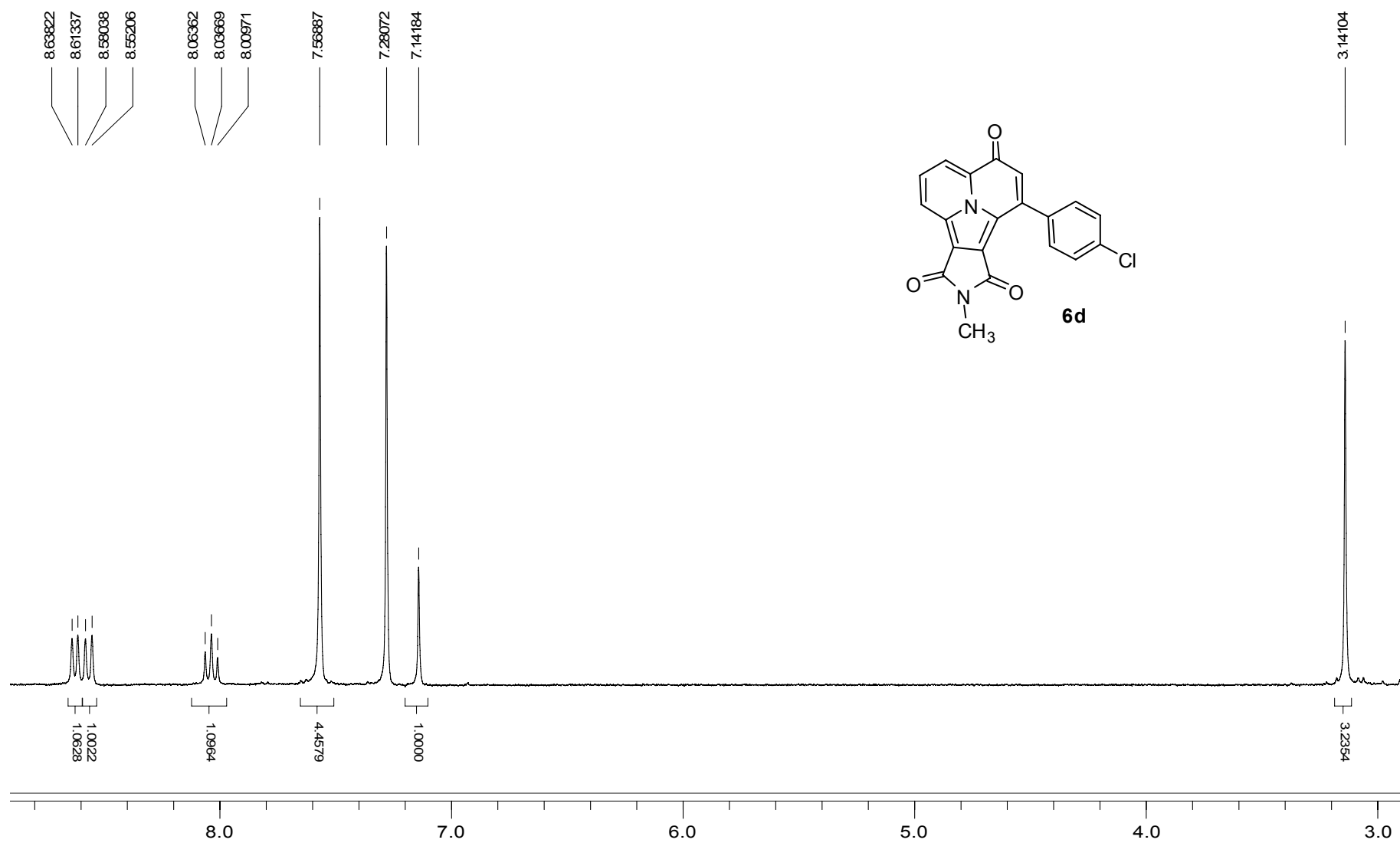


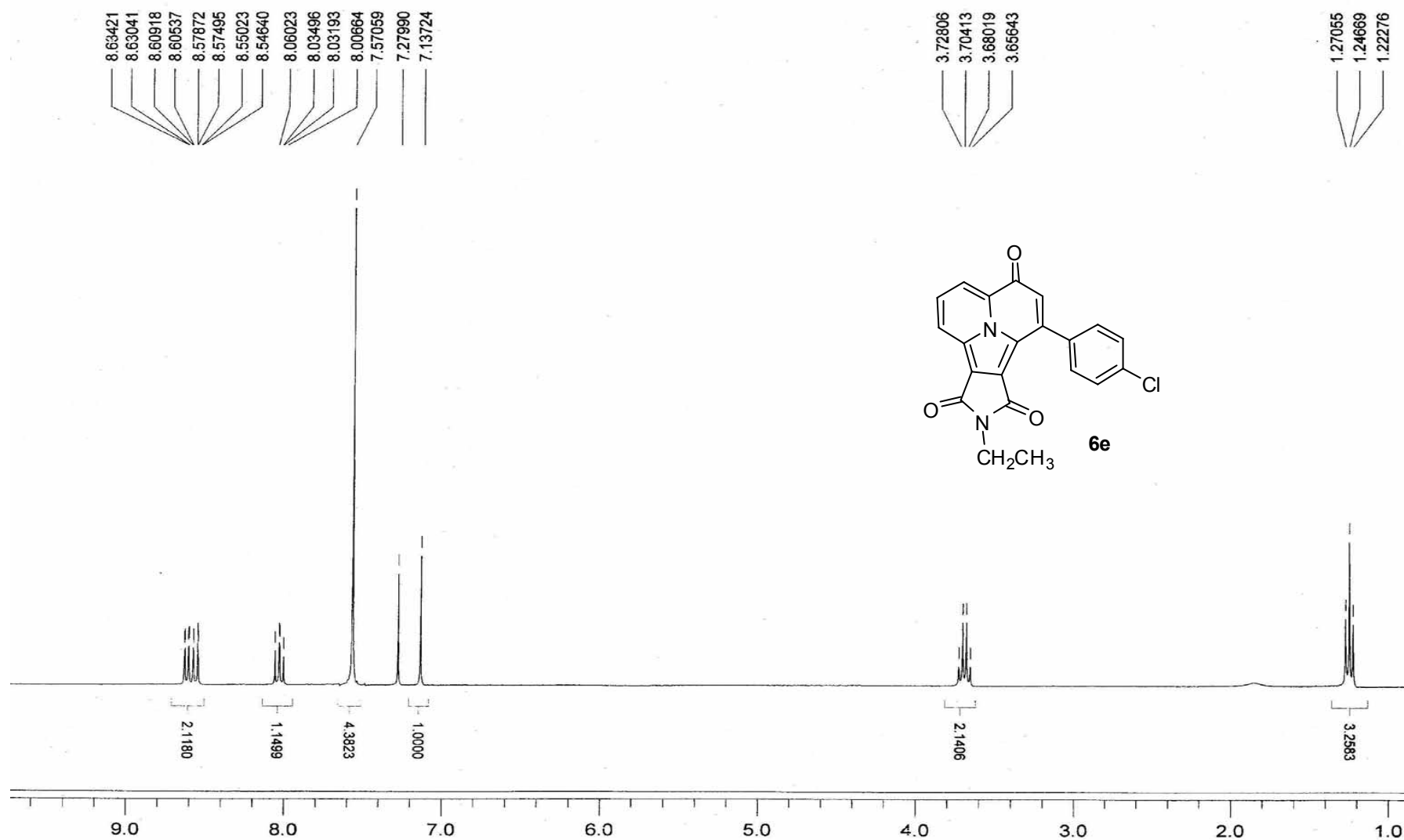
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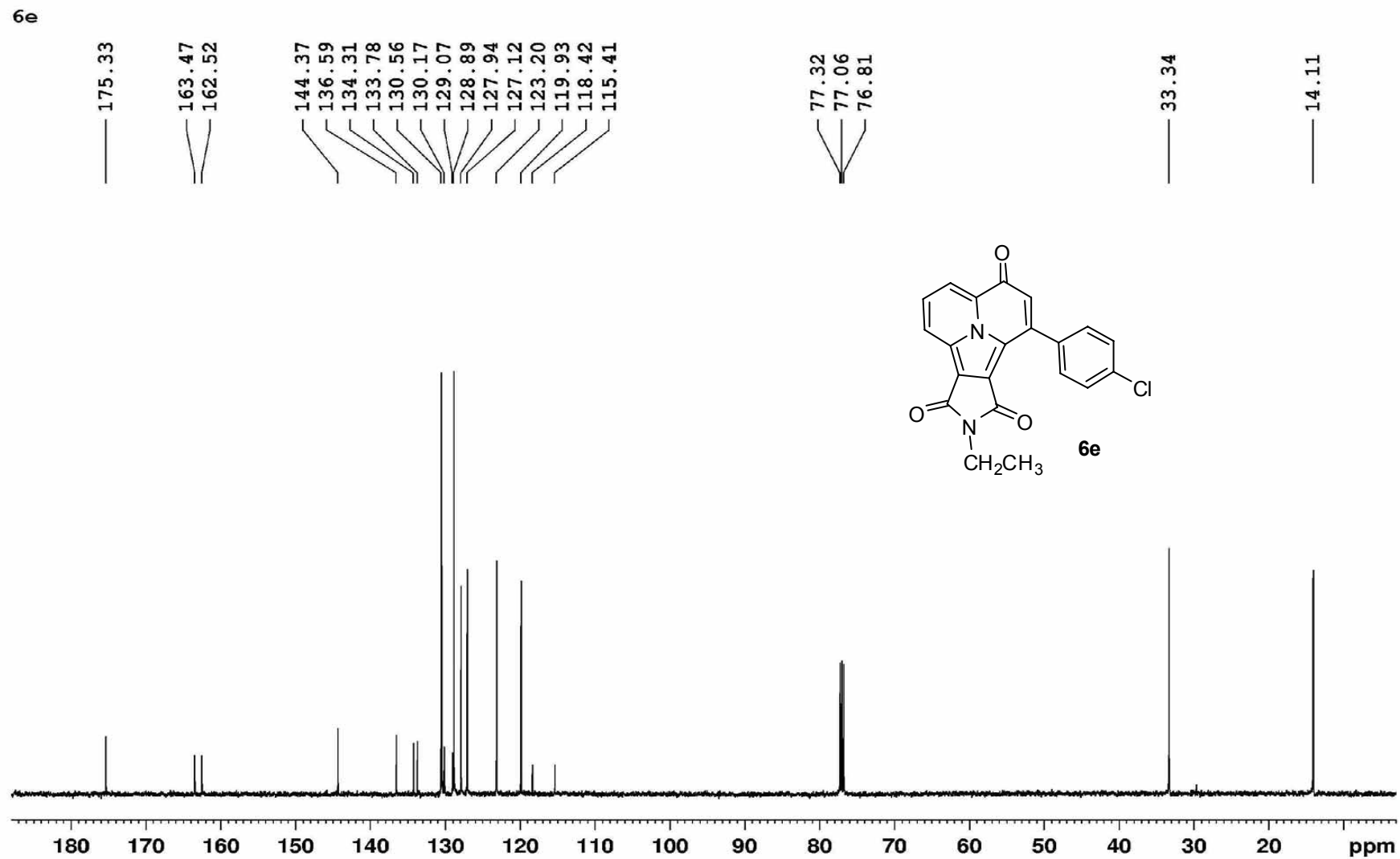


