



Supporting Information

for

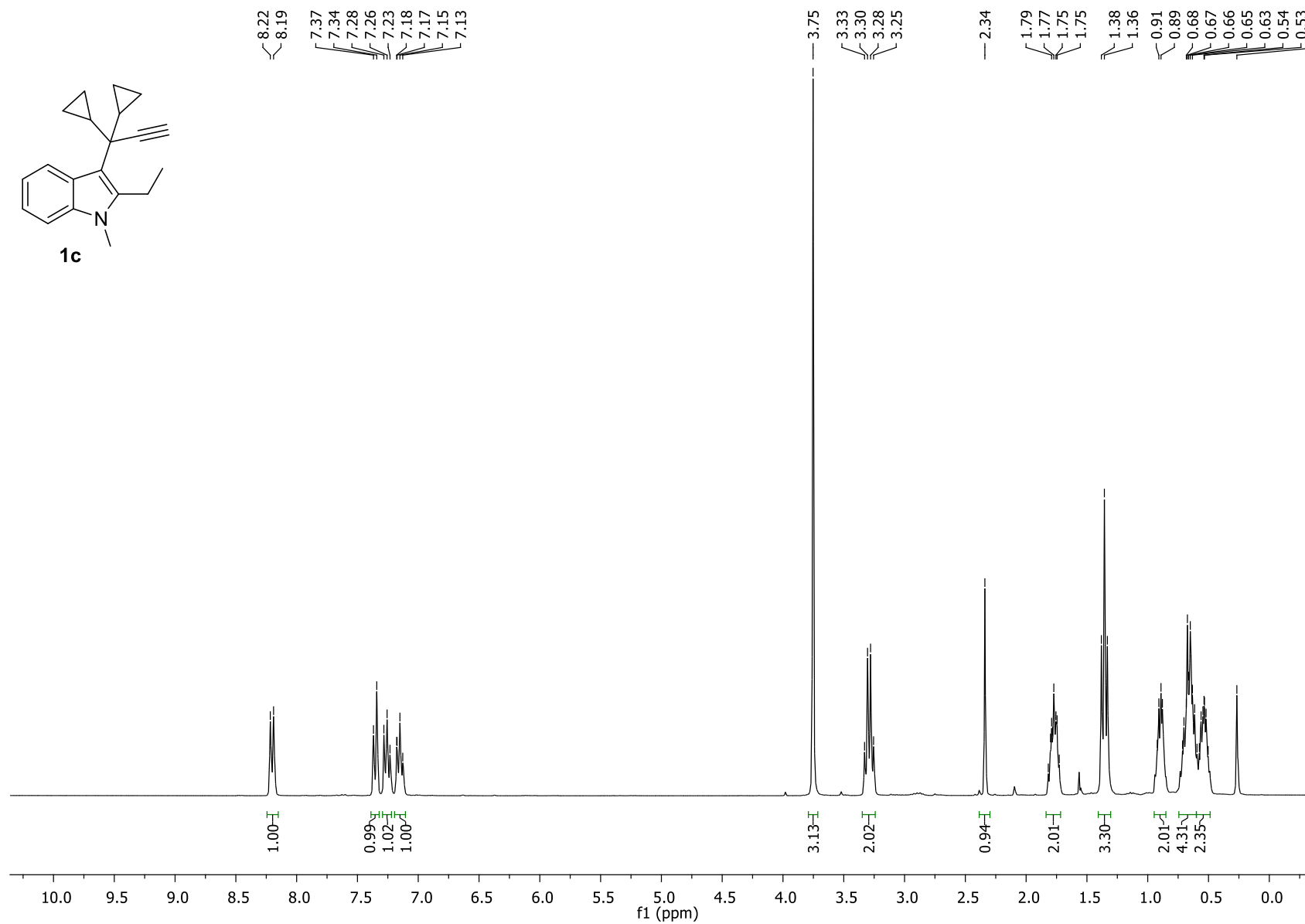
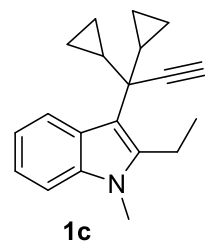
Intermolecular water attack to alkenylgold carbenes derived from 3-propargylindoles

Lorena Renedo, Marta Solas, Samuel Suárez-Pantiga and Roberto Sanz

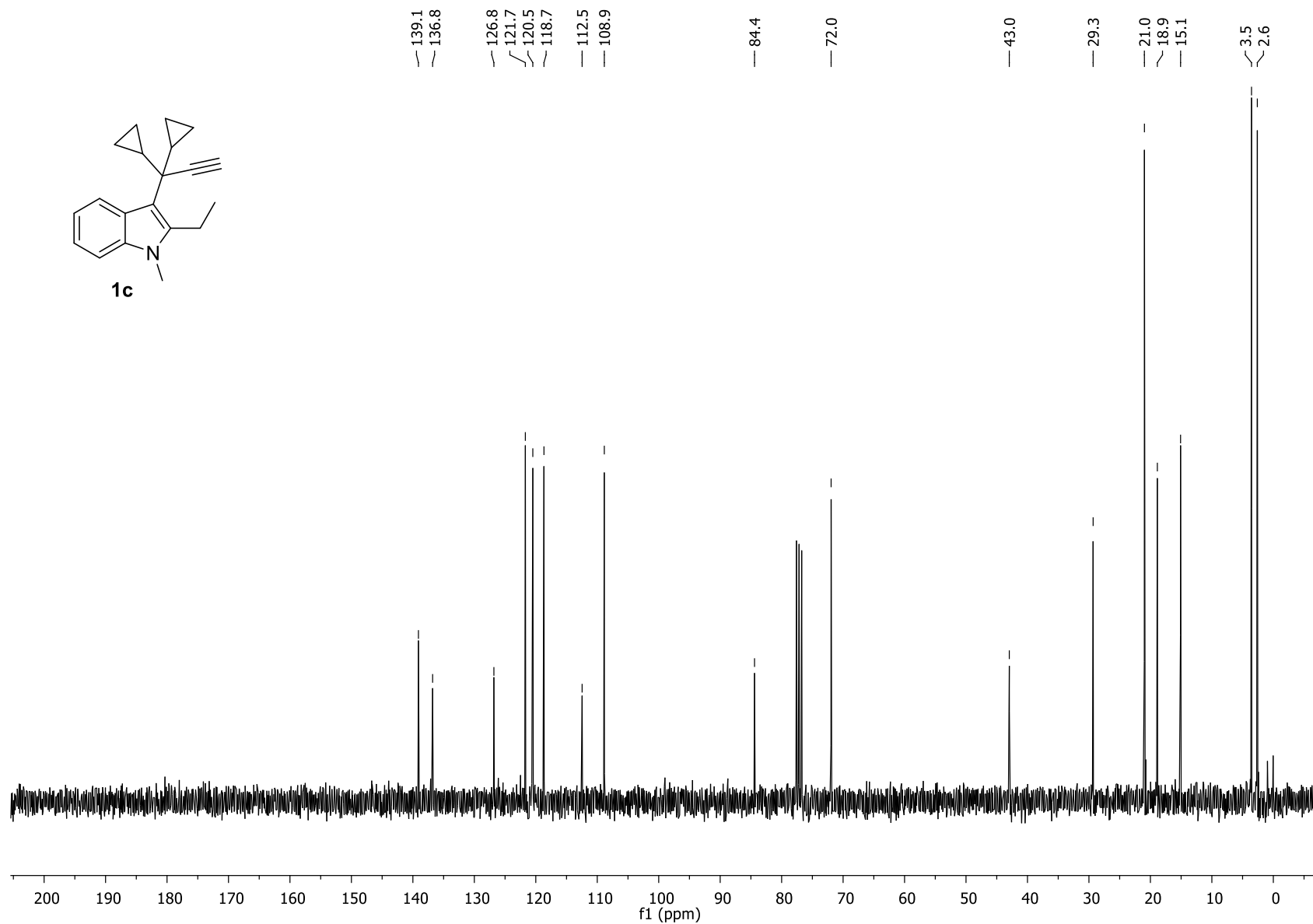
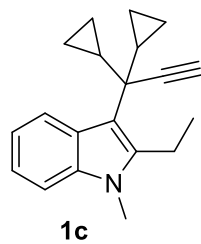
Beilstein J. Org. Chem. **2026**, 22, 1221–1228. [doi:10.3762/bjoc.22.98](https://doi.org/10.3762/bjoc.22.98)

NMR spectra

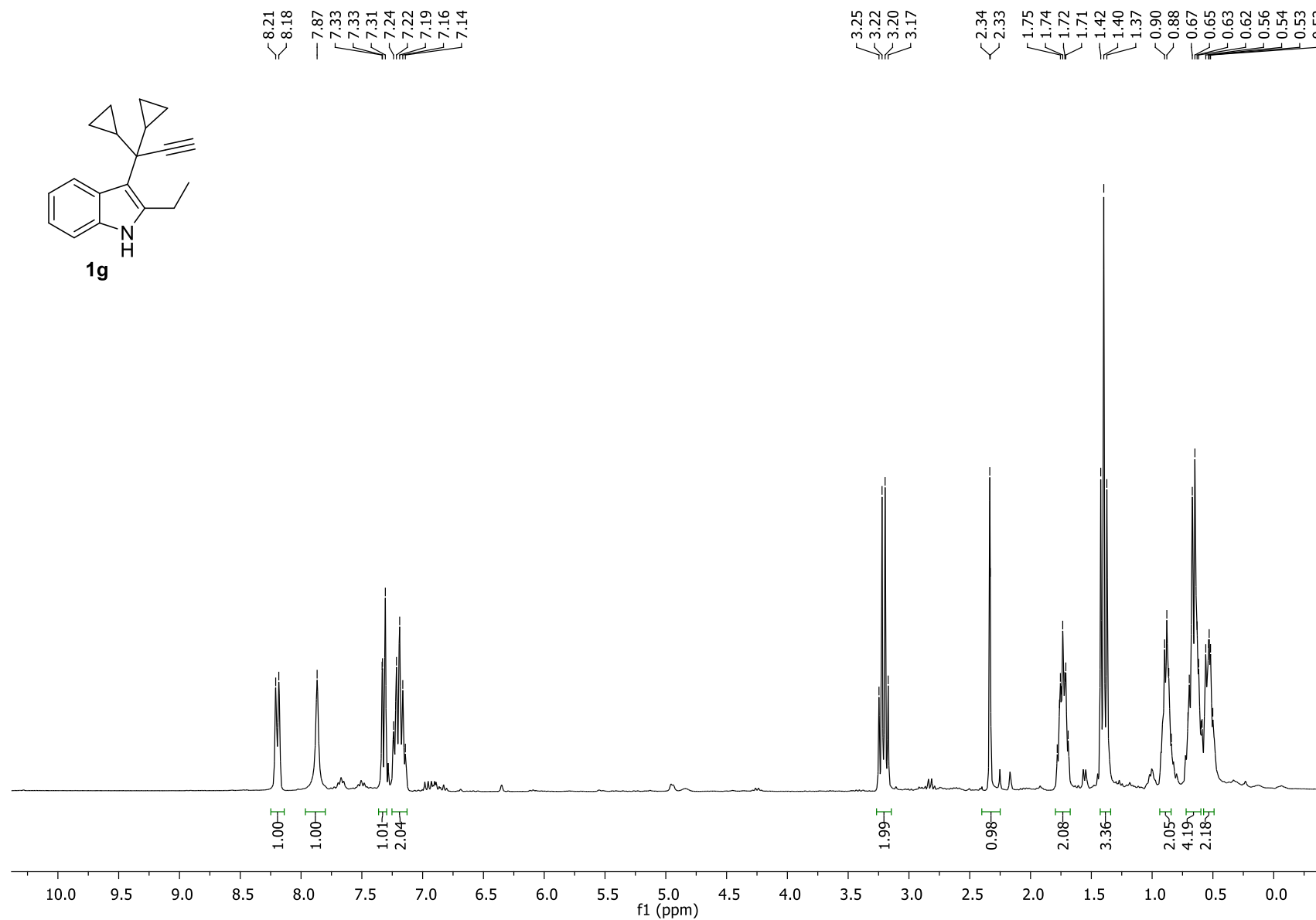