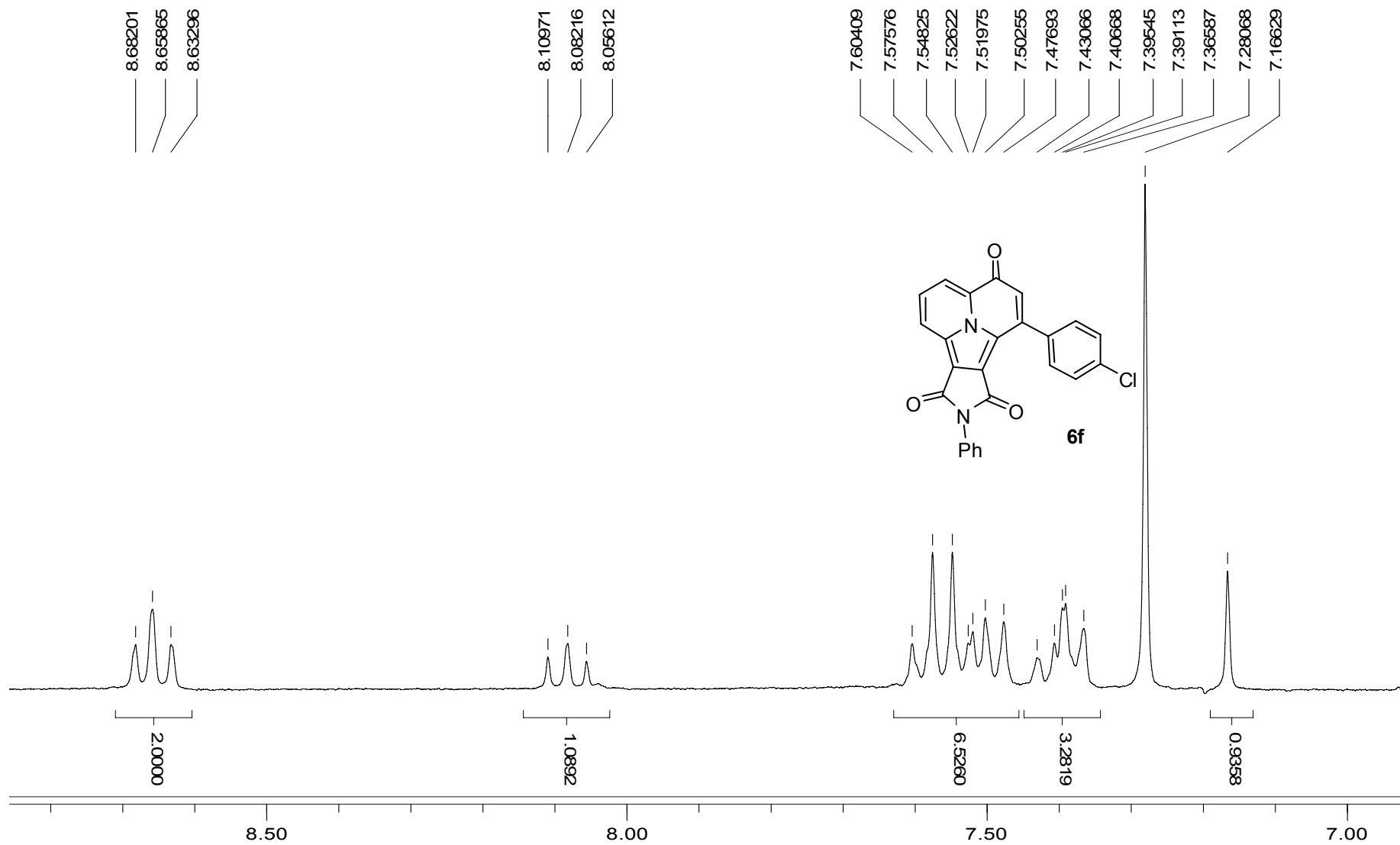


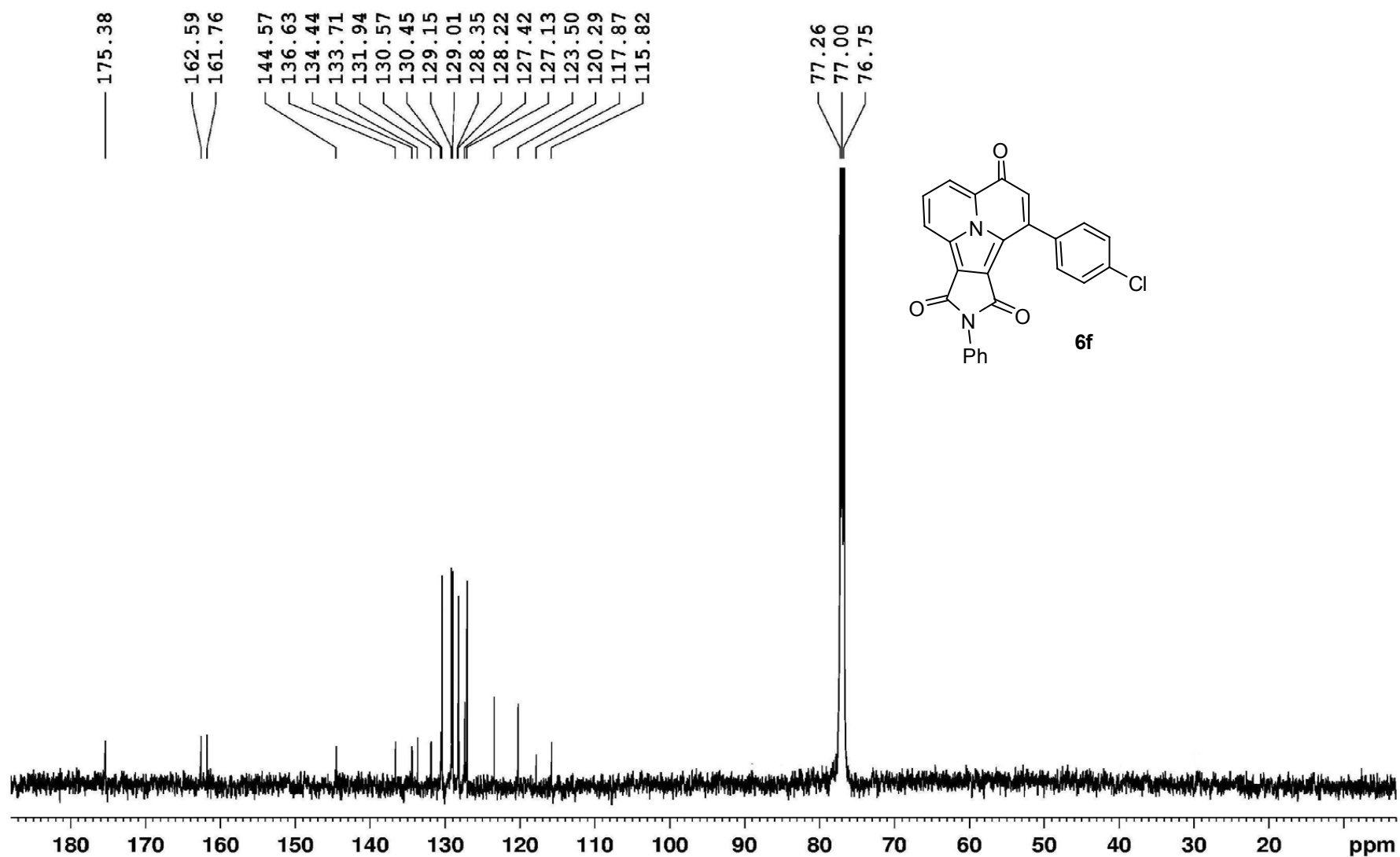


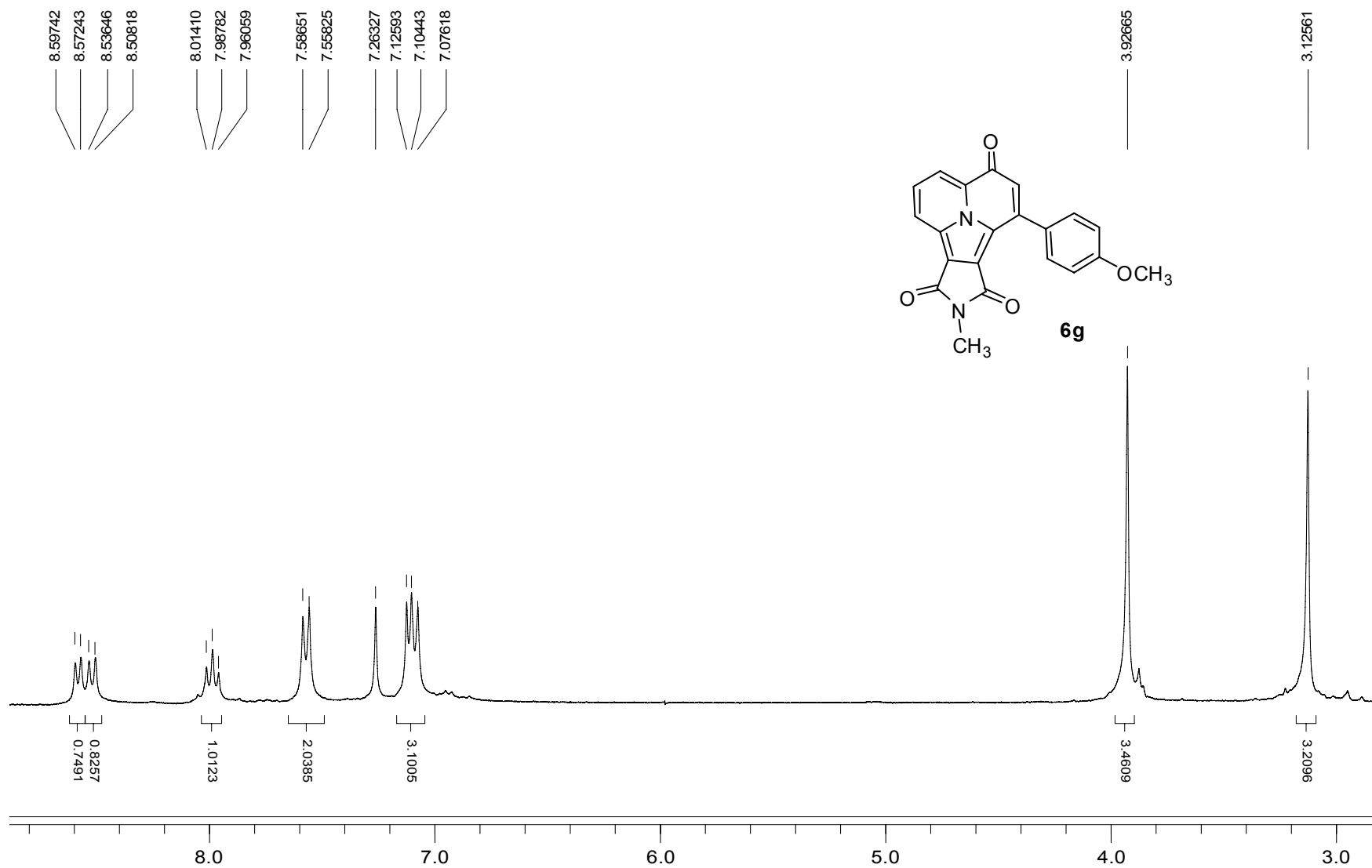


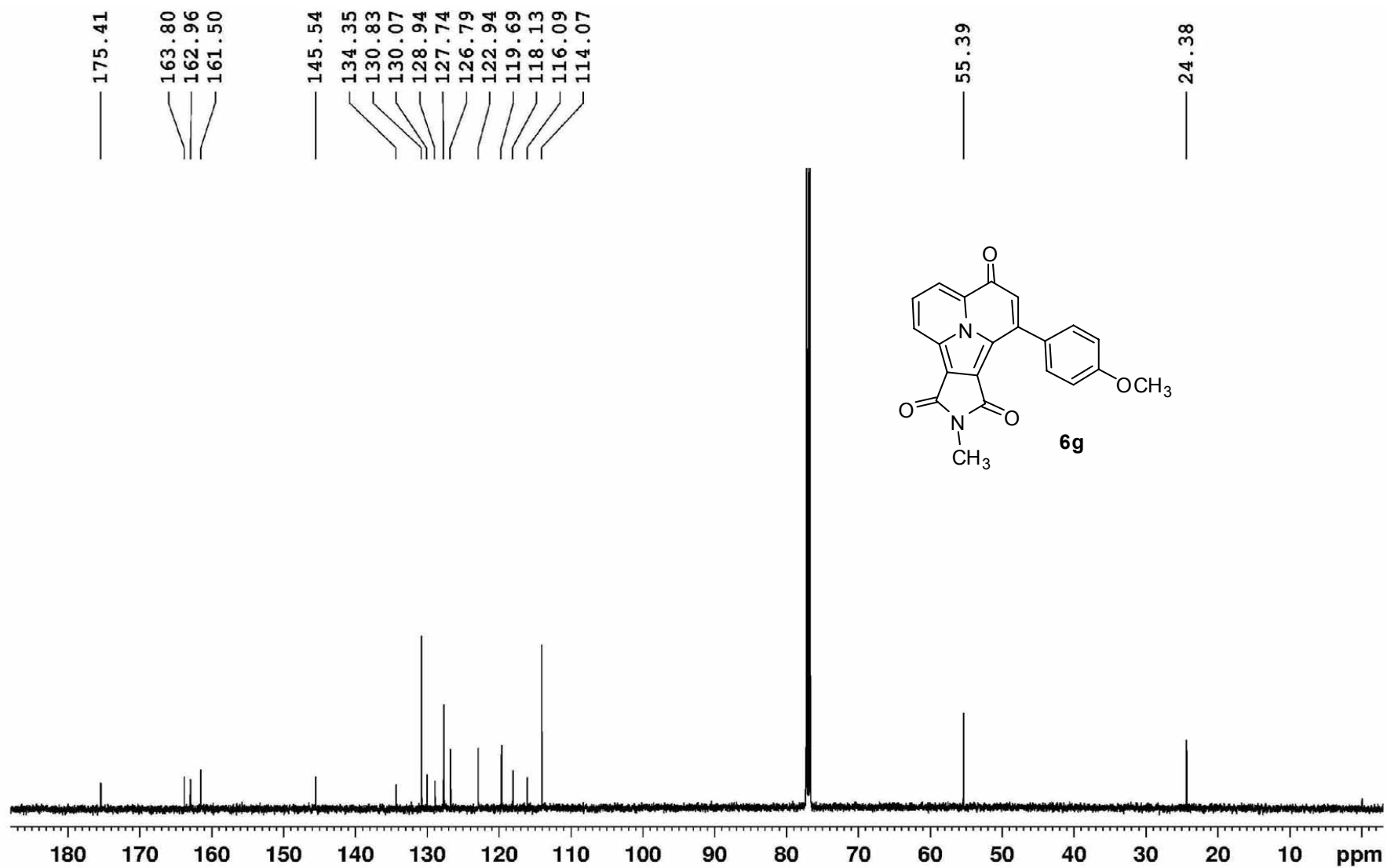


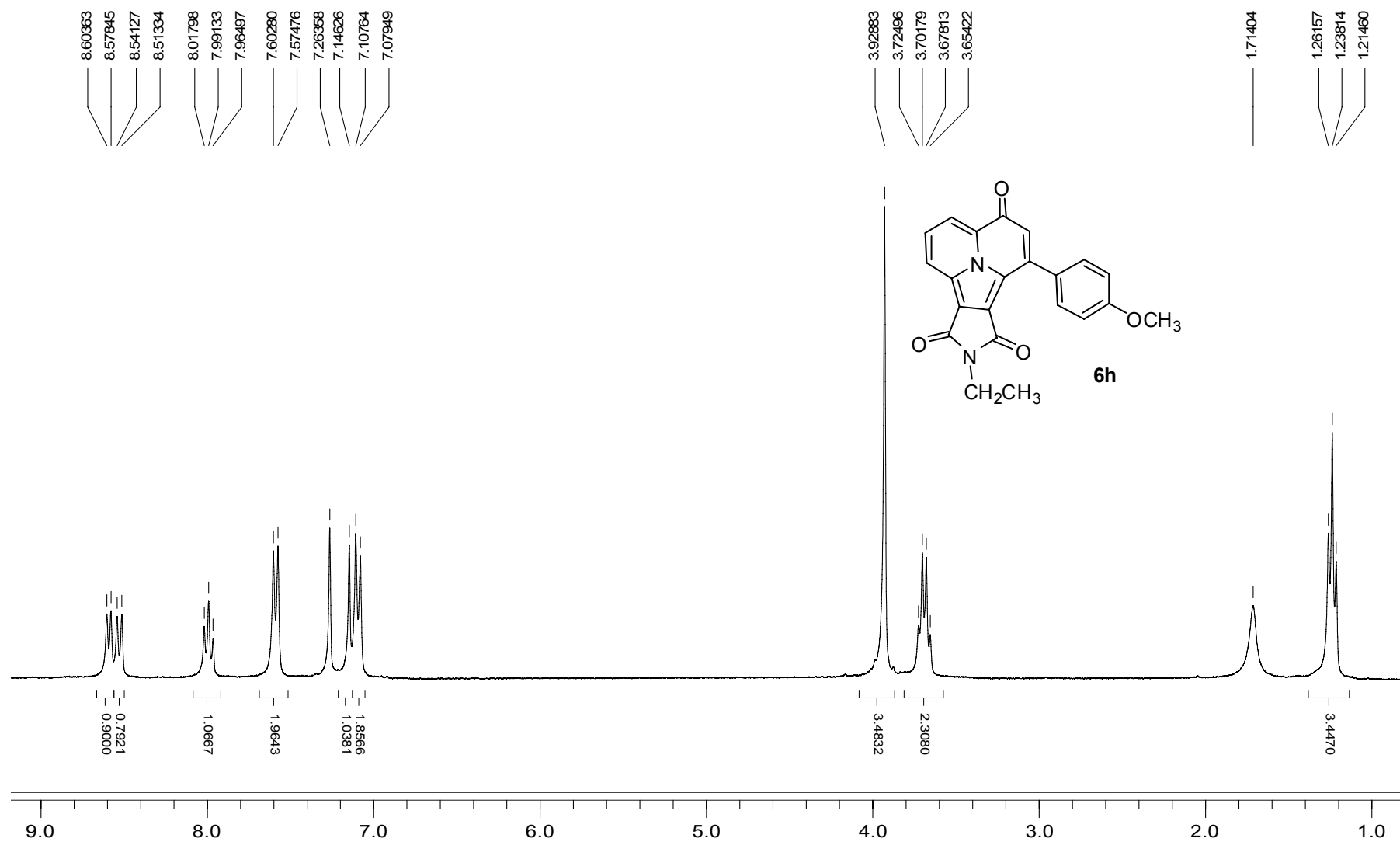


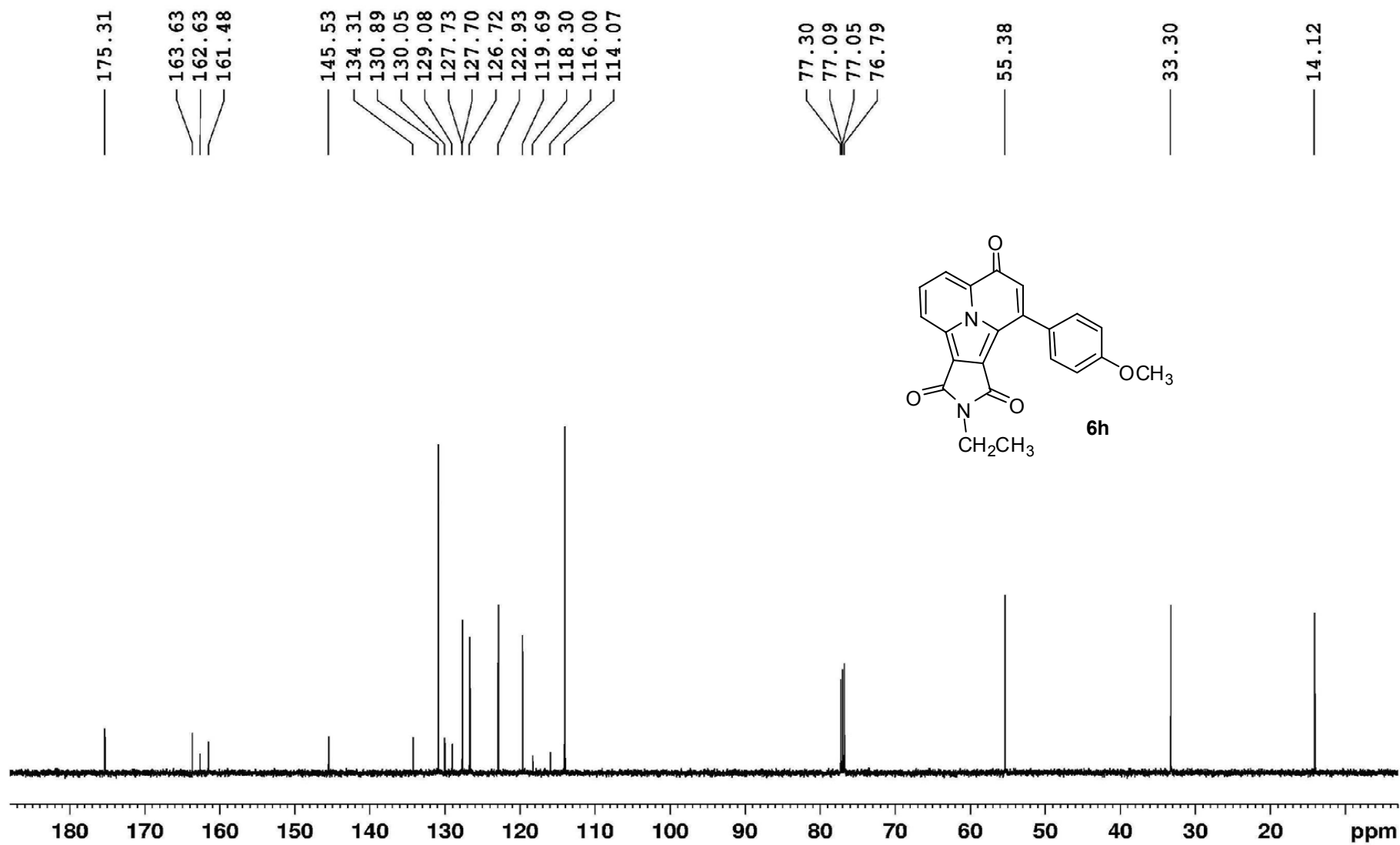


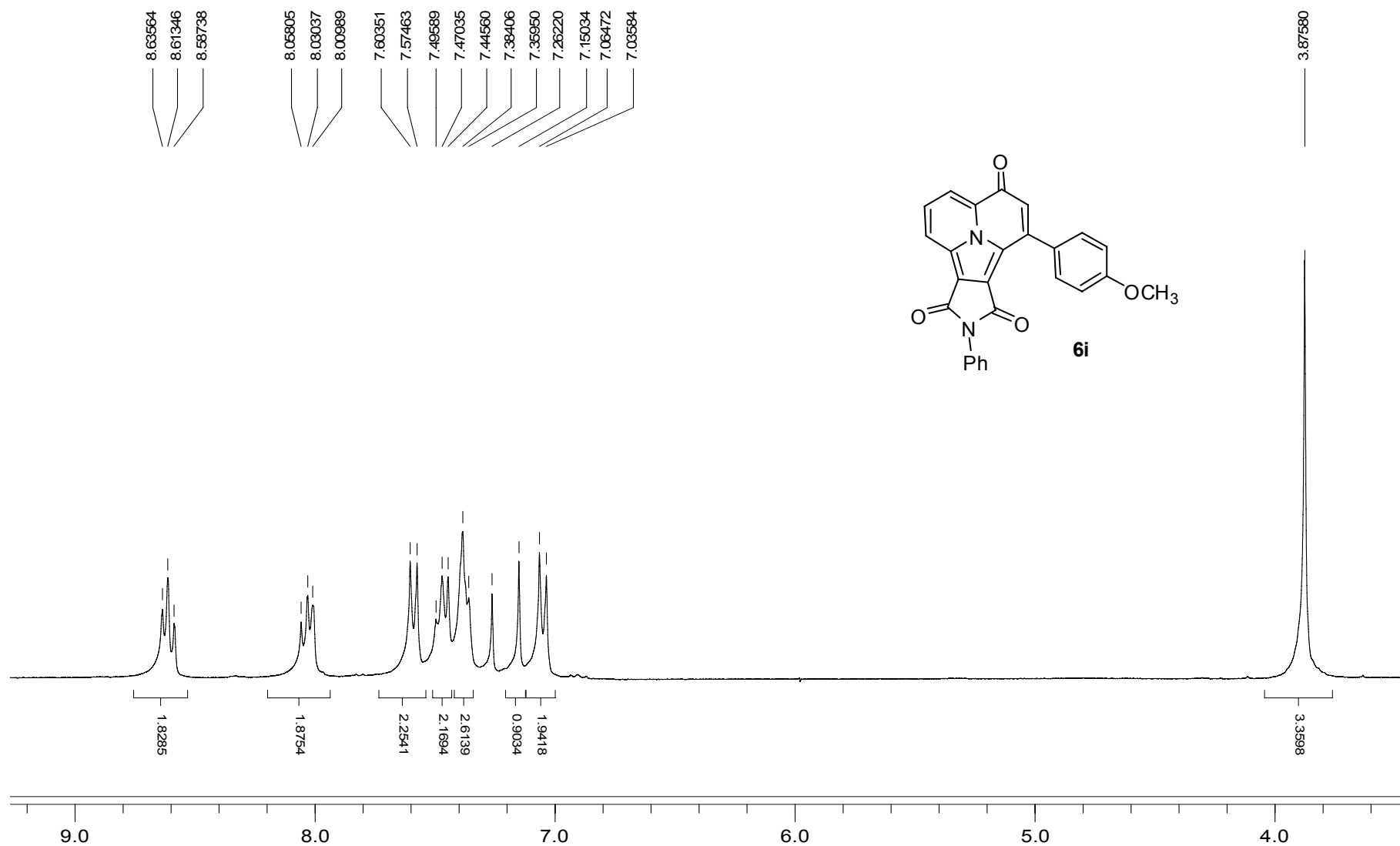


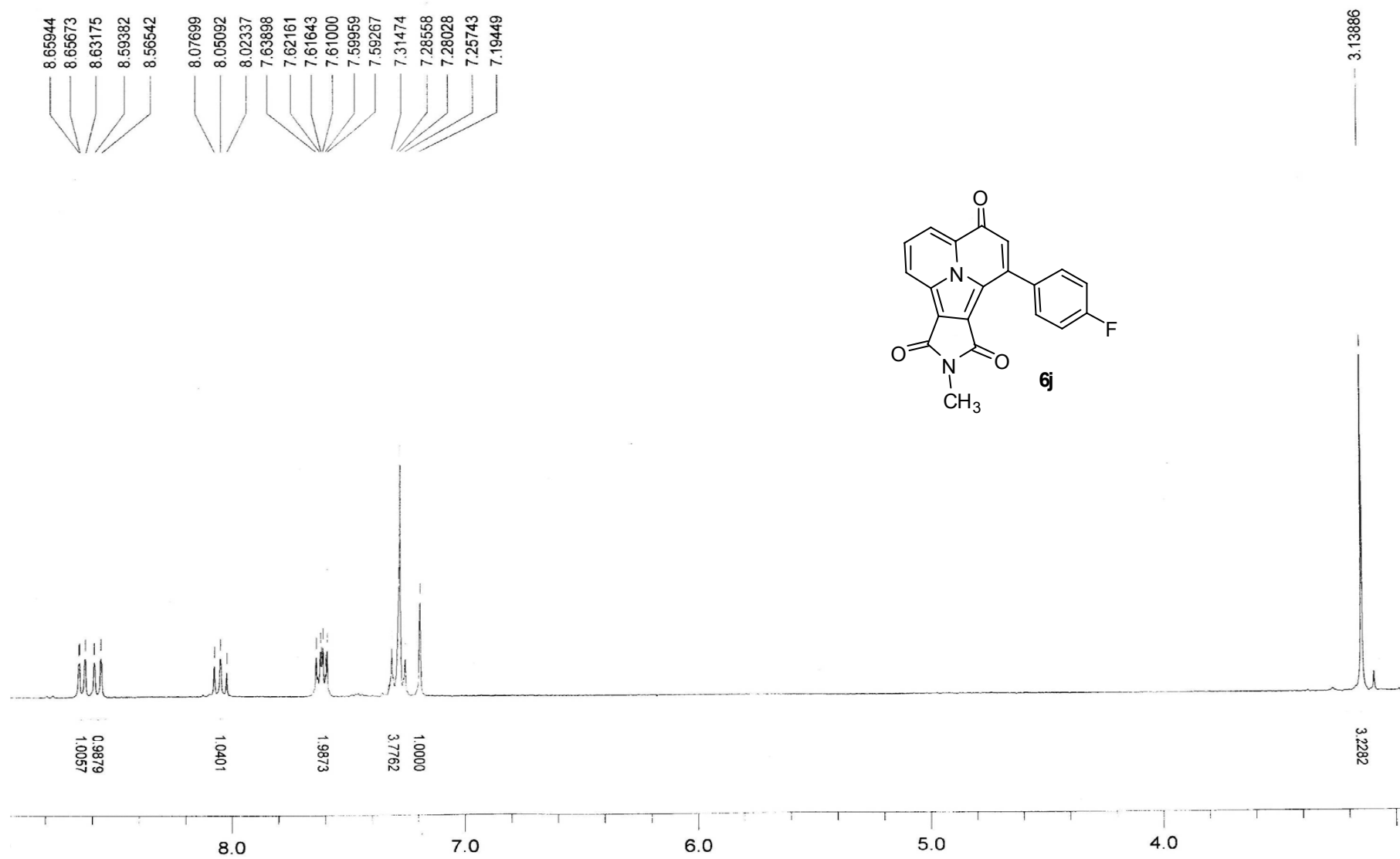