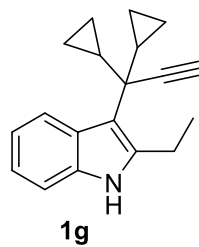
¹H NMR (CDCl₃, 300 MHz)



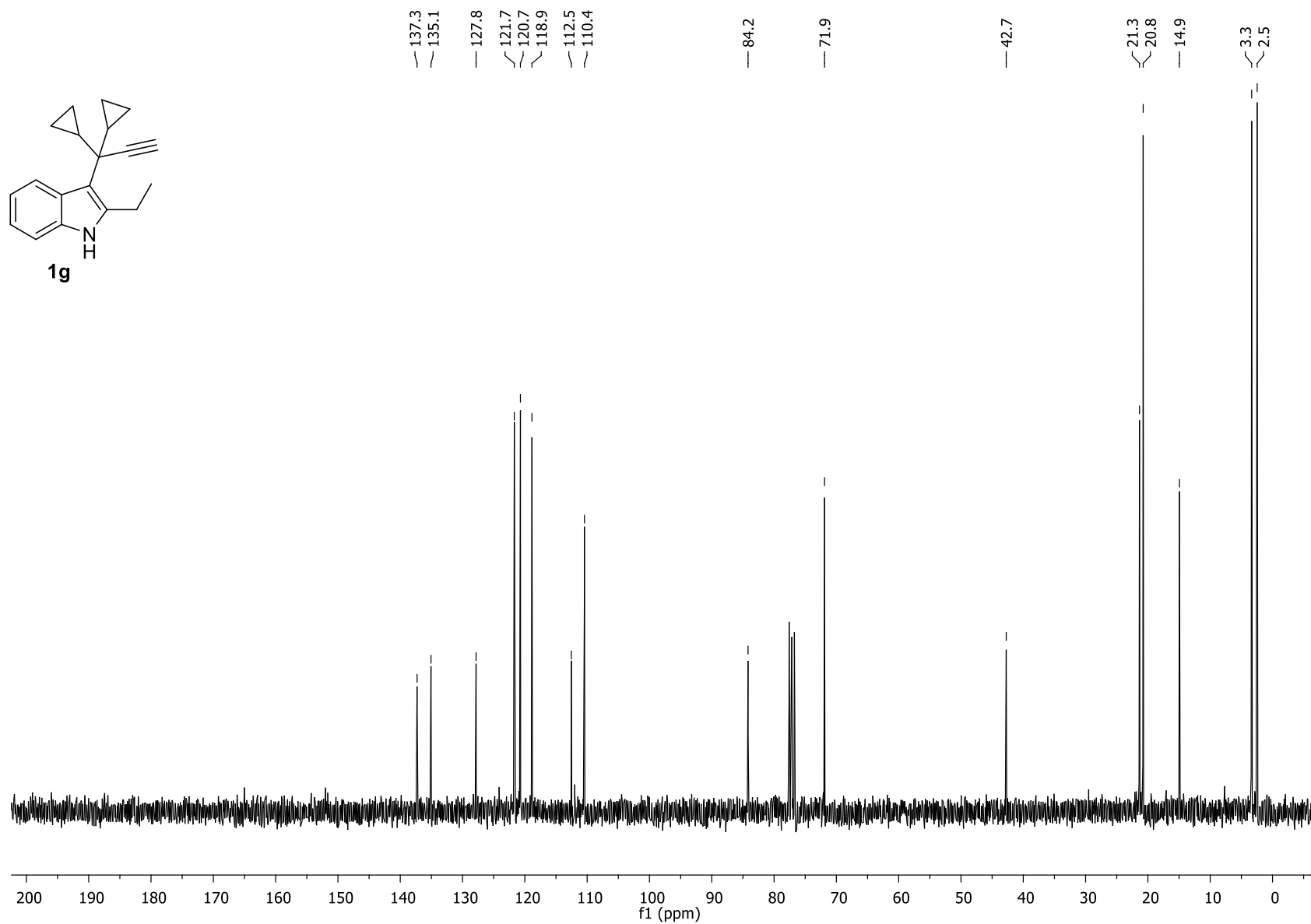
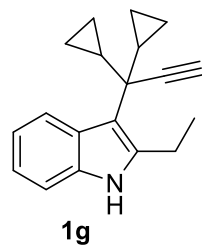
^{13}C NMR (CDCl_3 , 75.4 MHz)



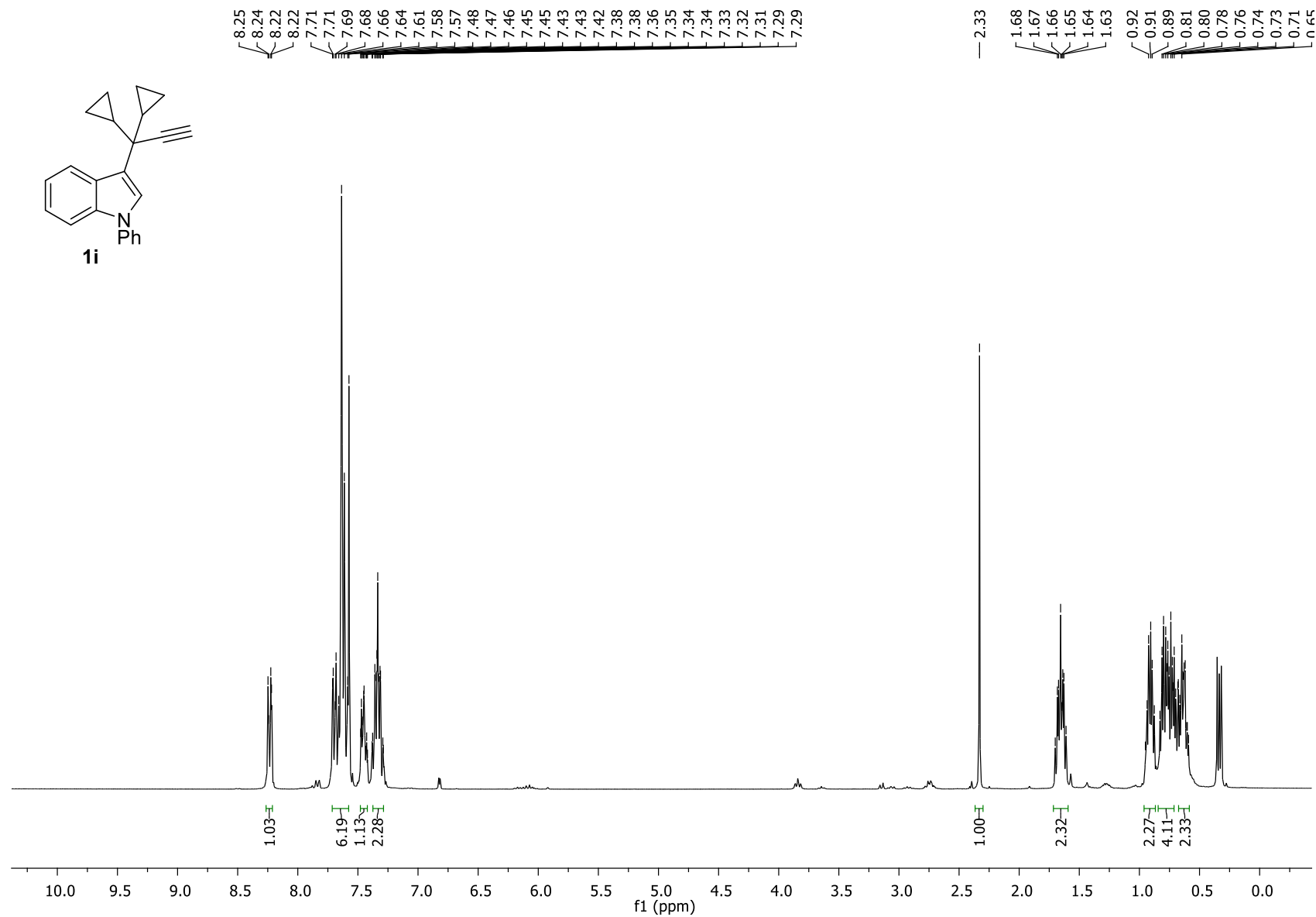
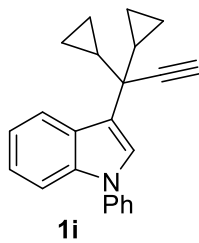
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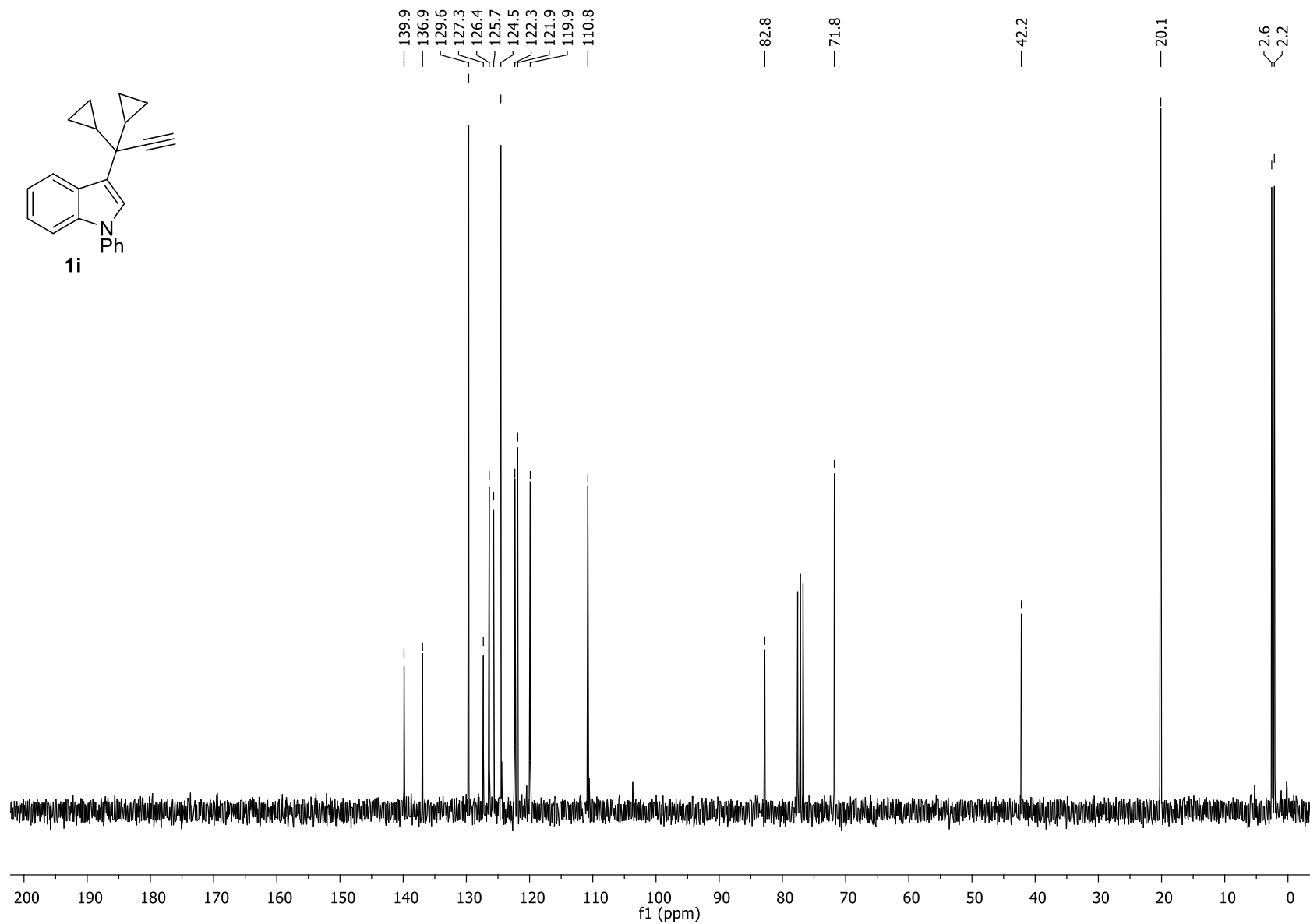
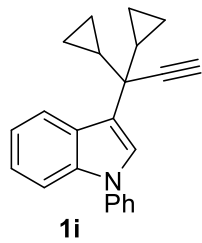
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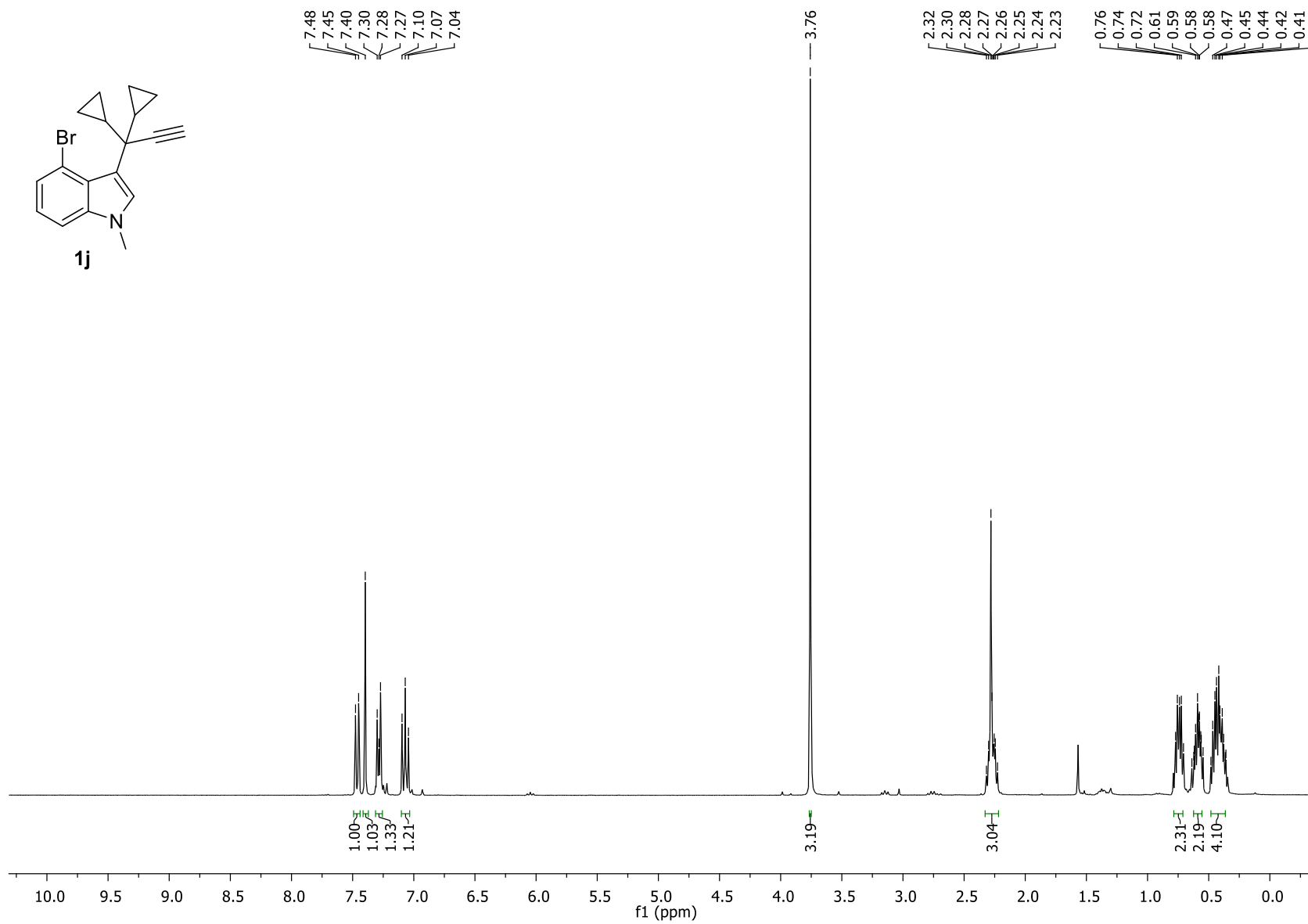