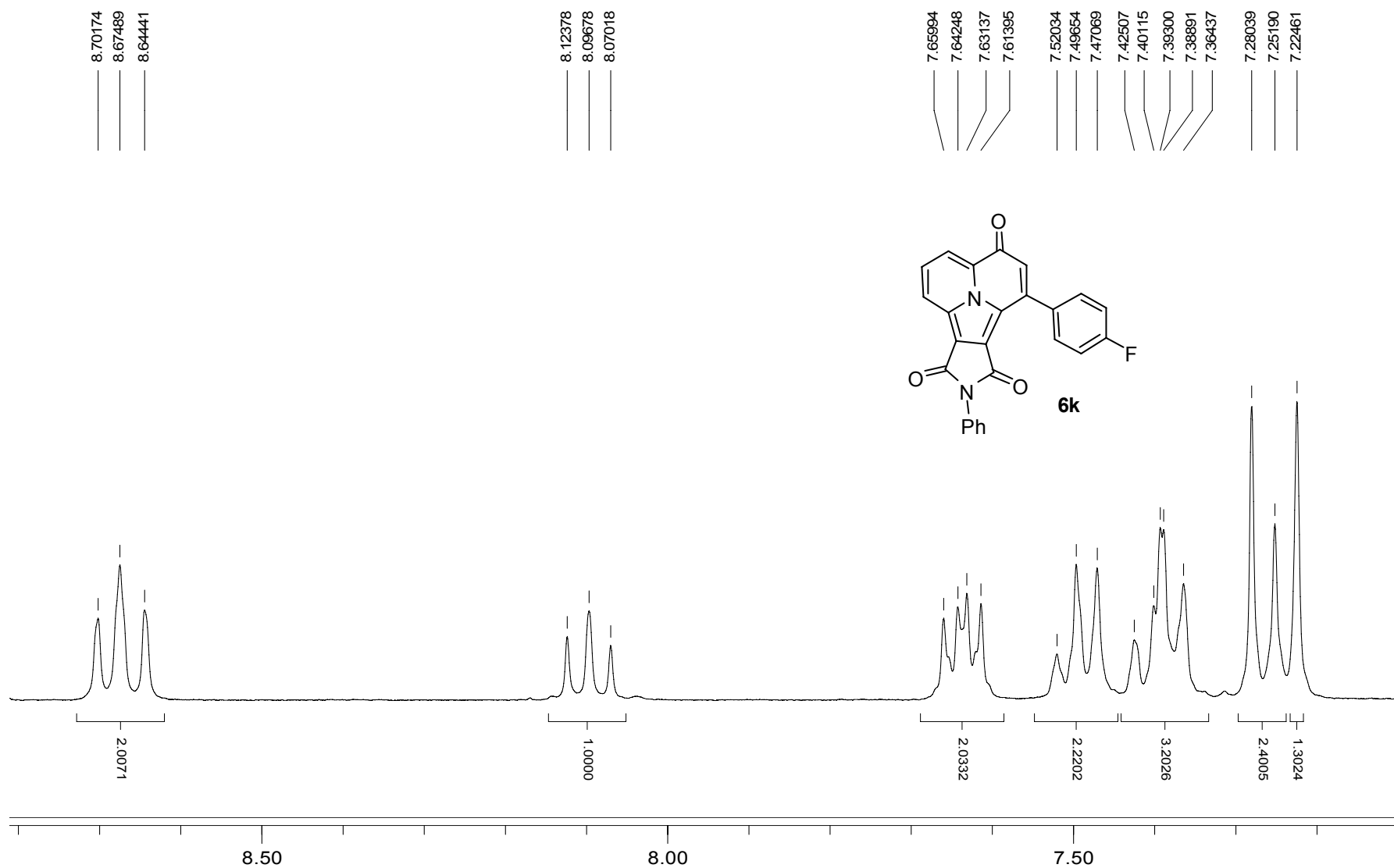




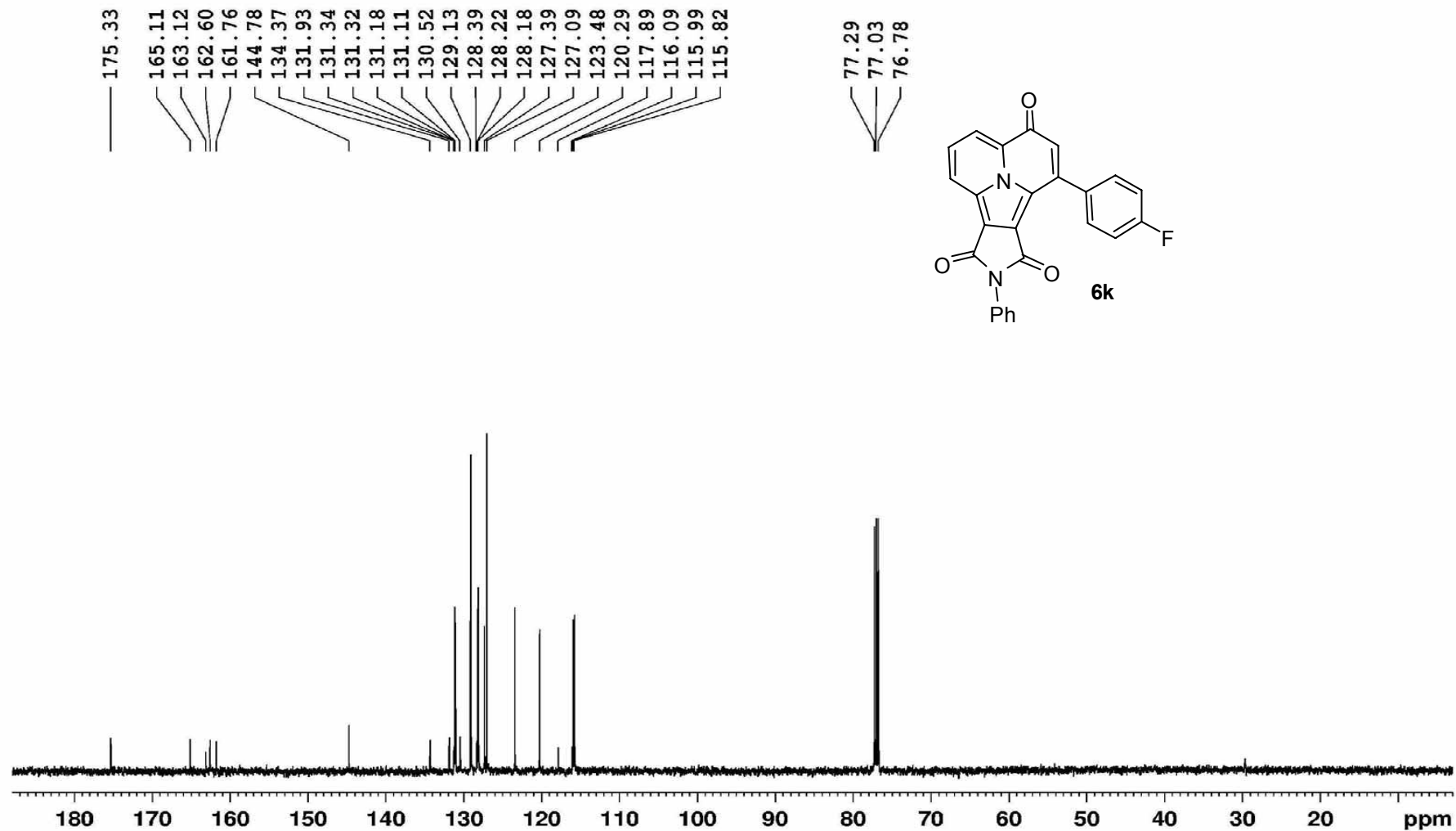


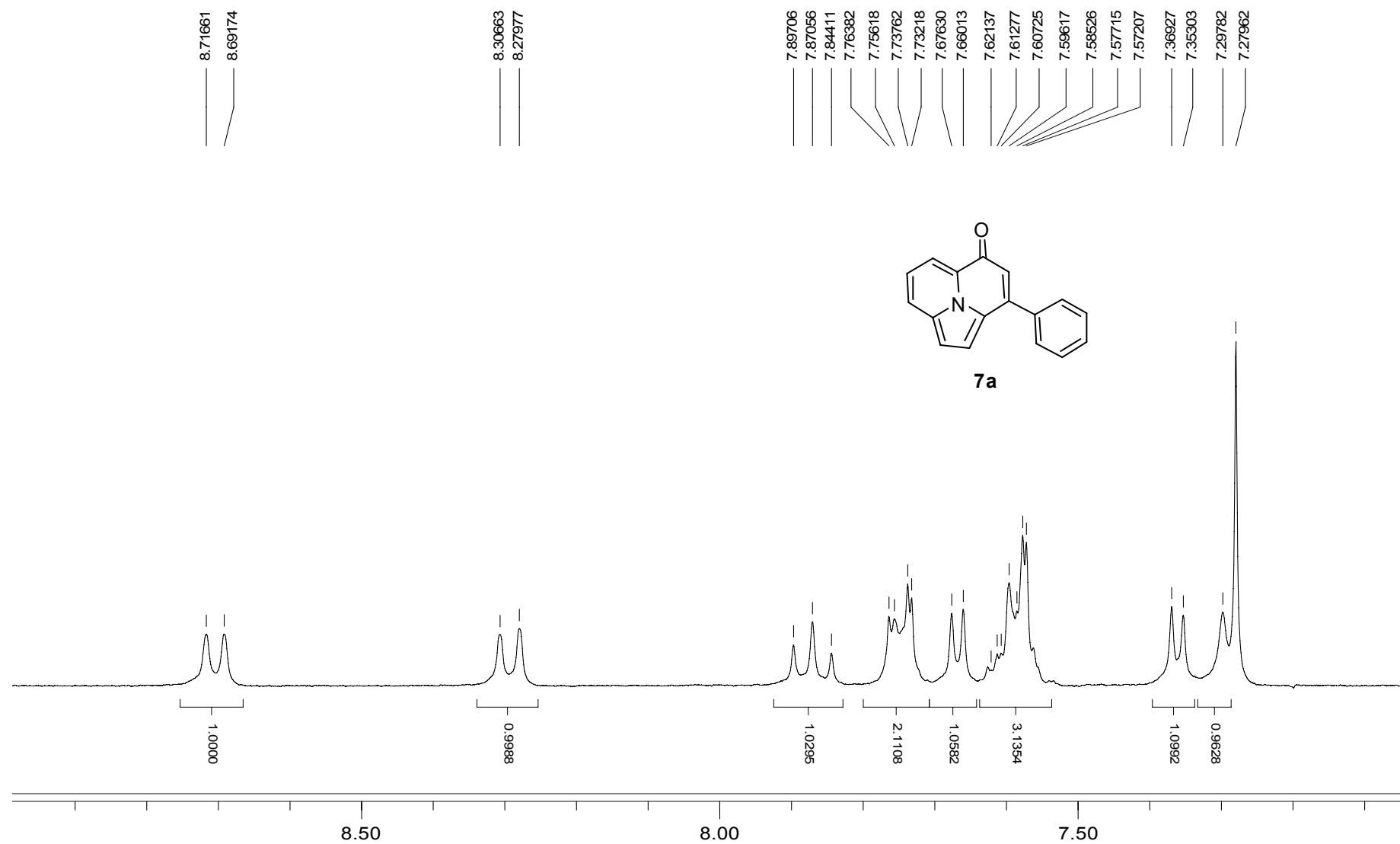




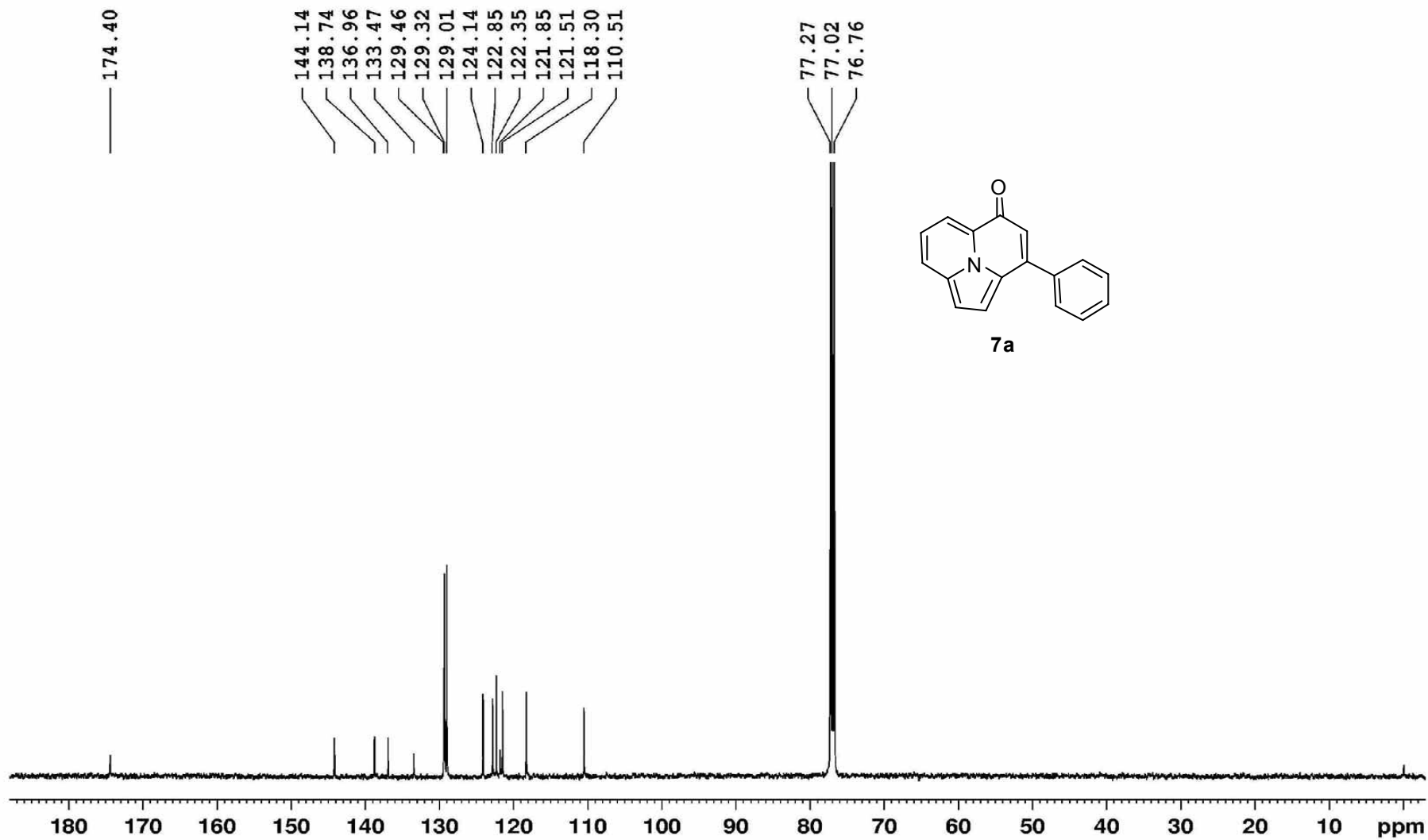


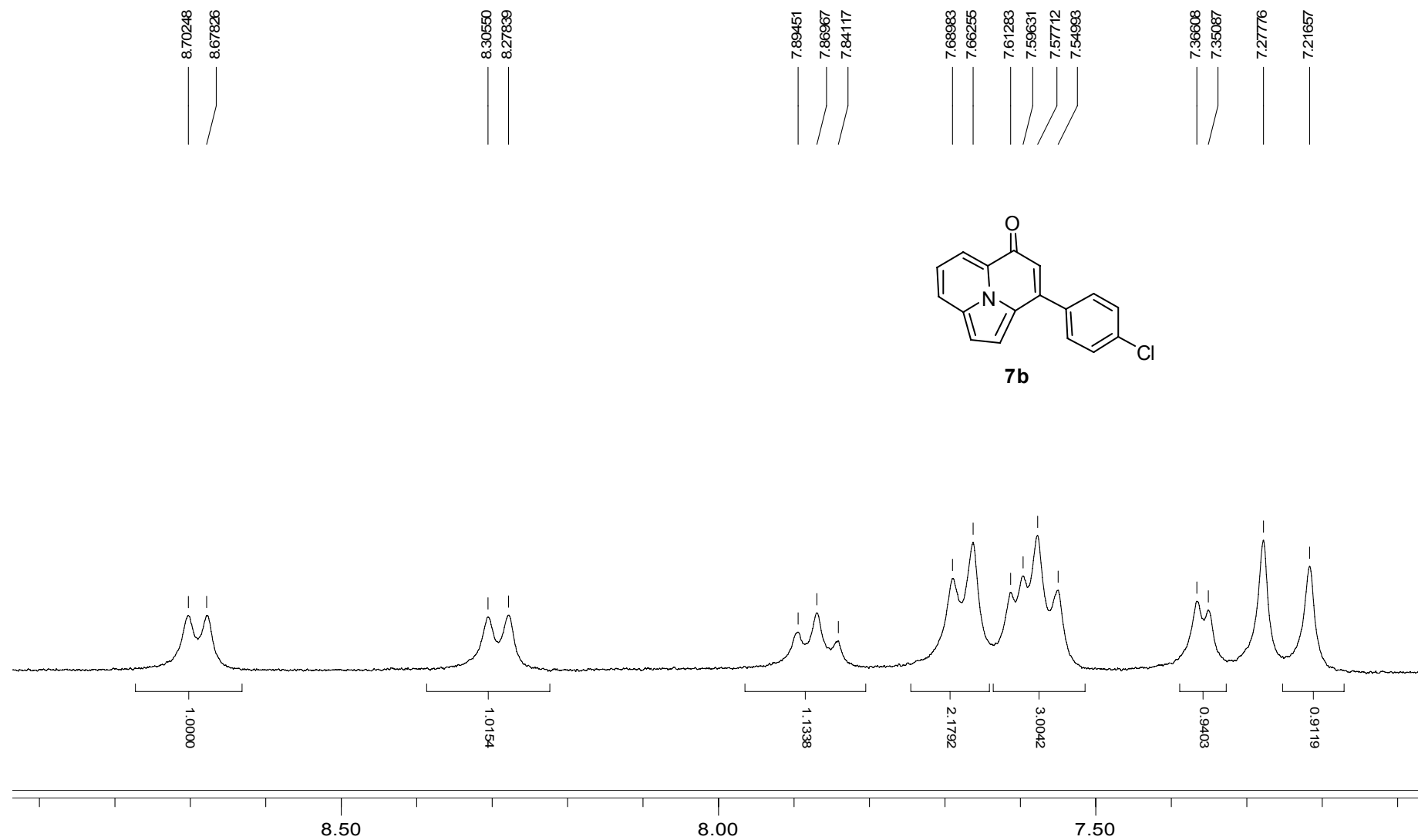
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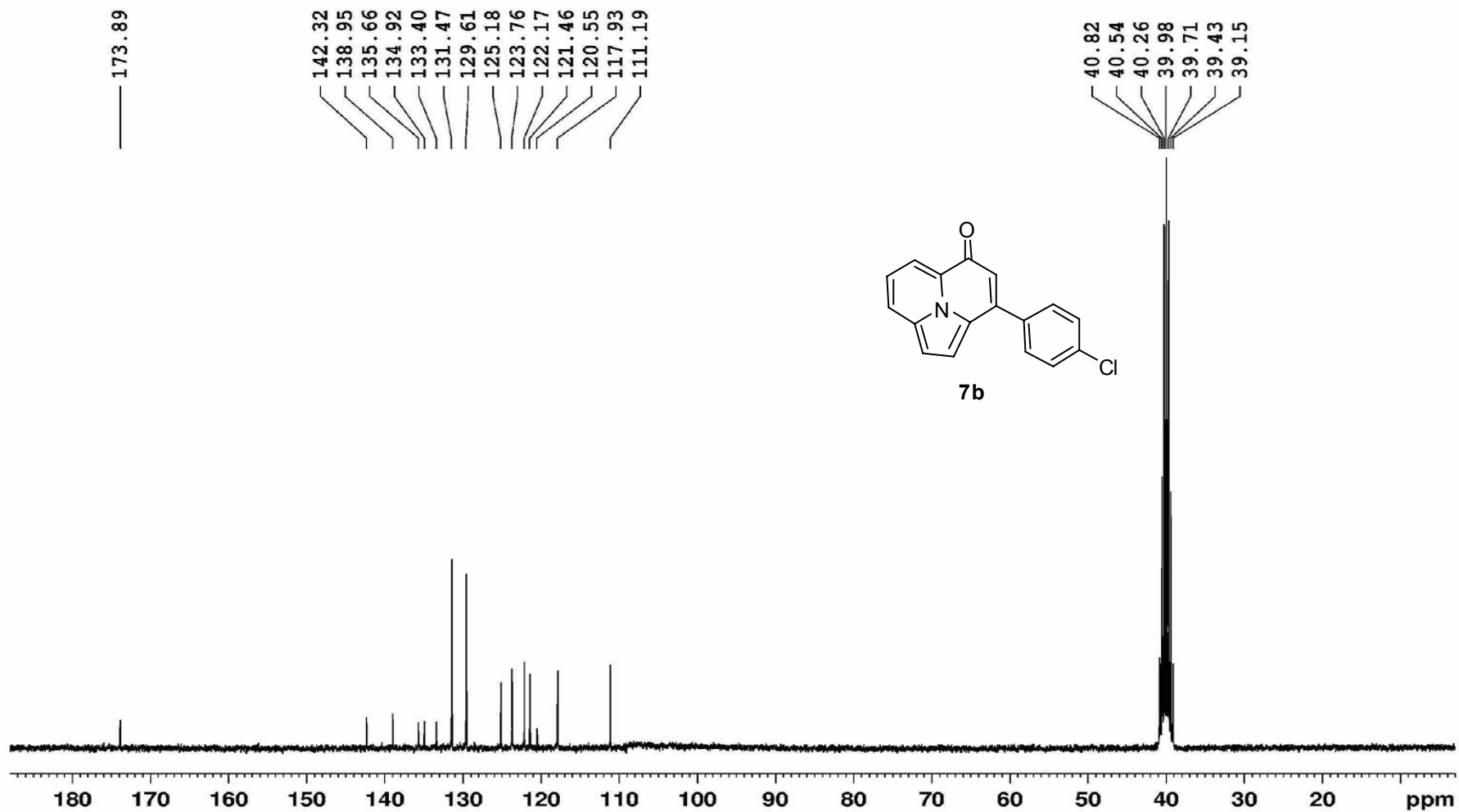