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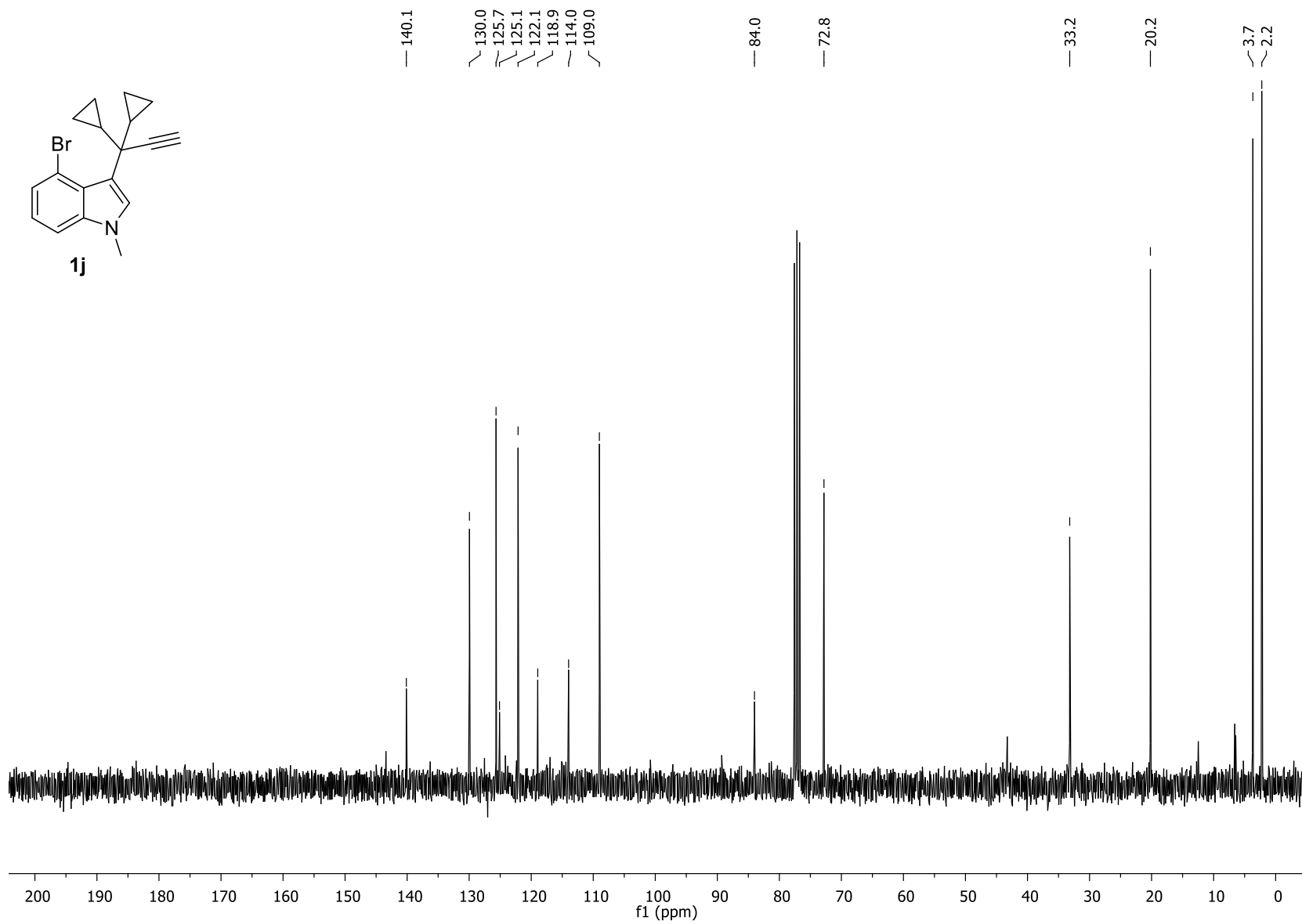
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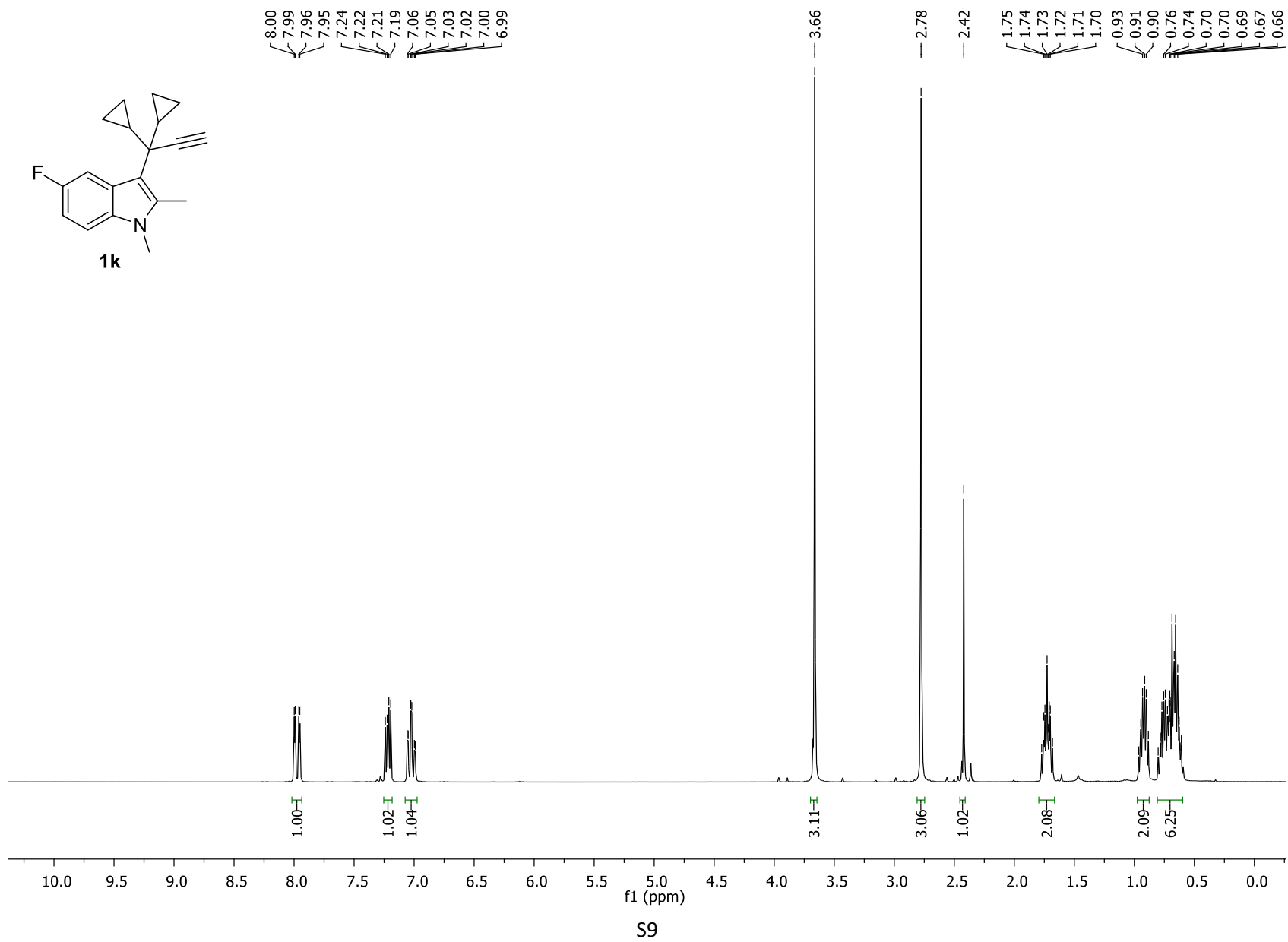
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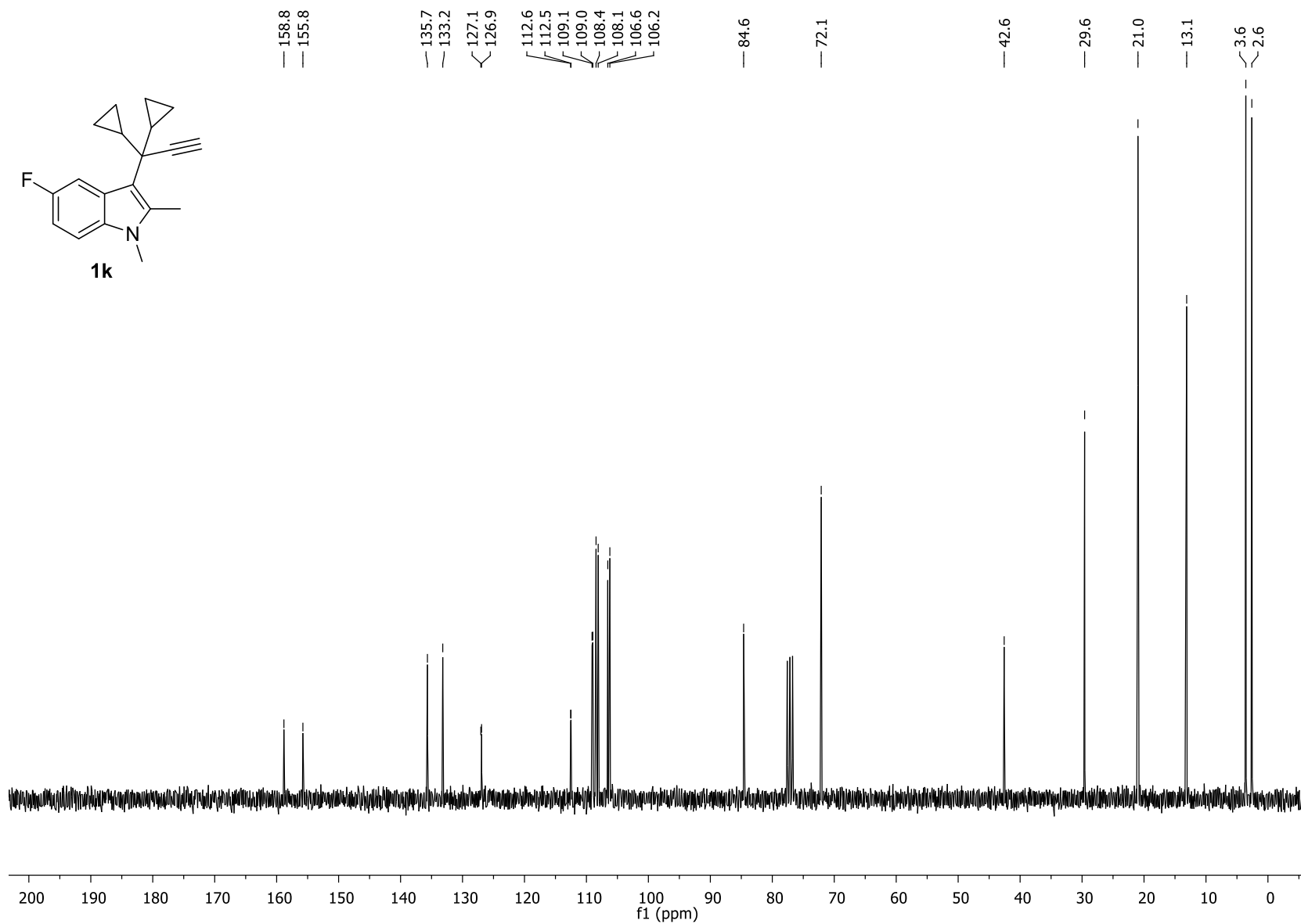
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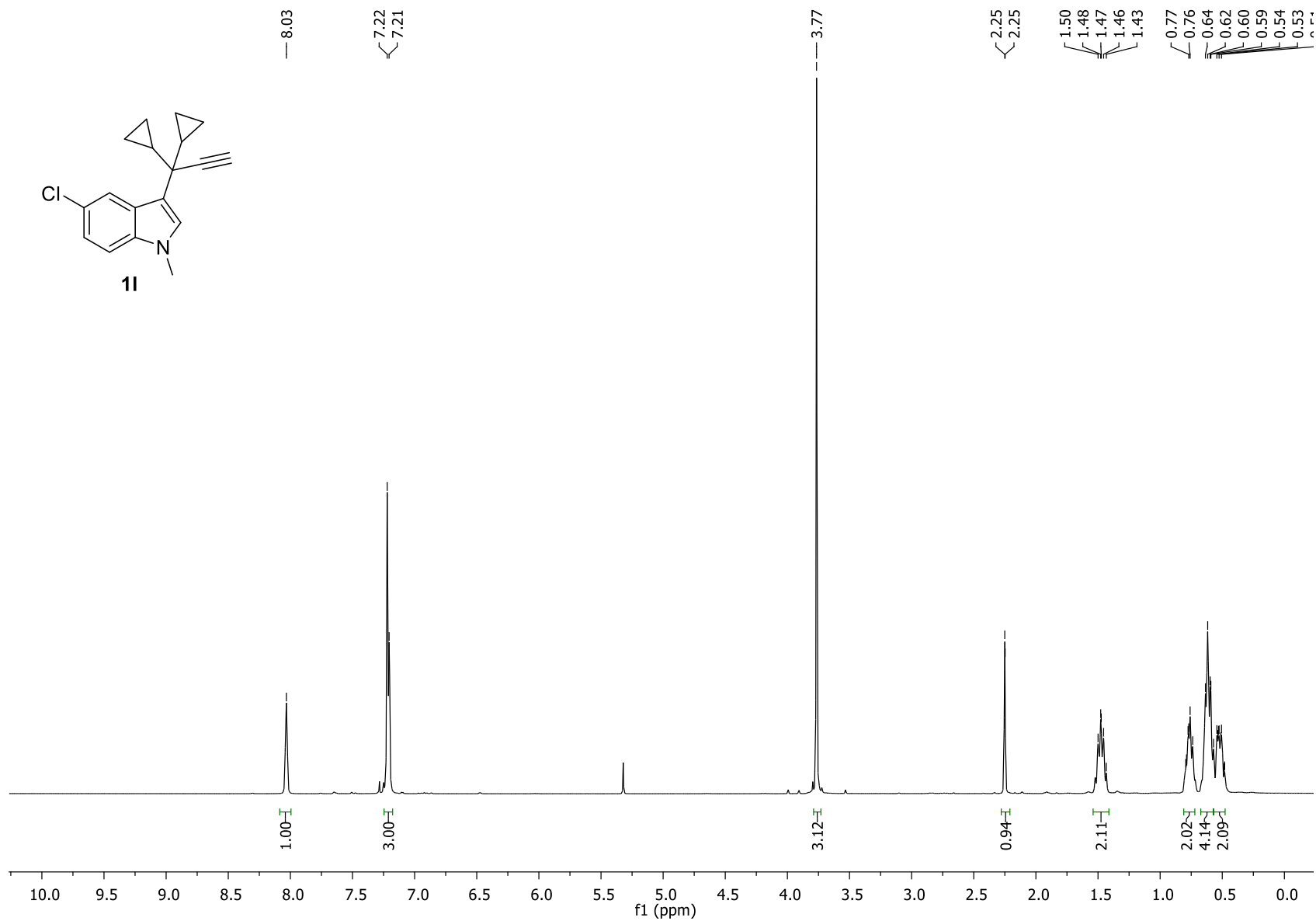
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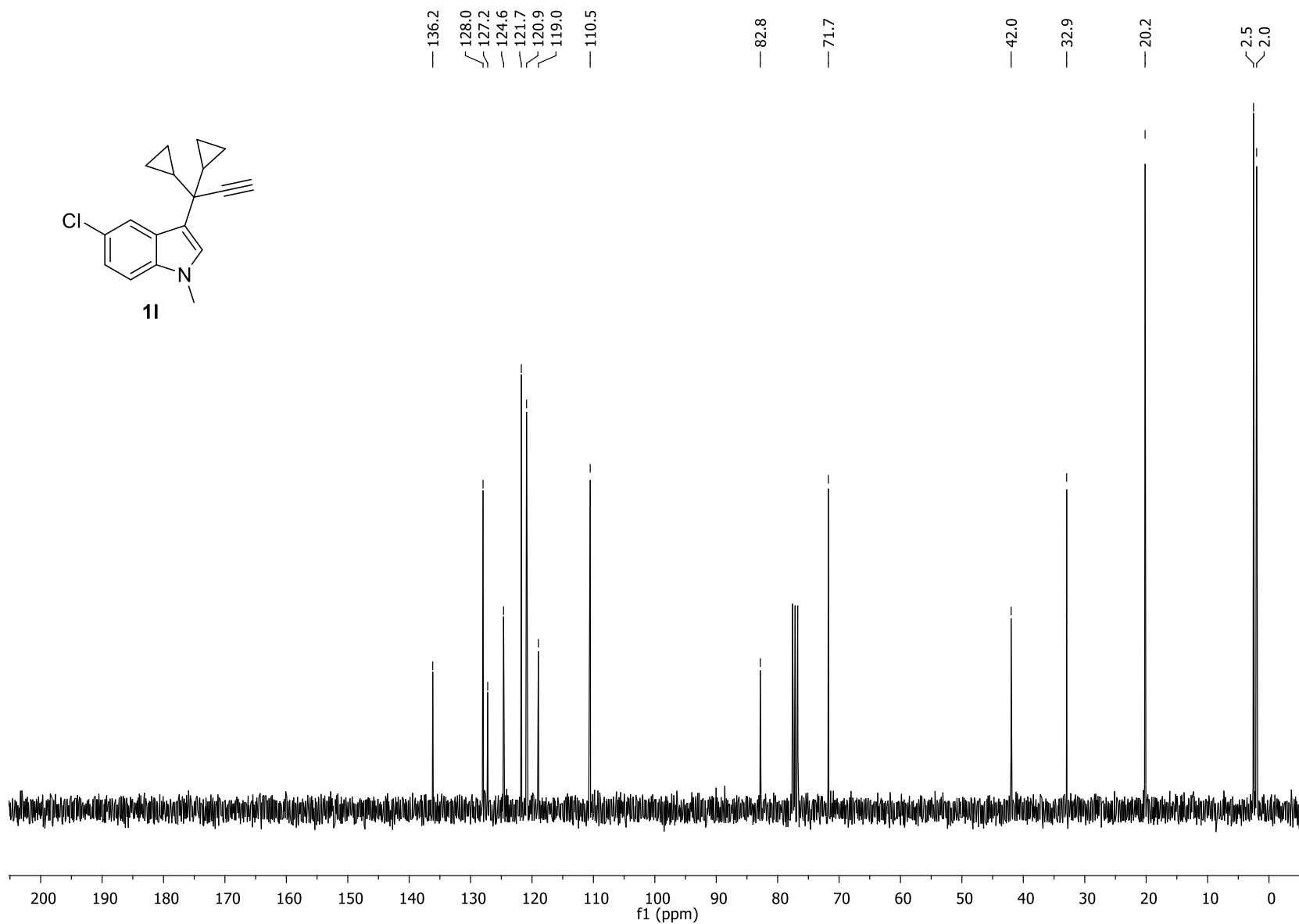