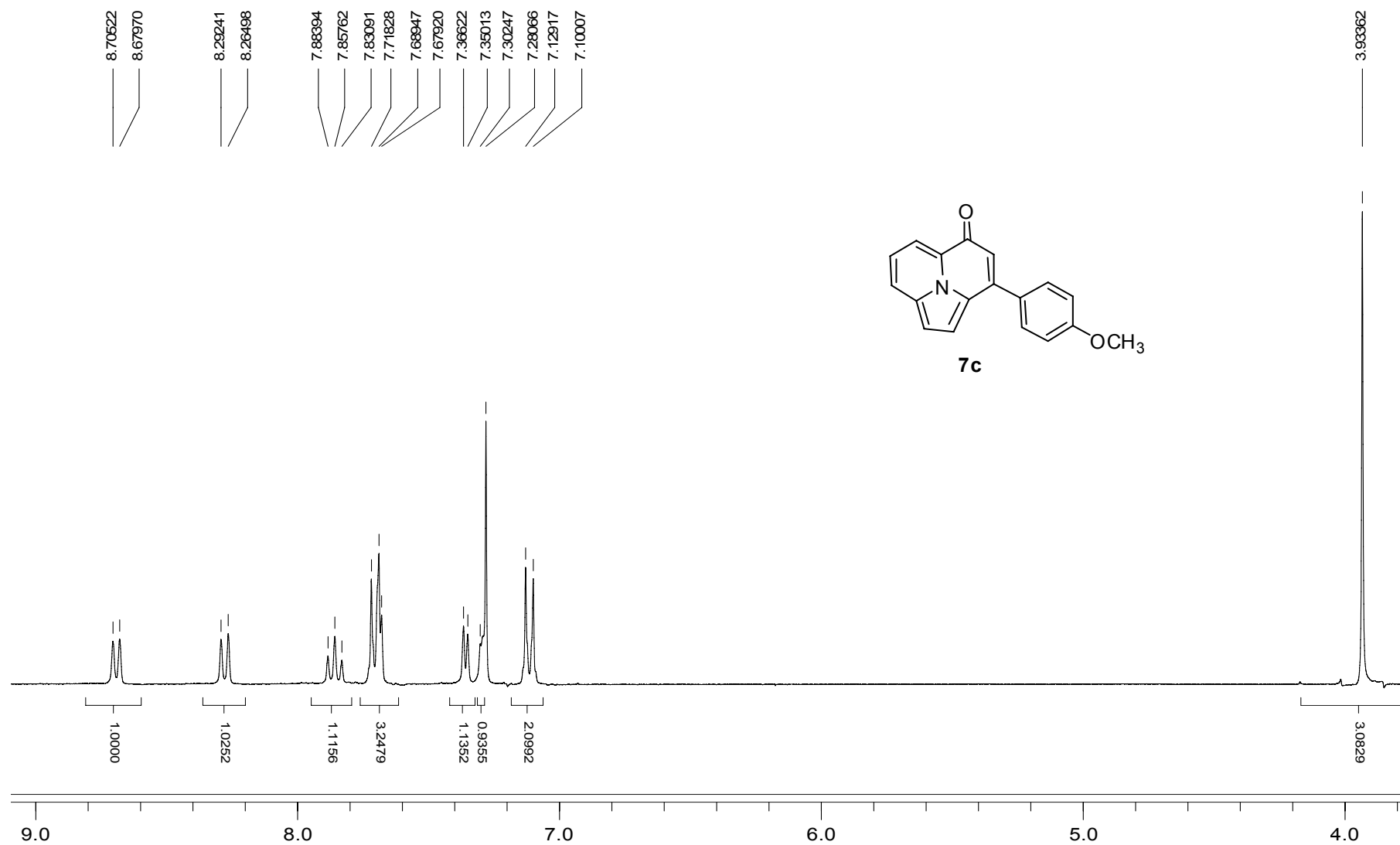
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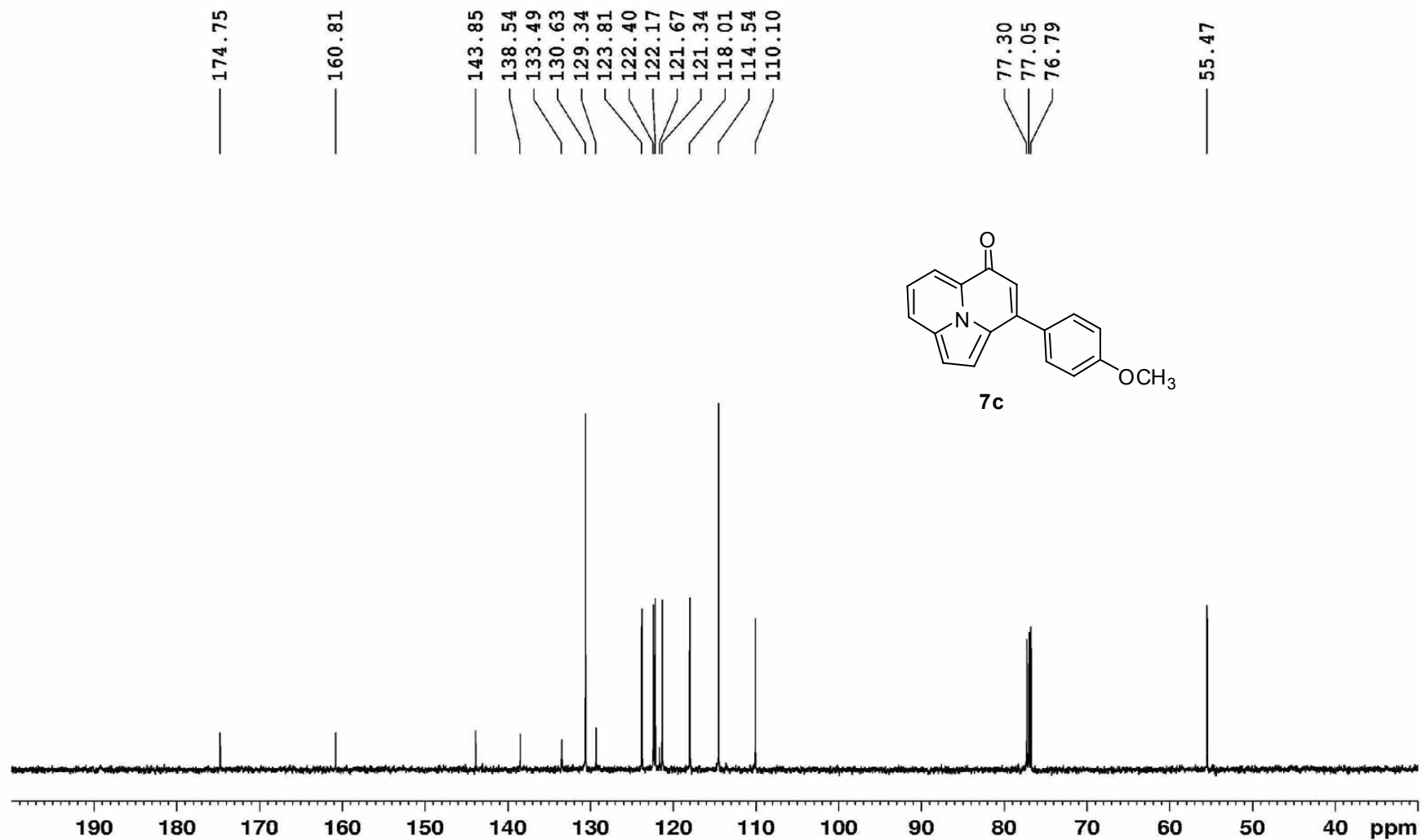


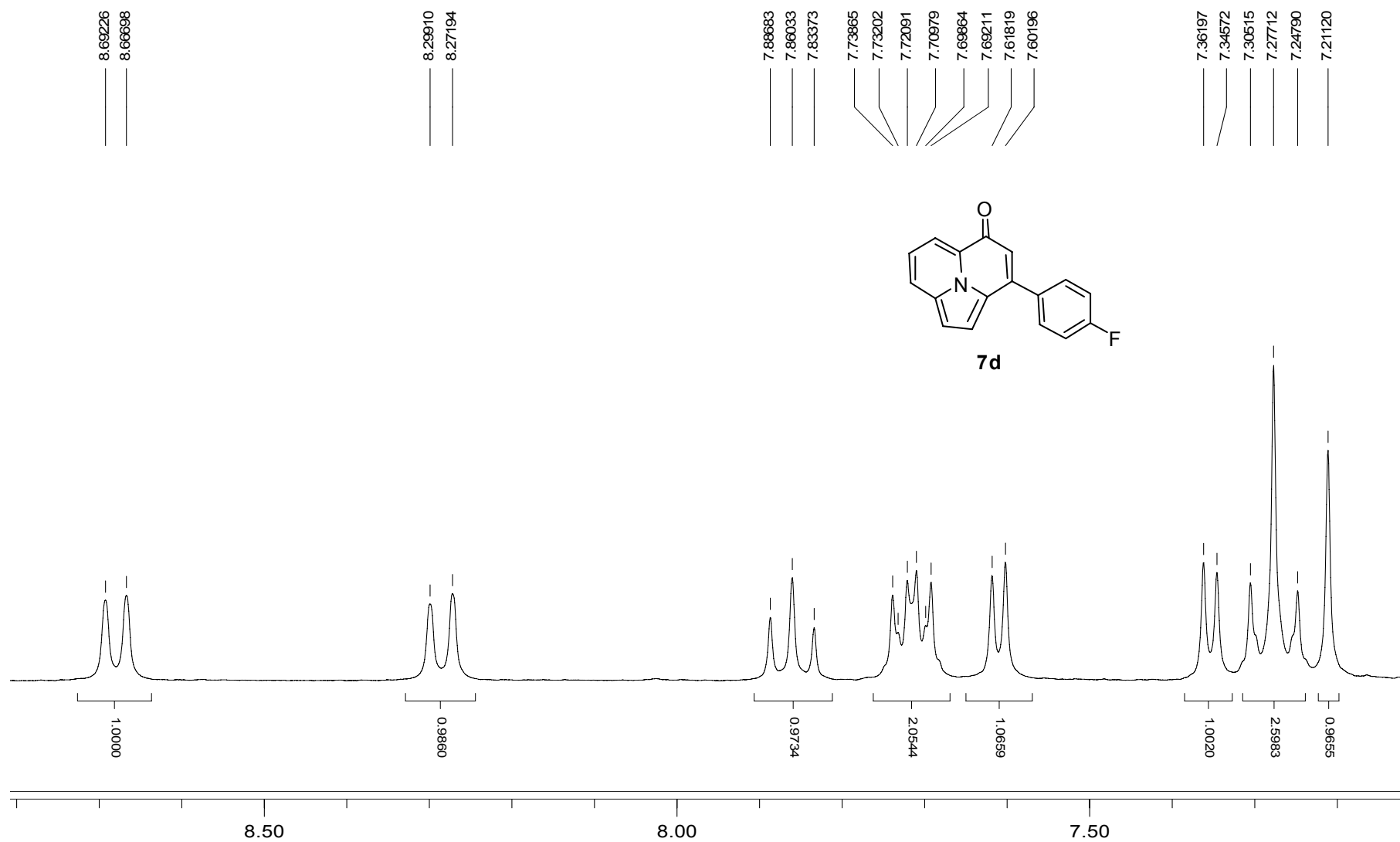
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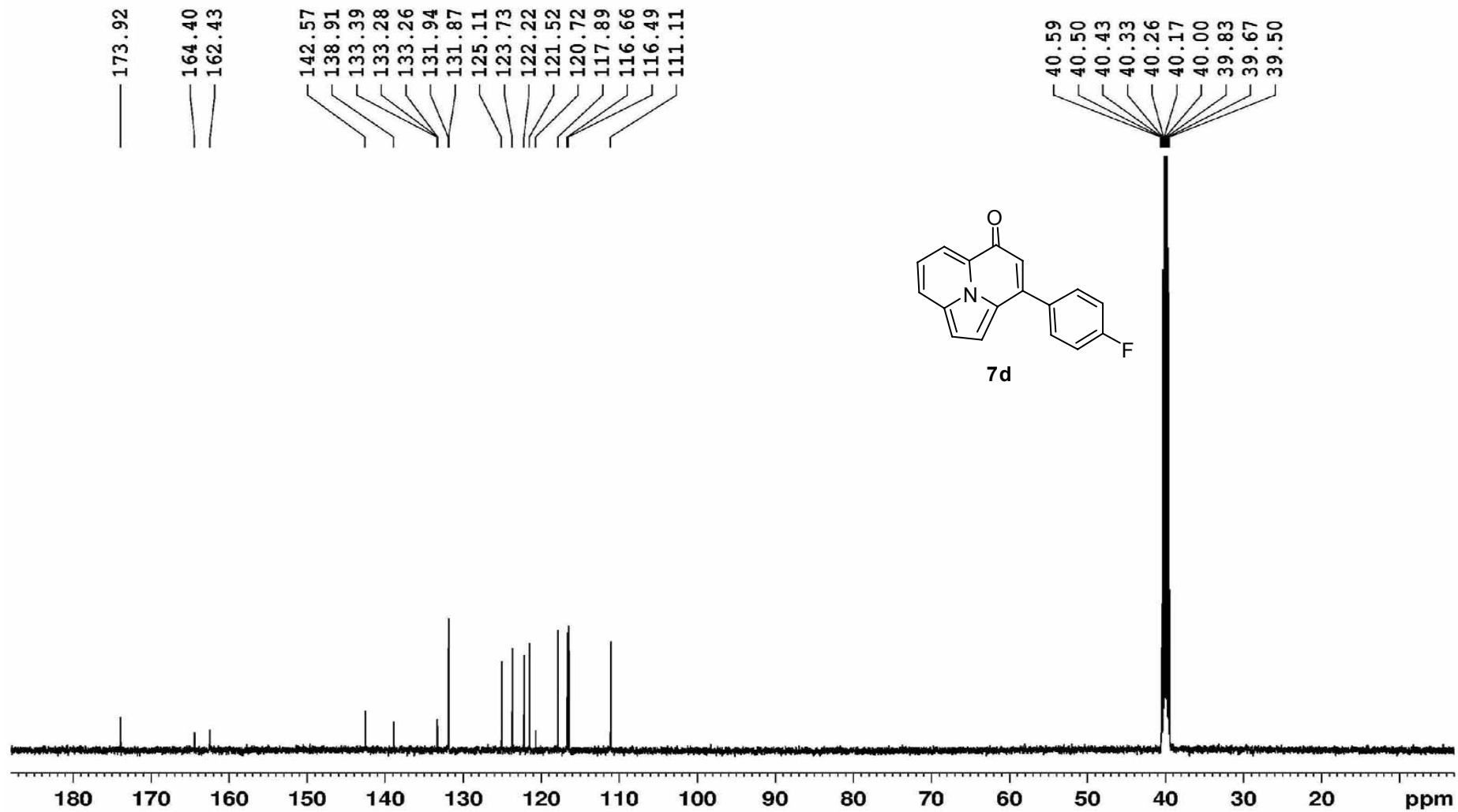


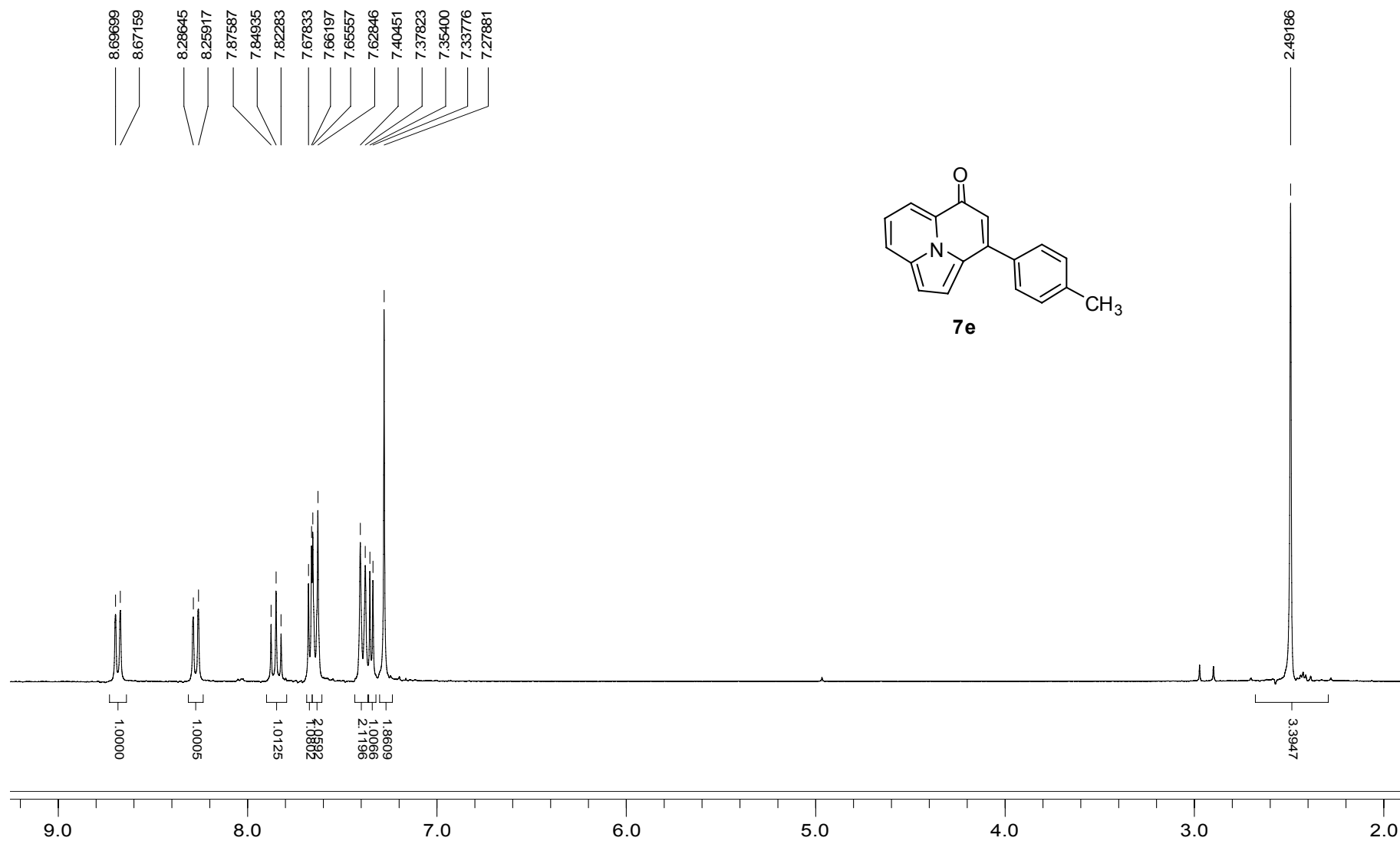
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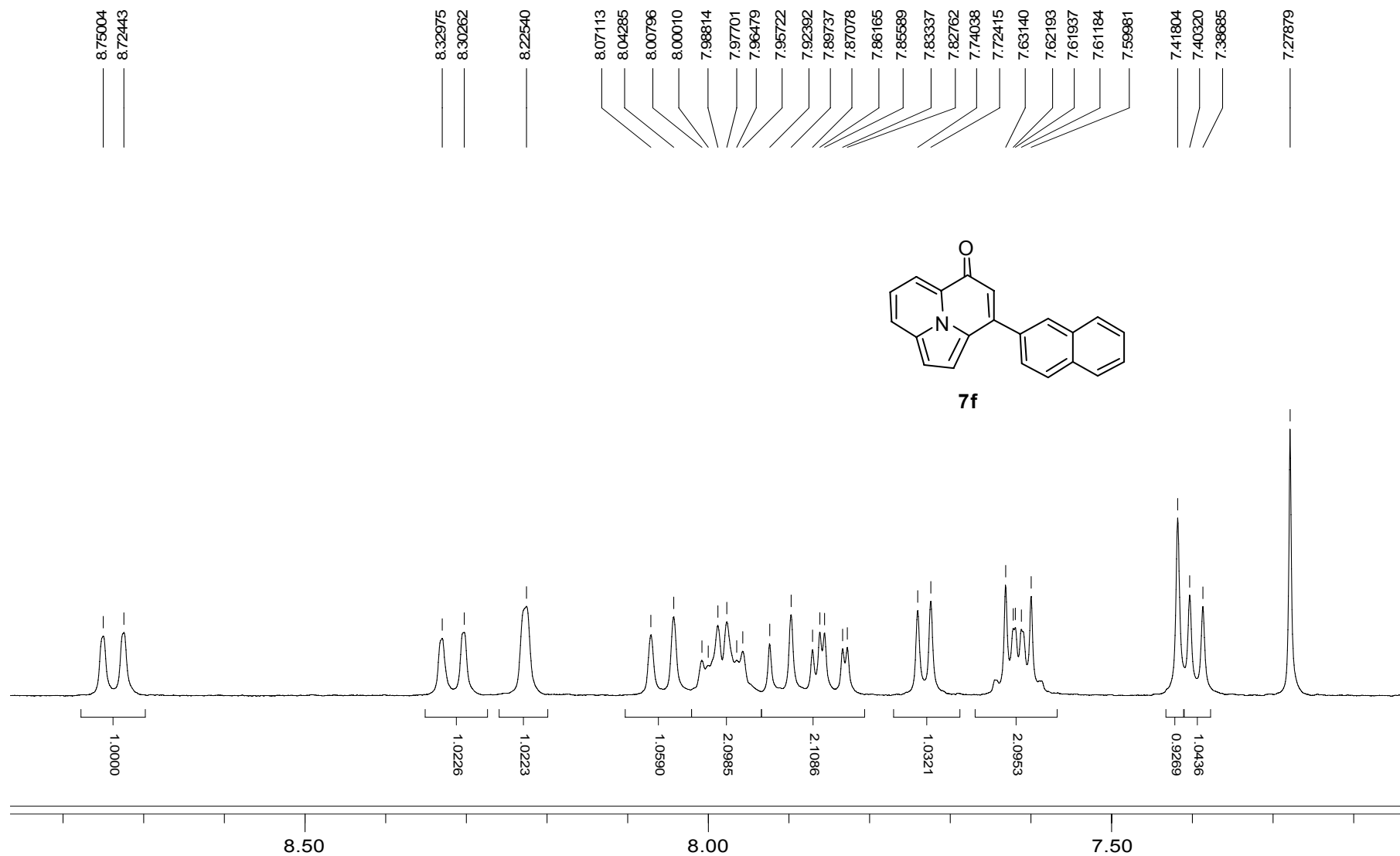