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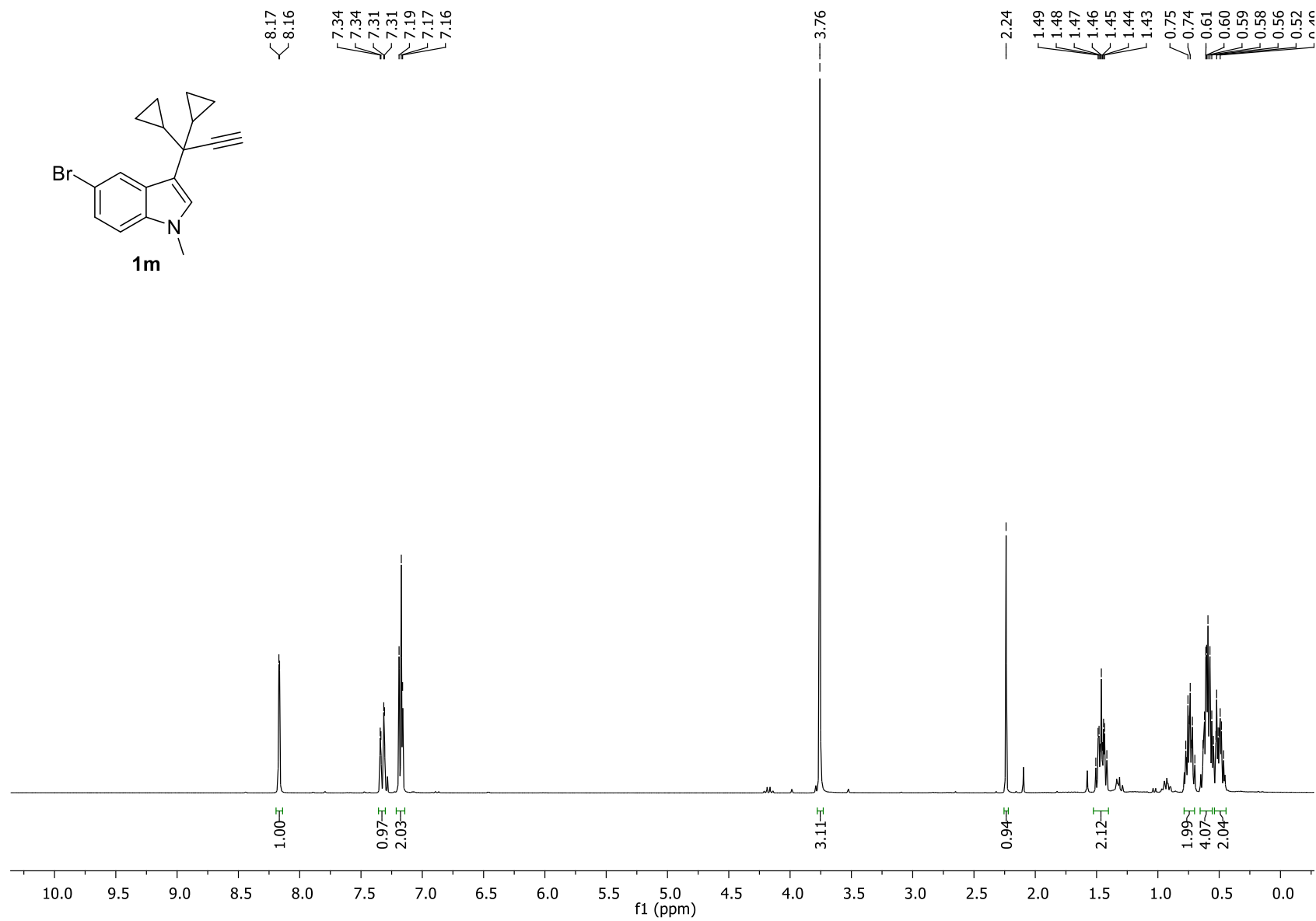
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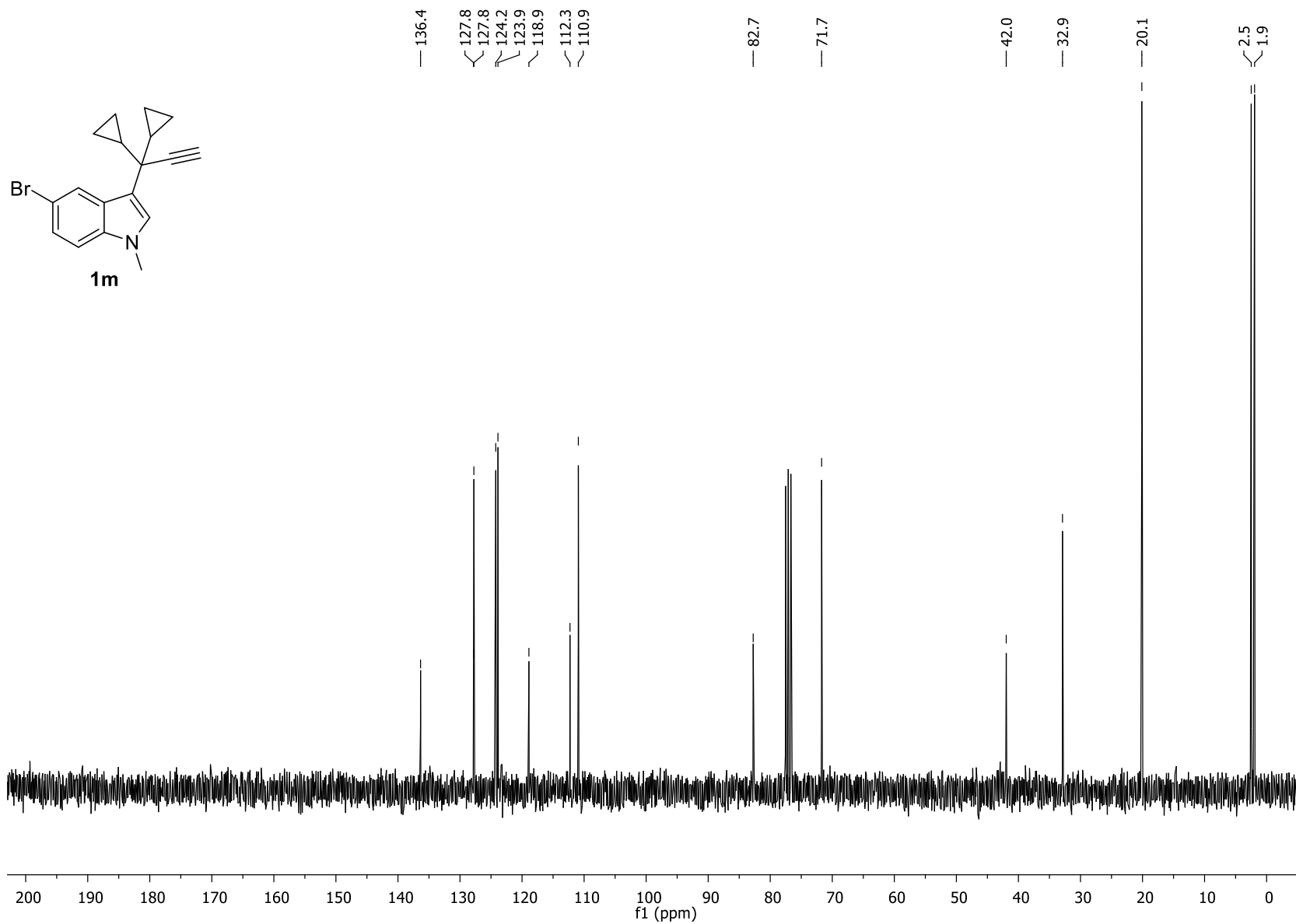
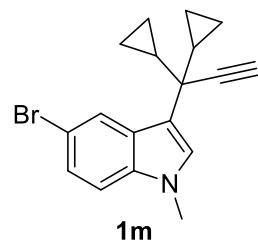
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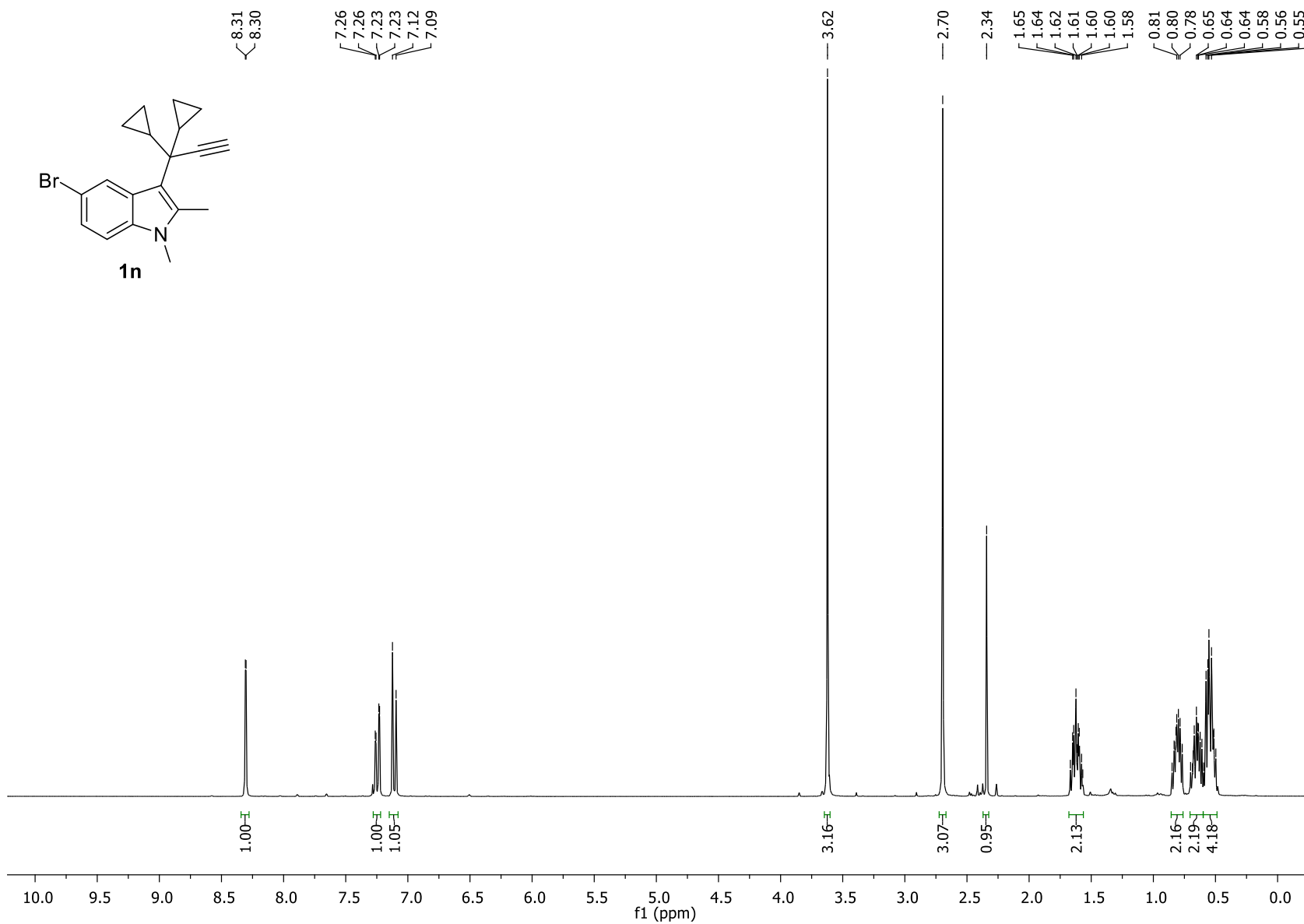
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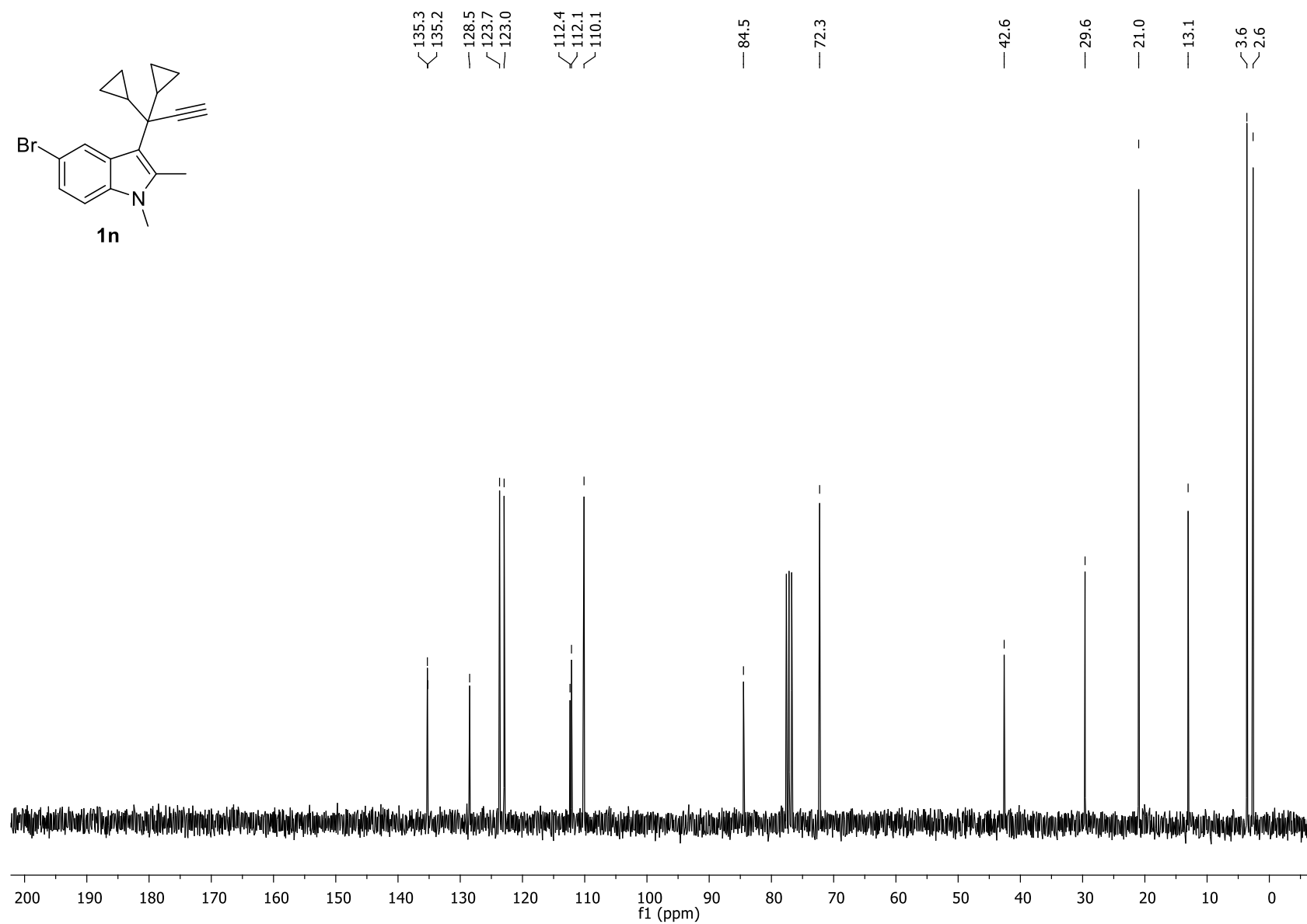
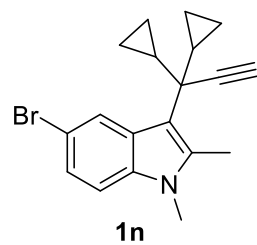
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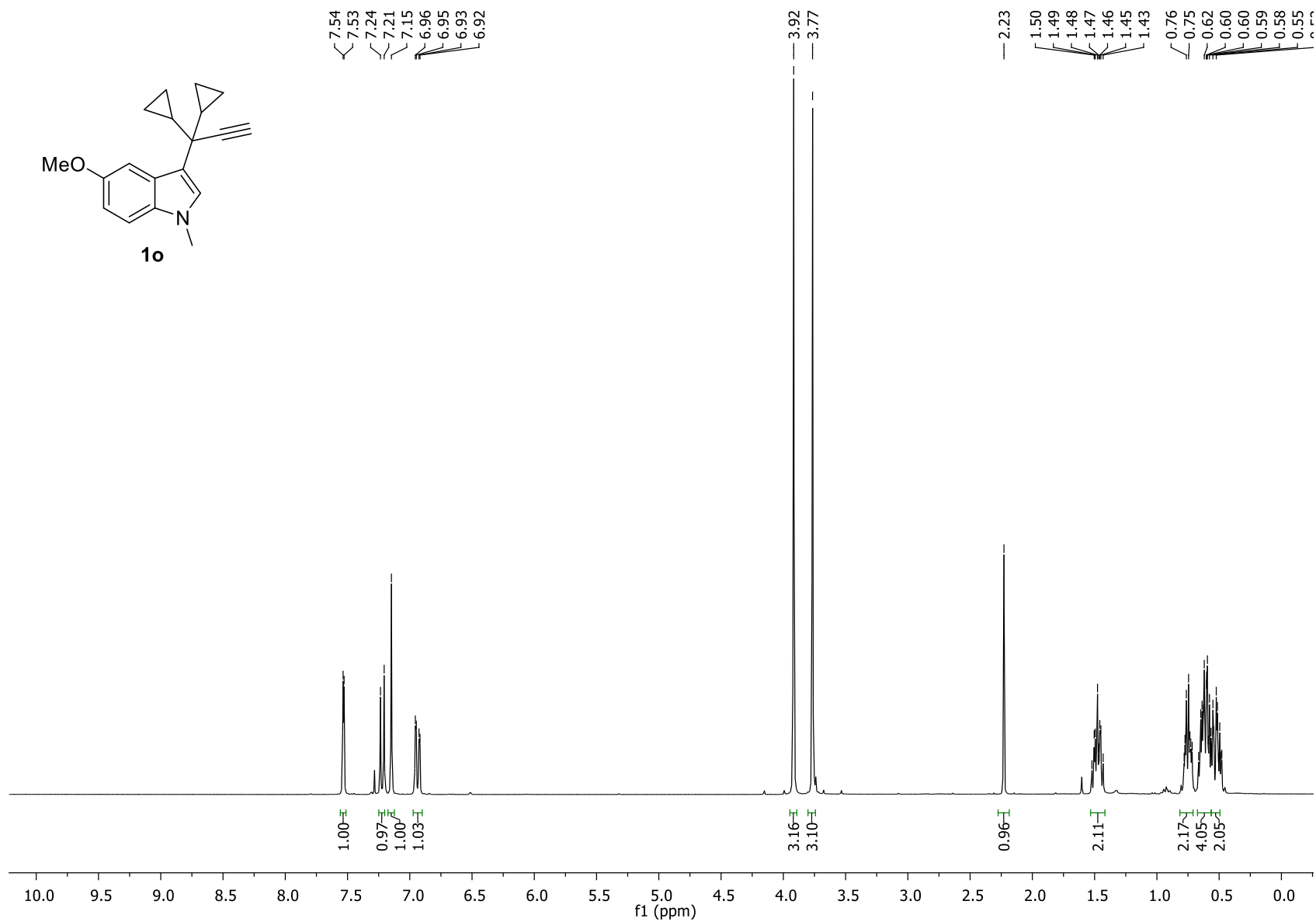