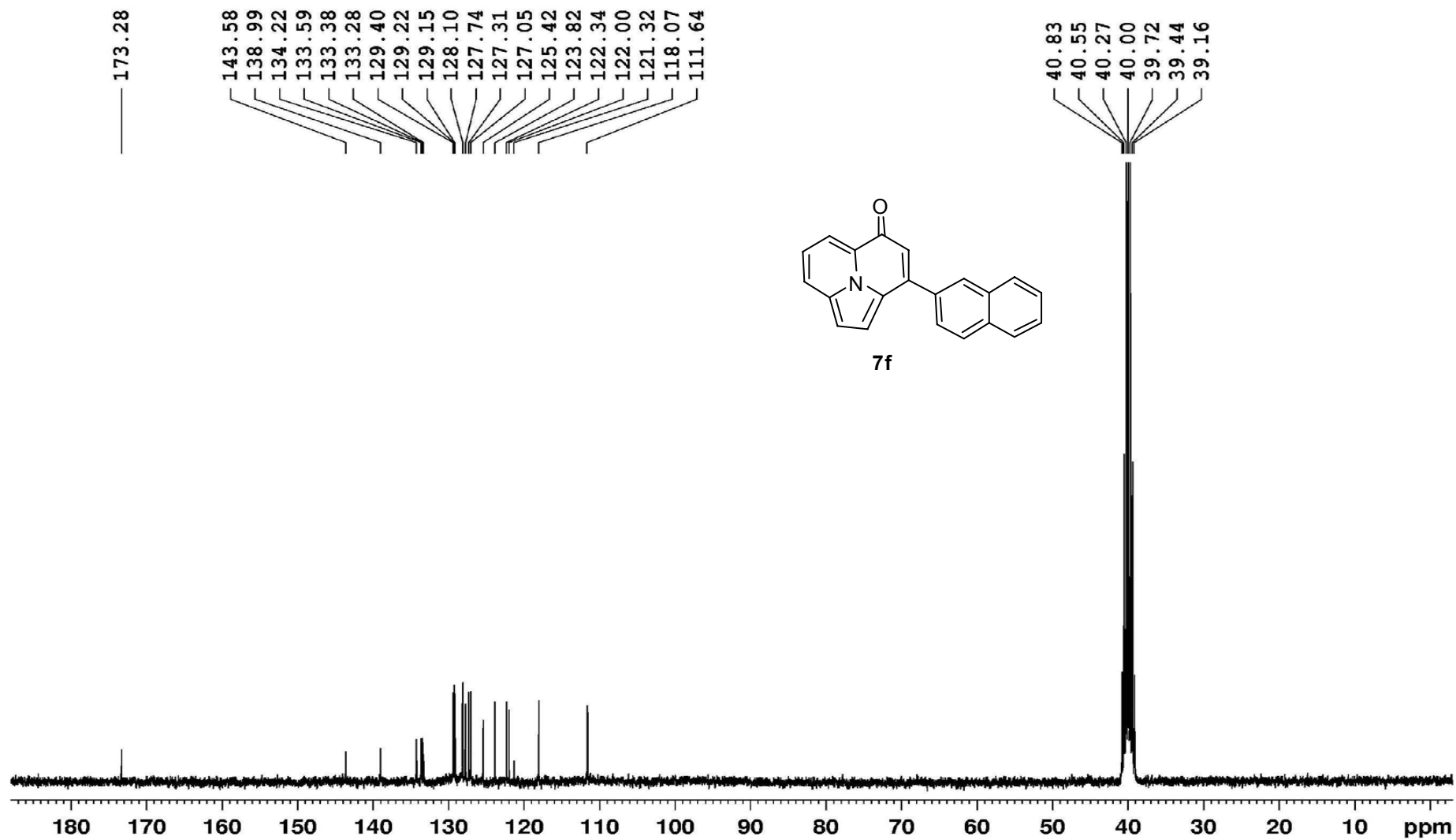
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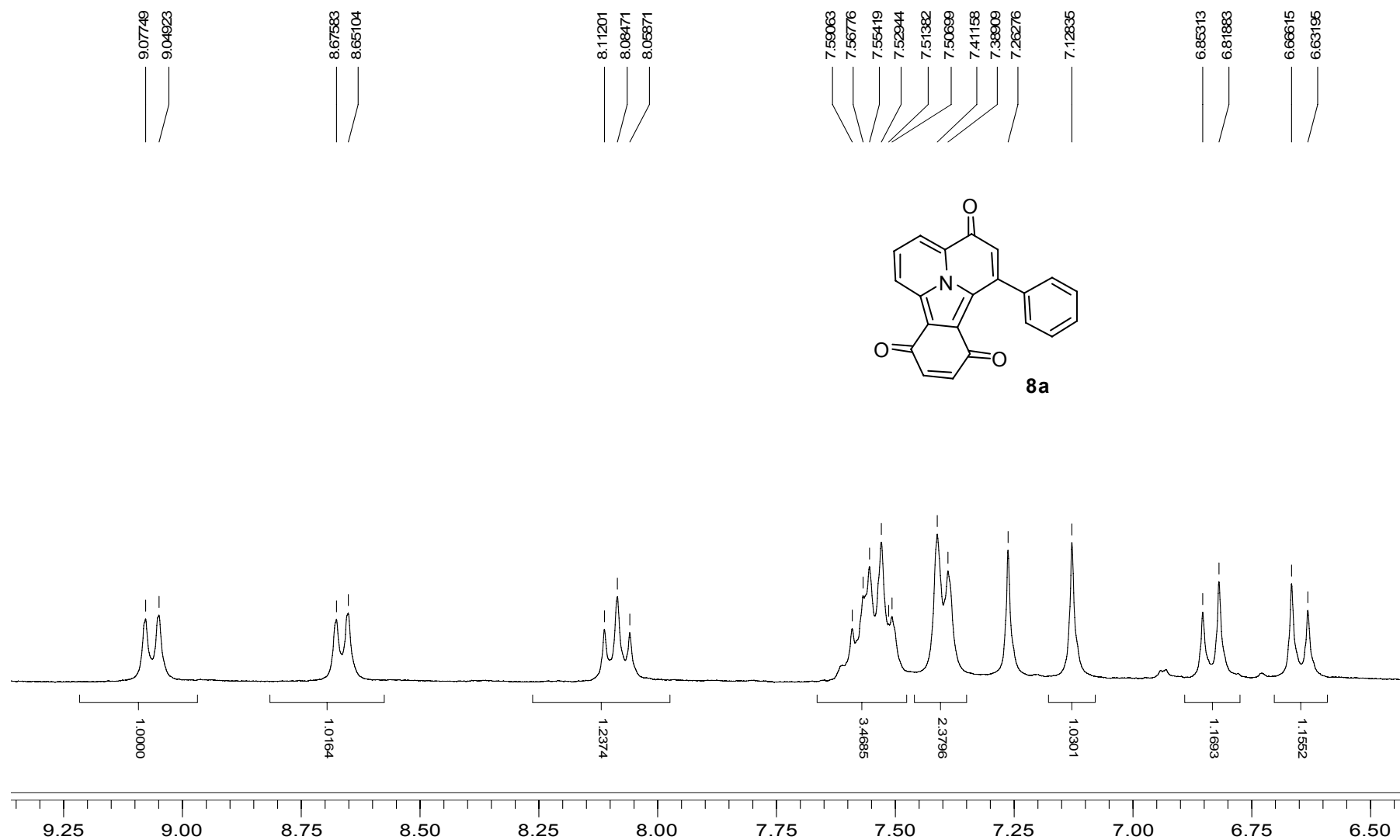


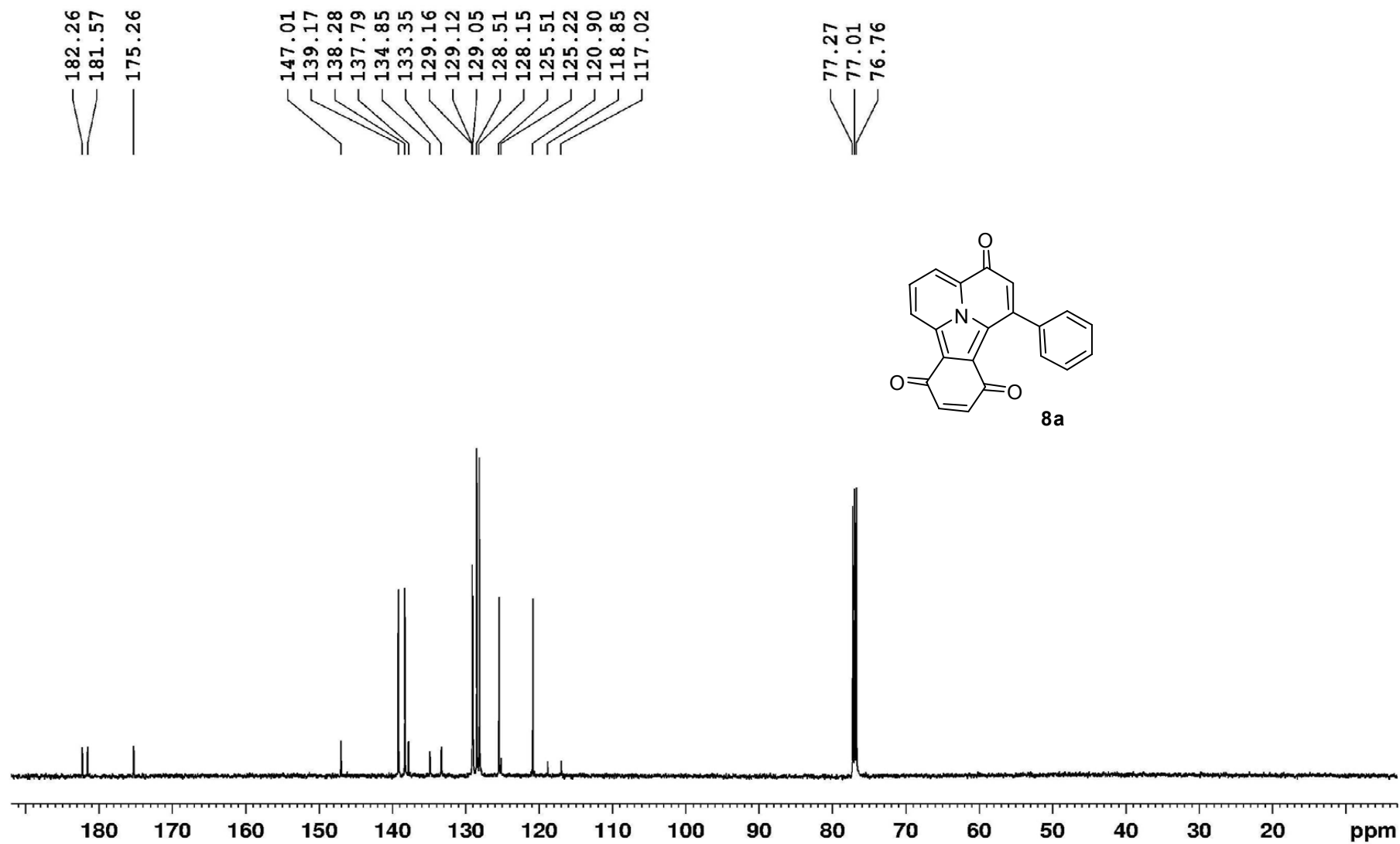


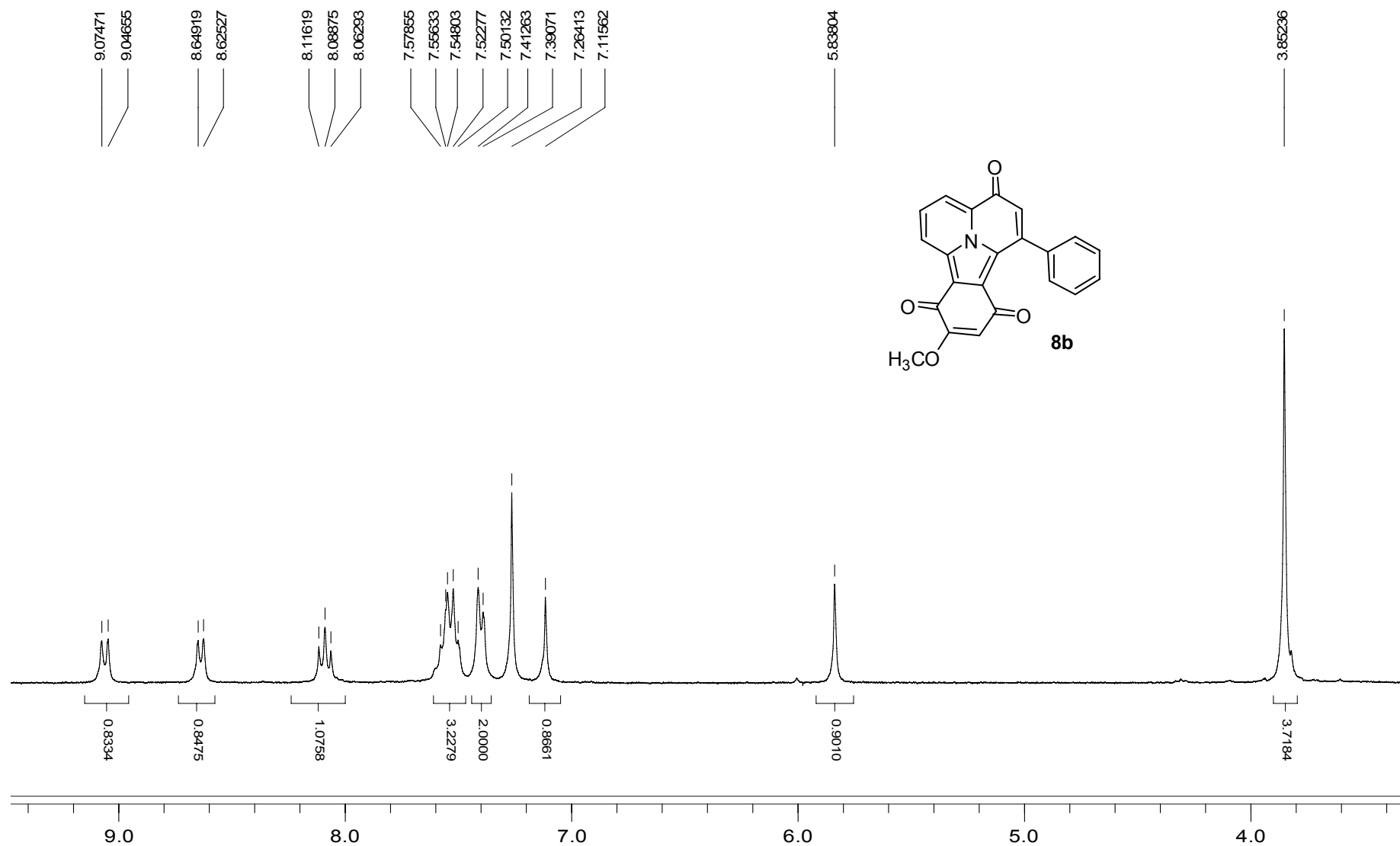


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