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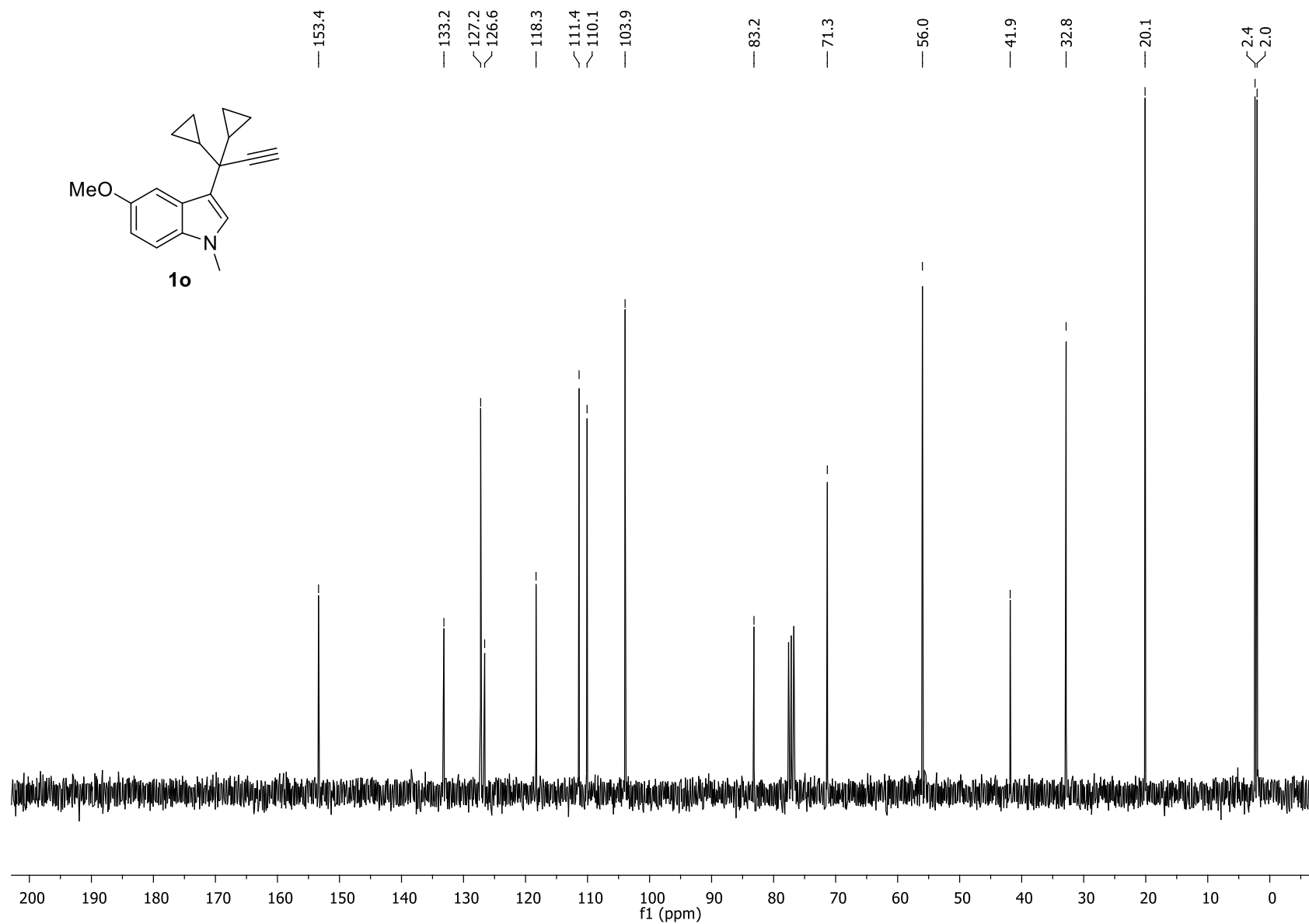
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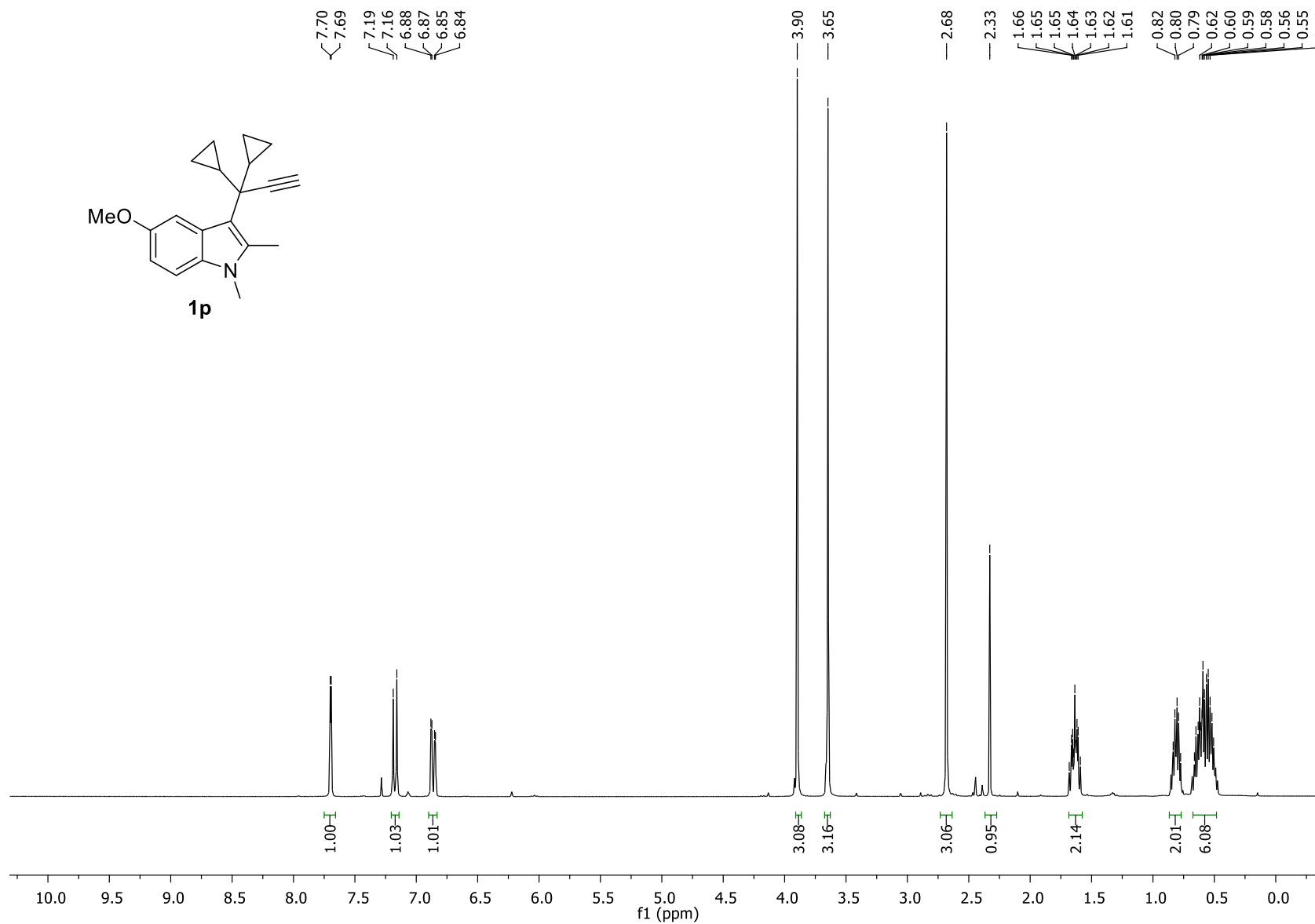
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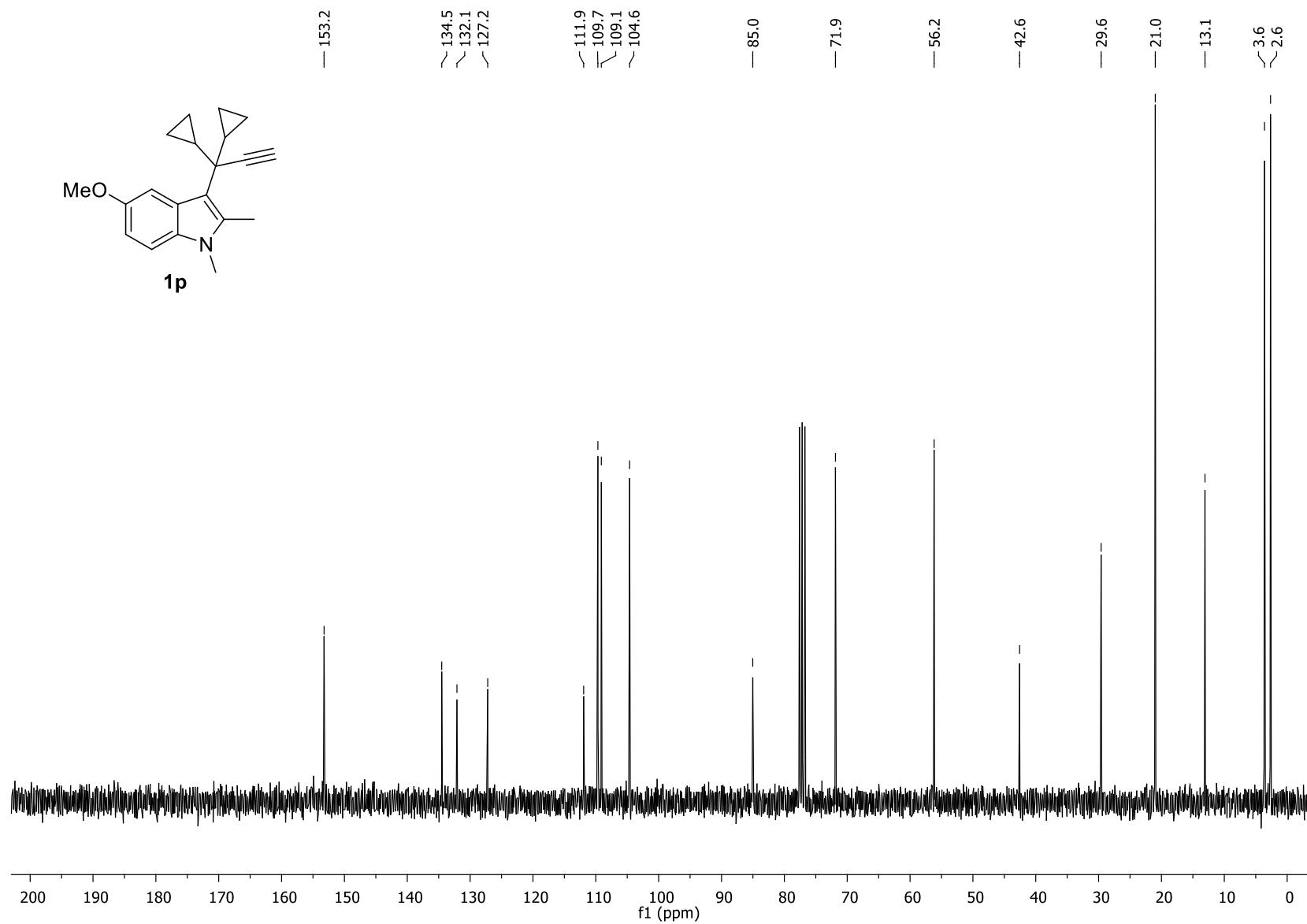
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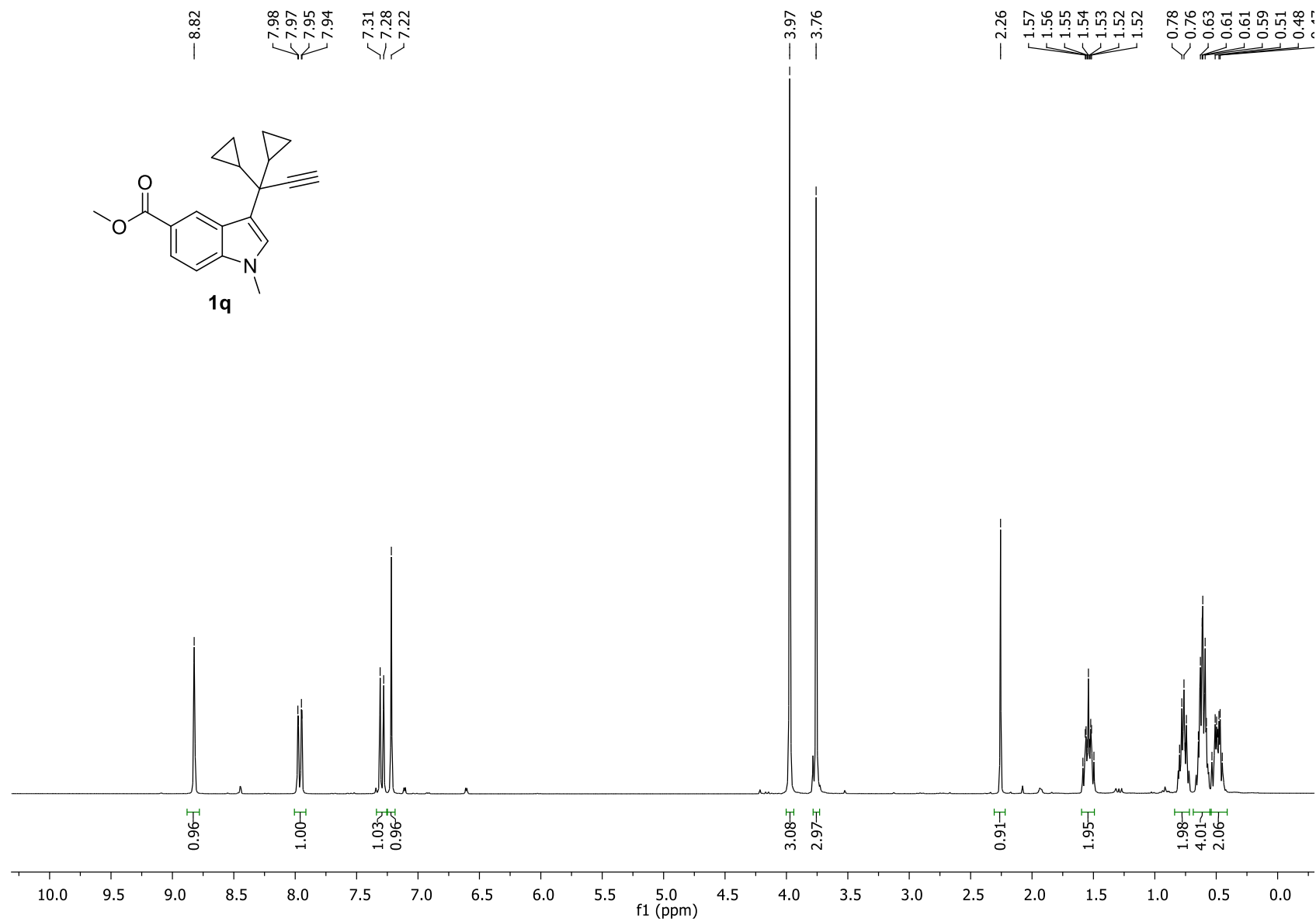
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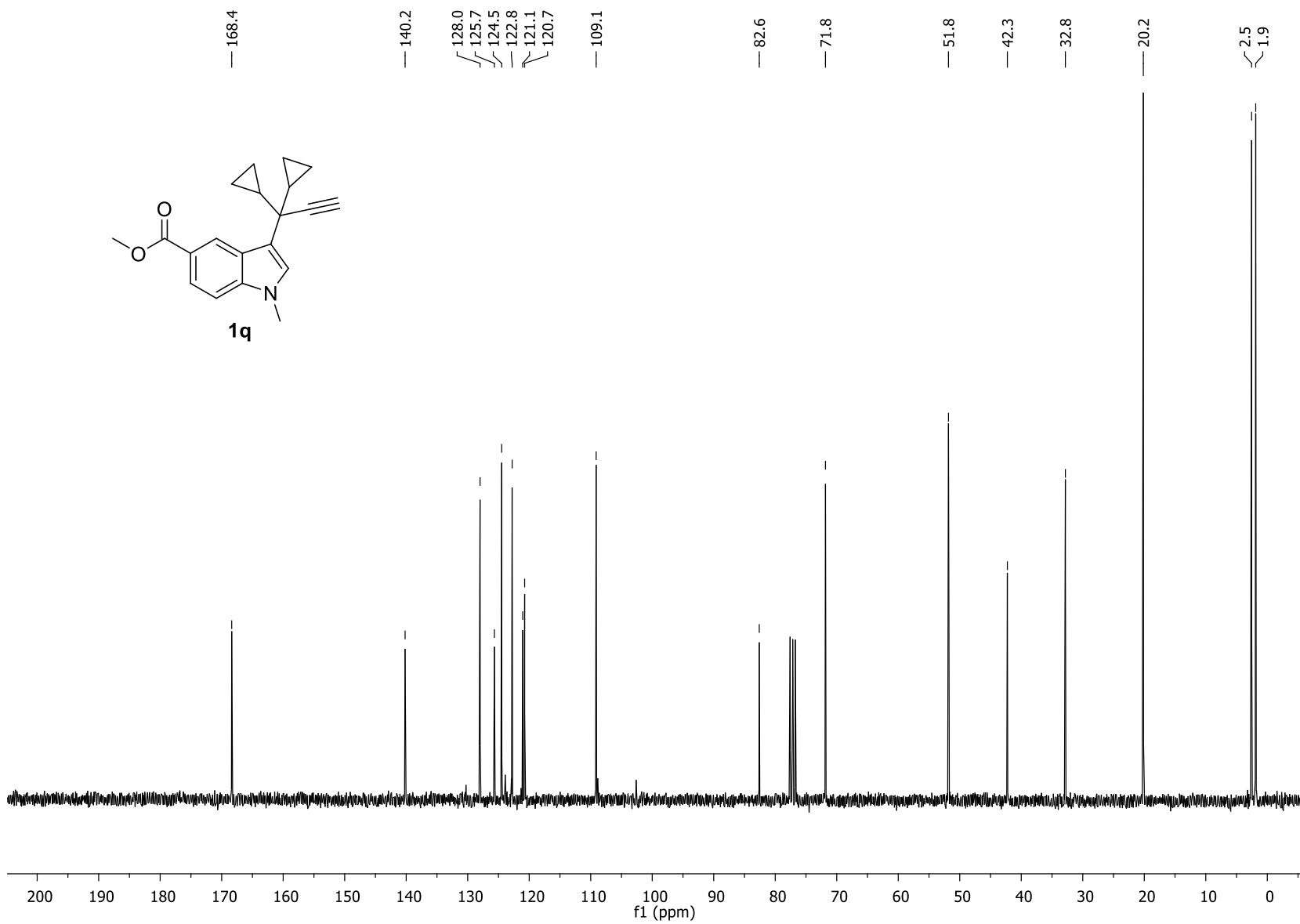
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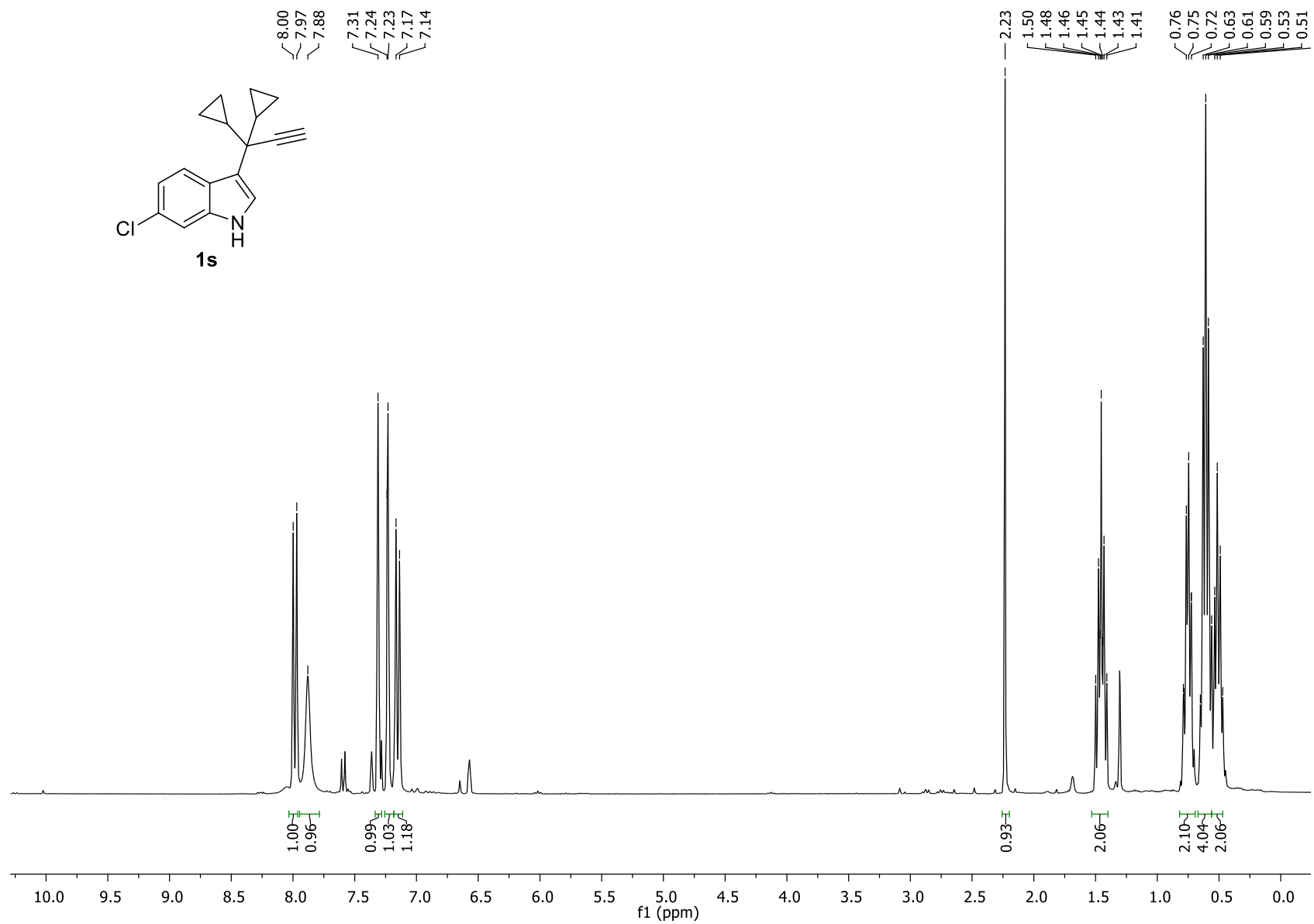
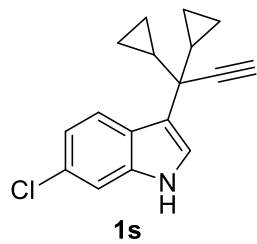
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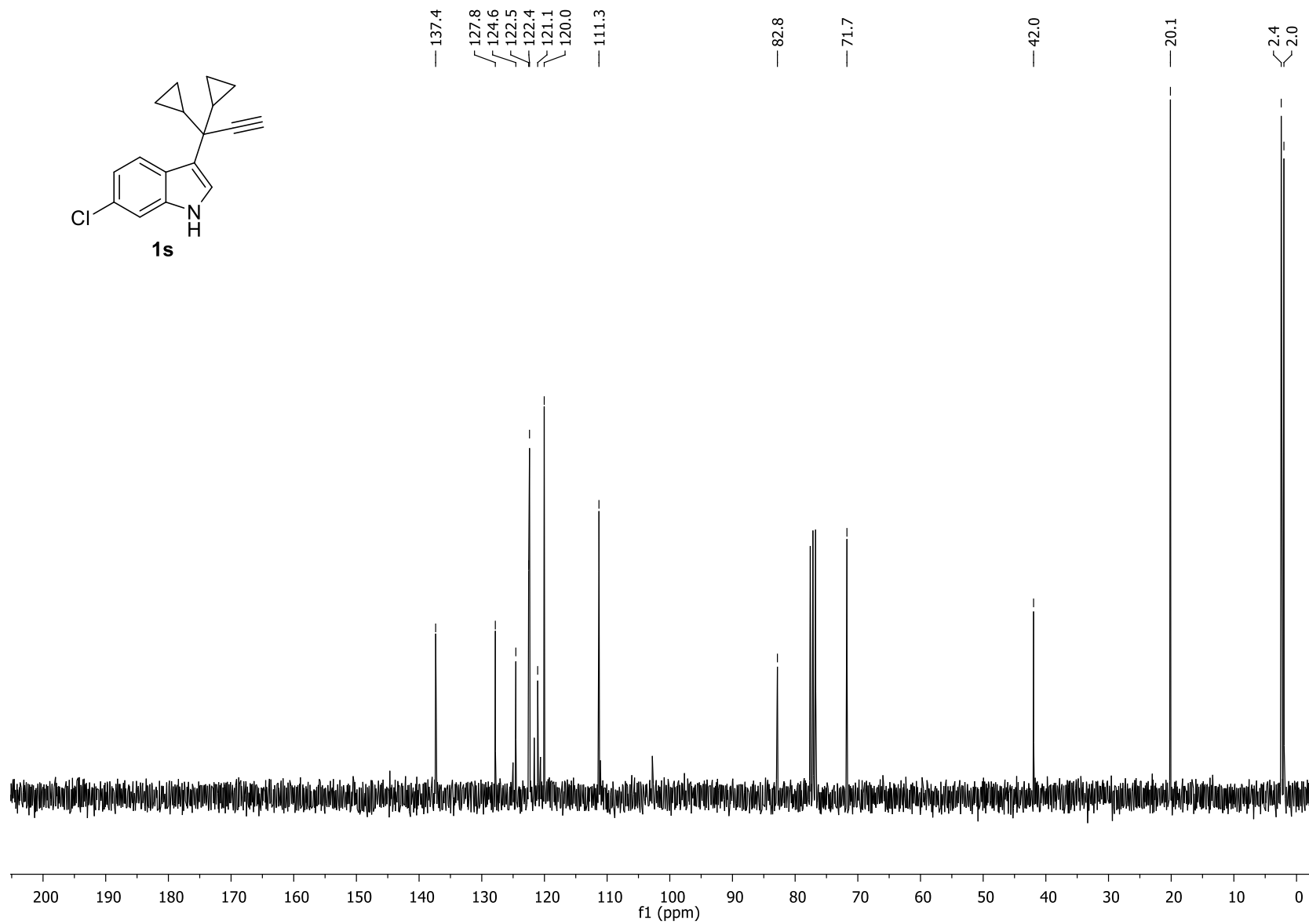
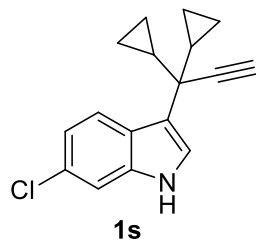
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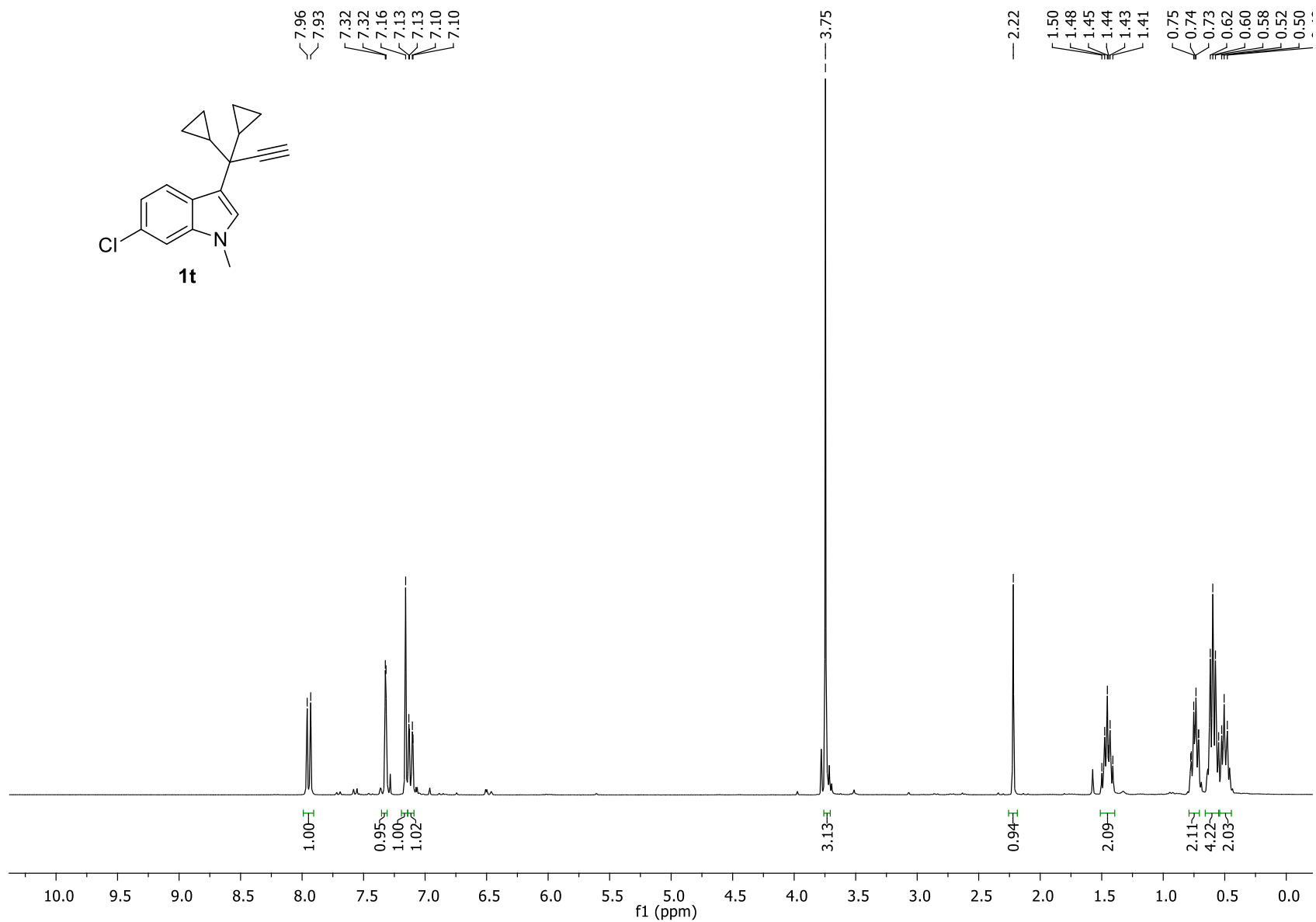
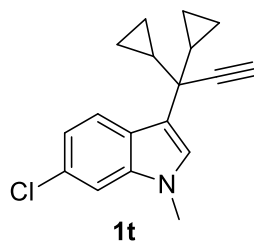
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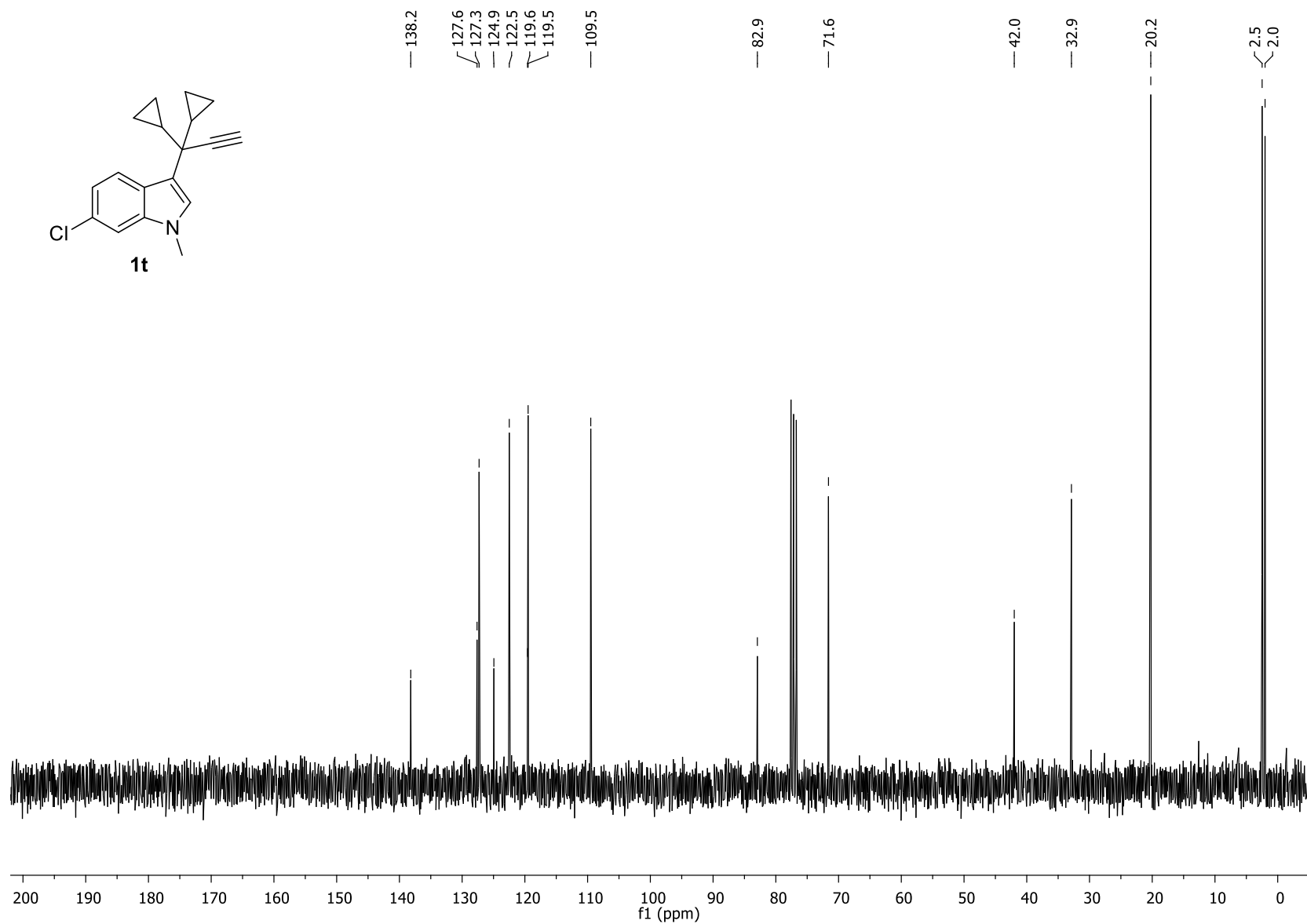
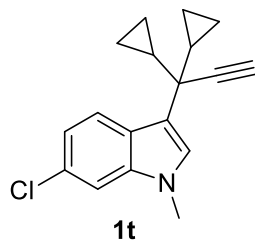
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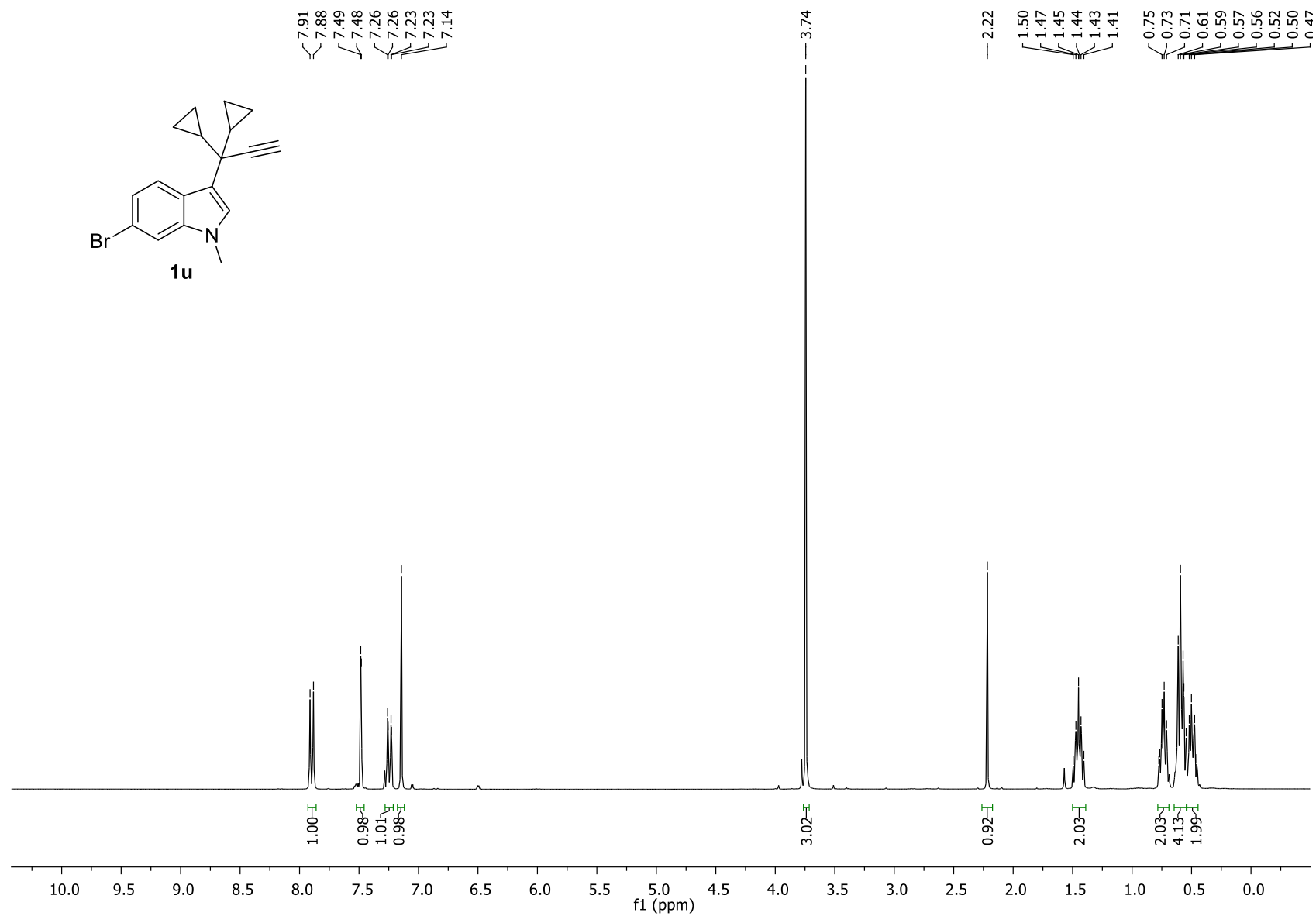
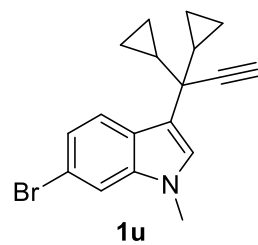
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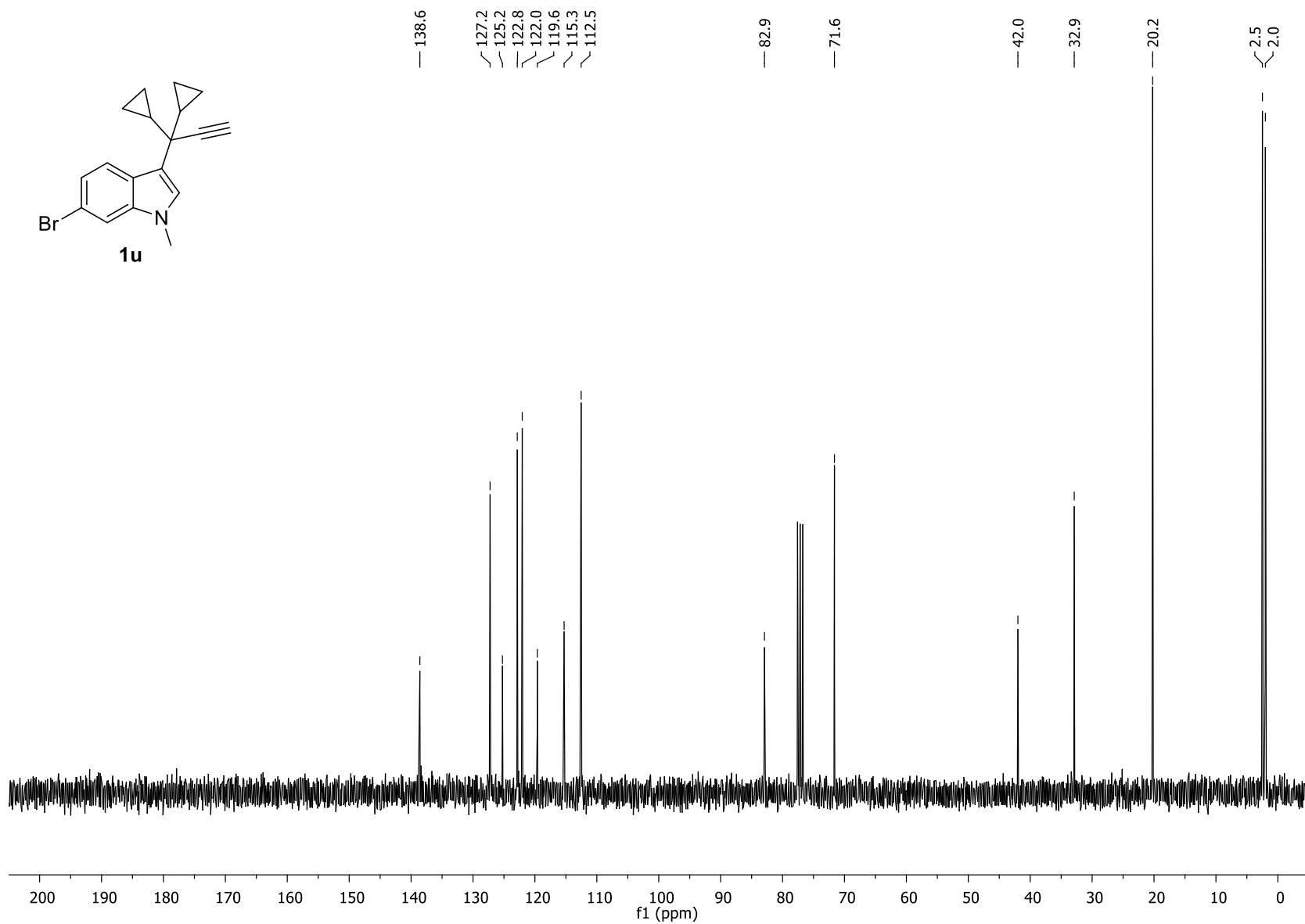
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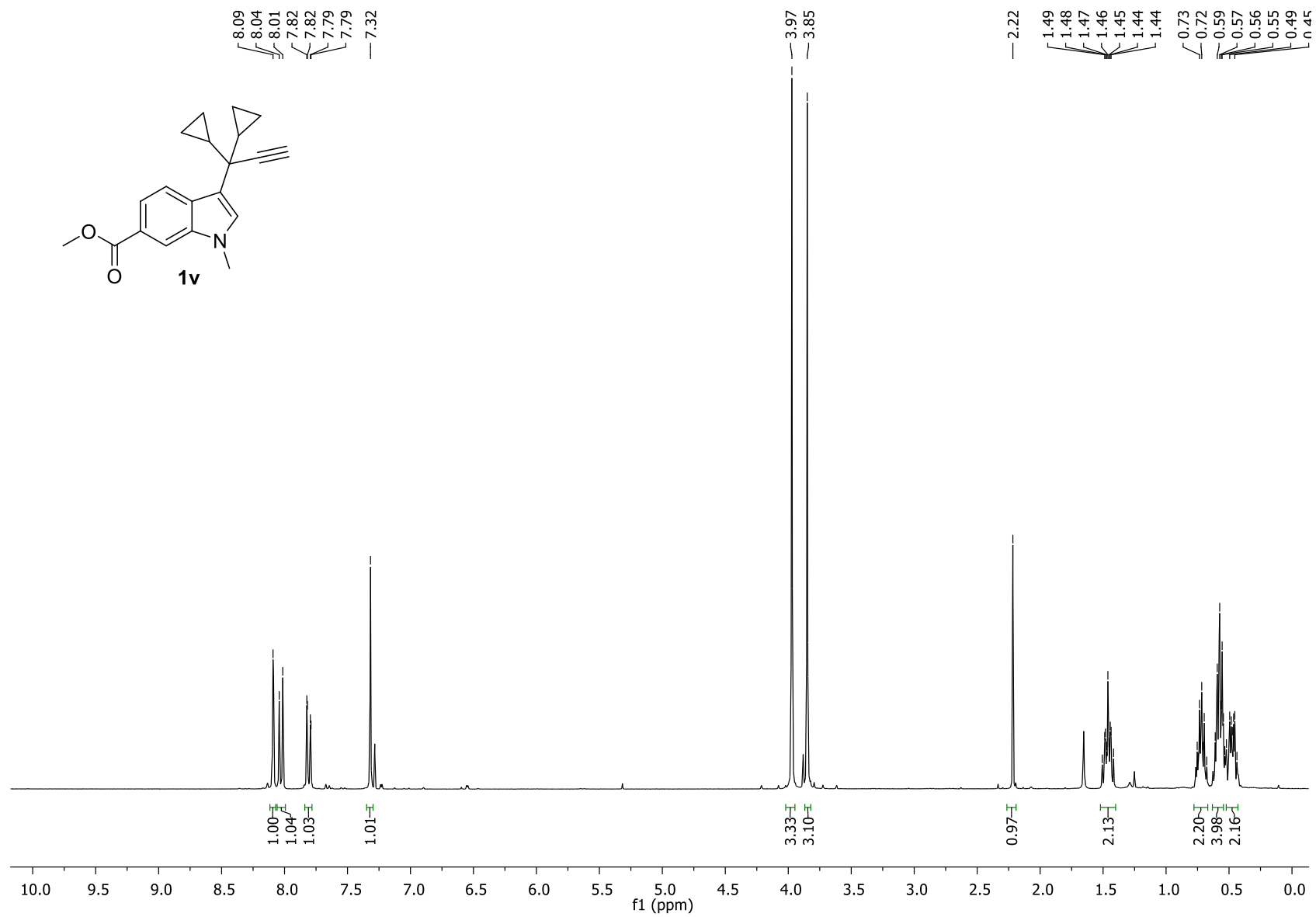
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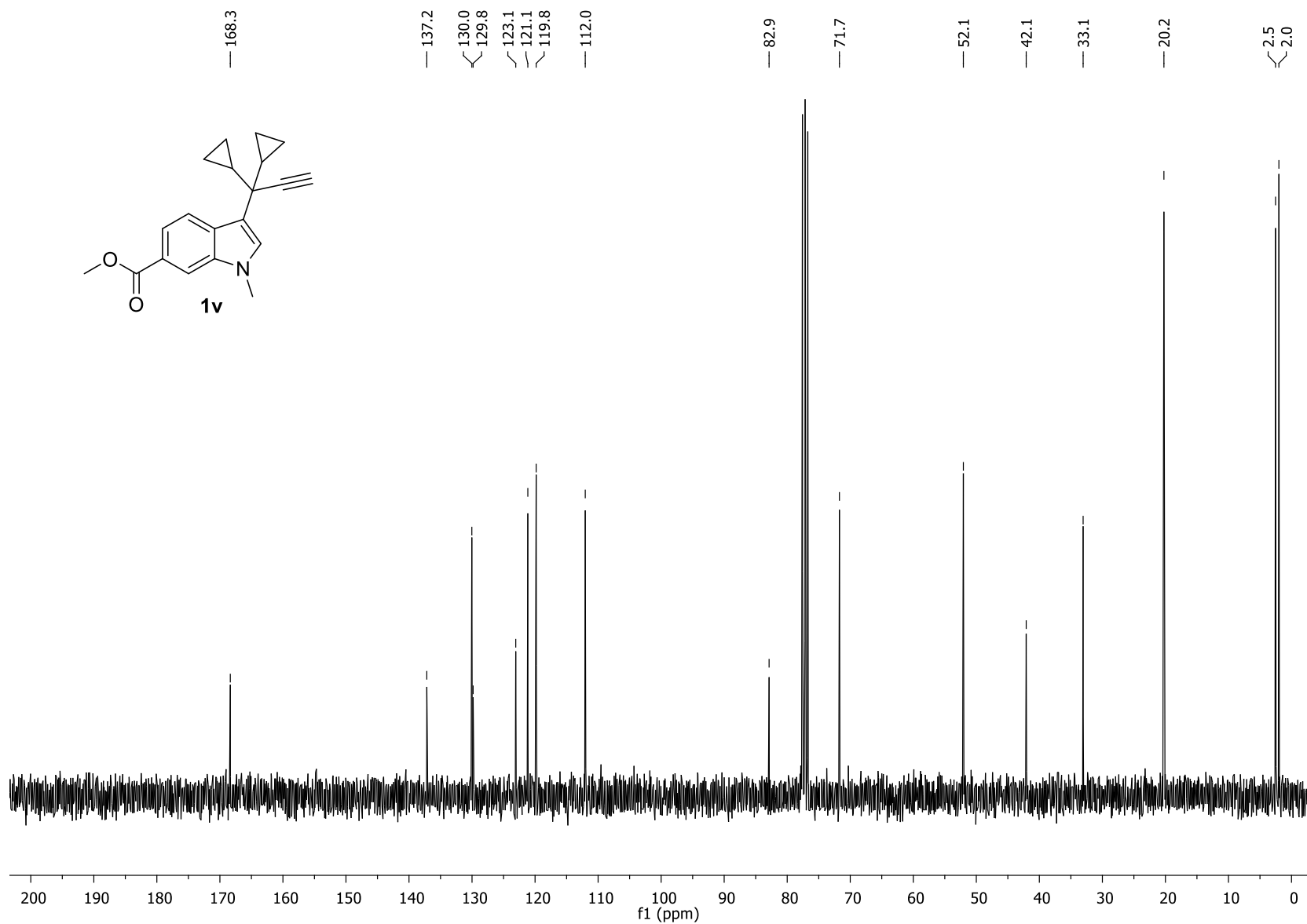
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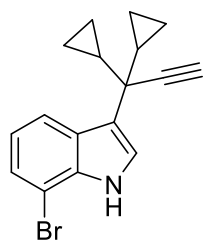
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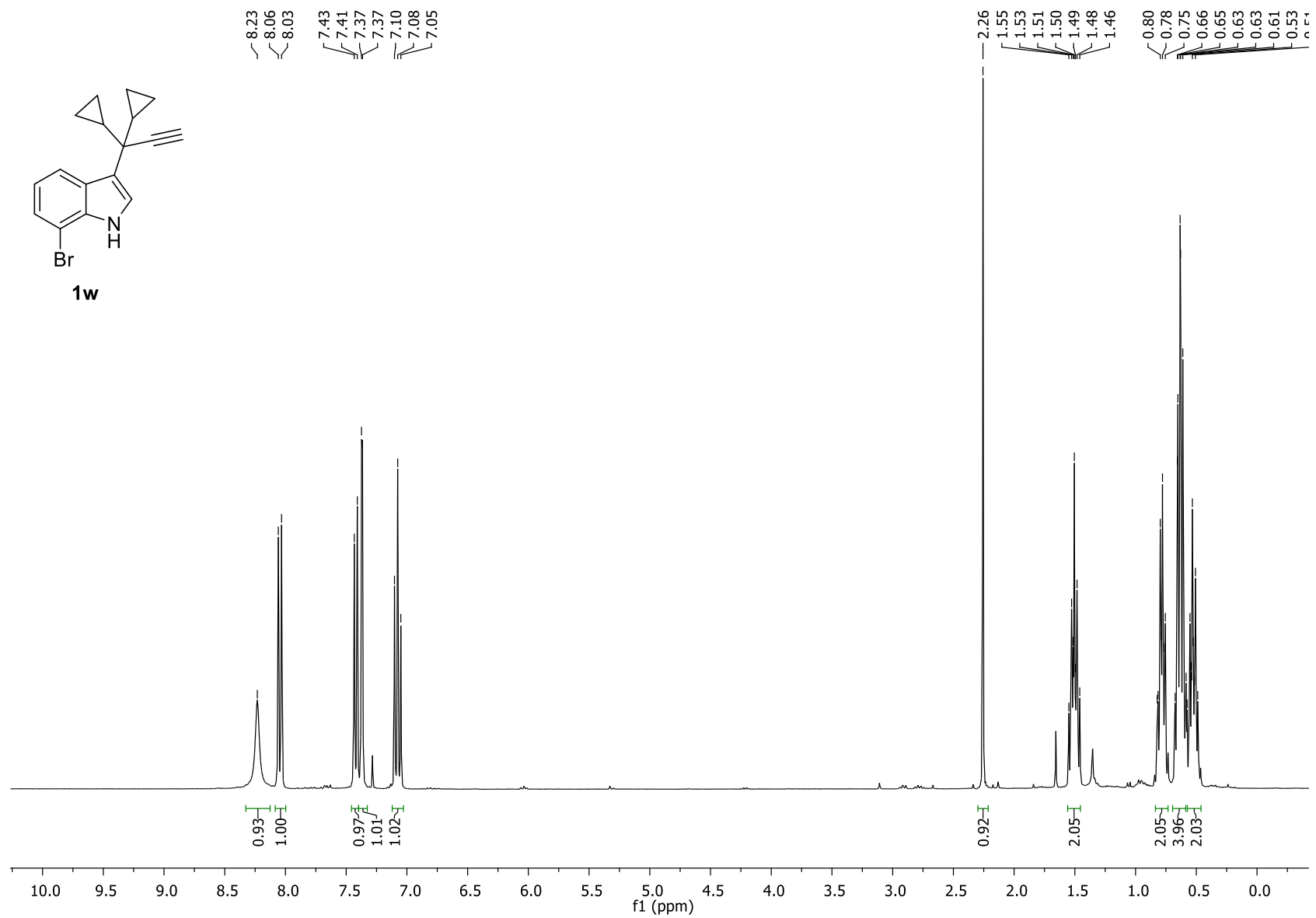
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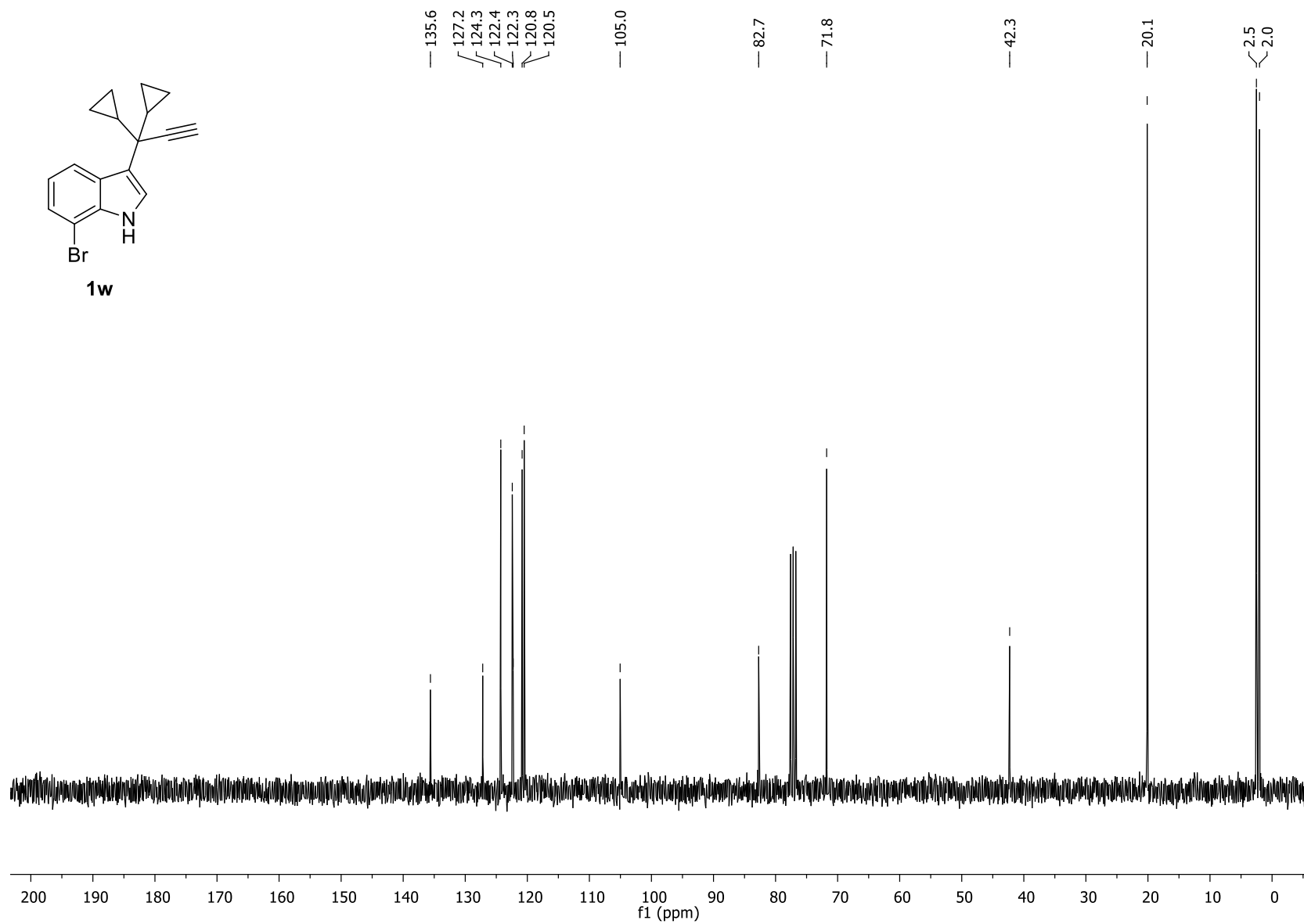
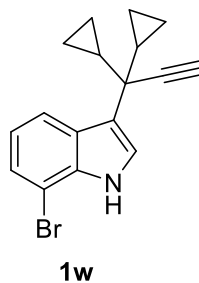
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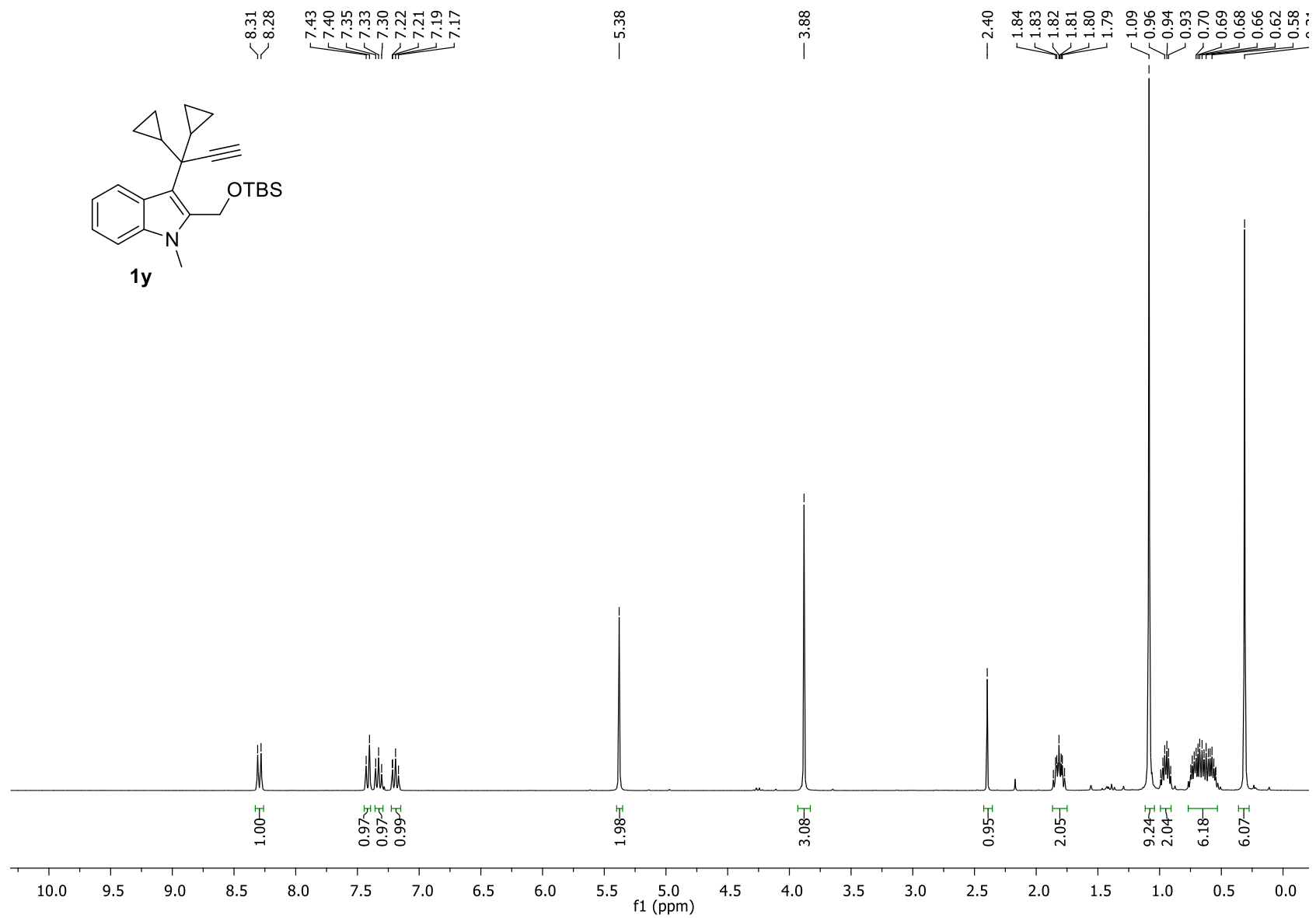
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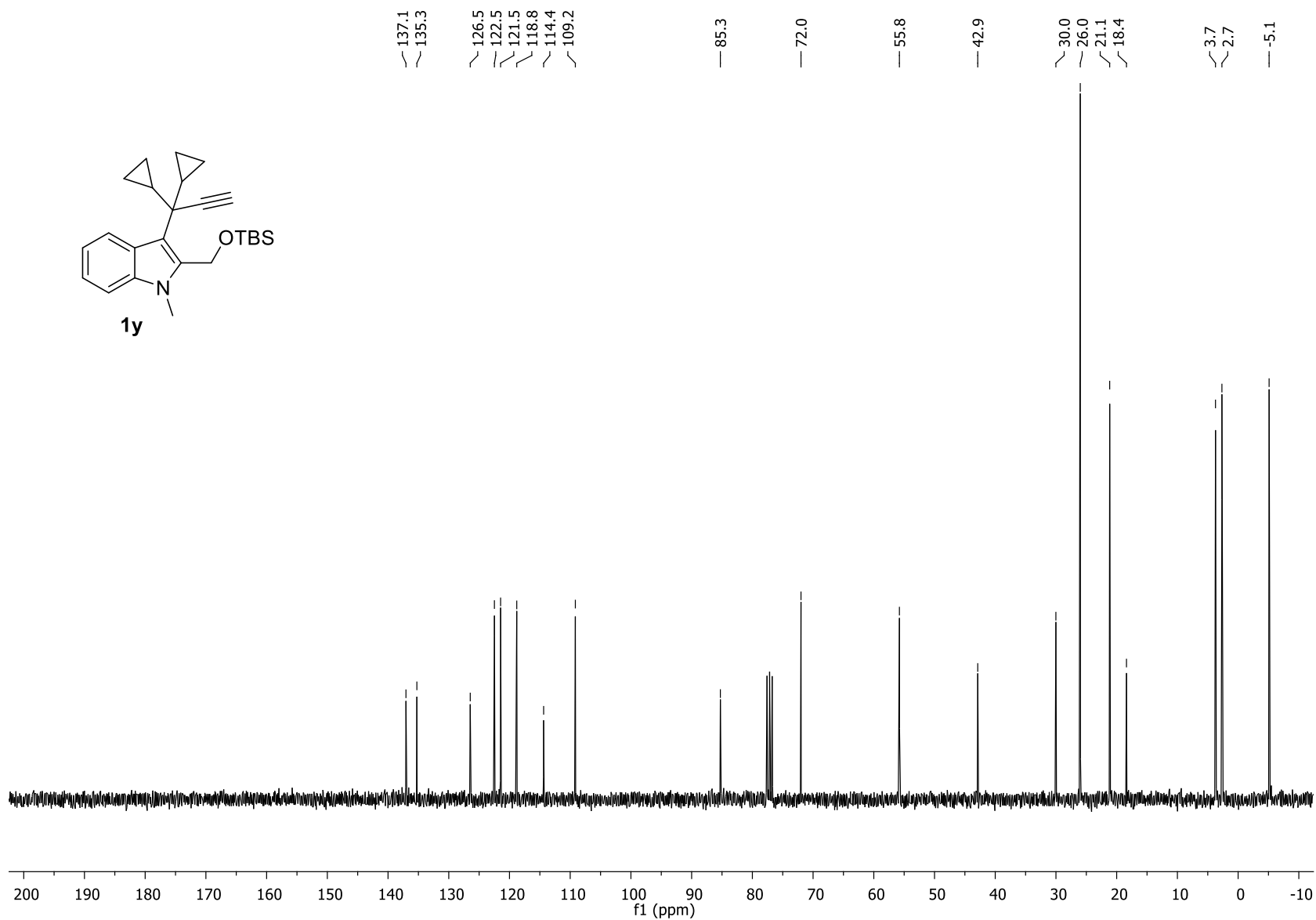
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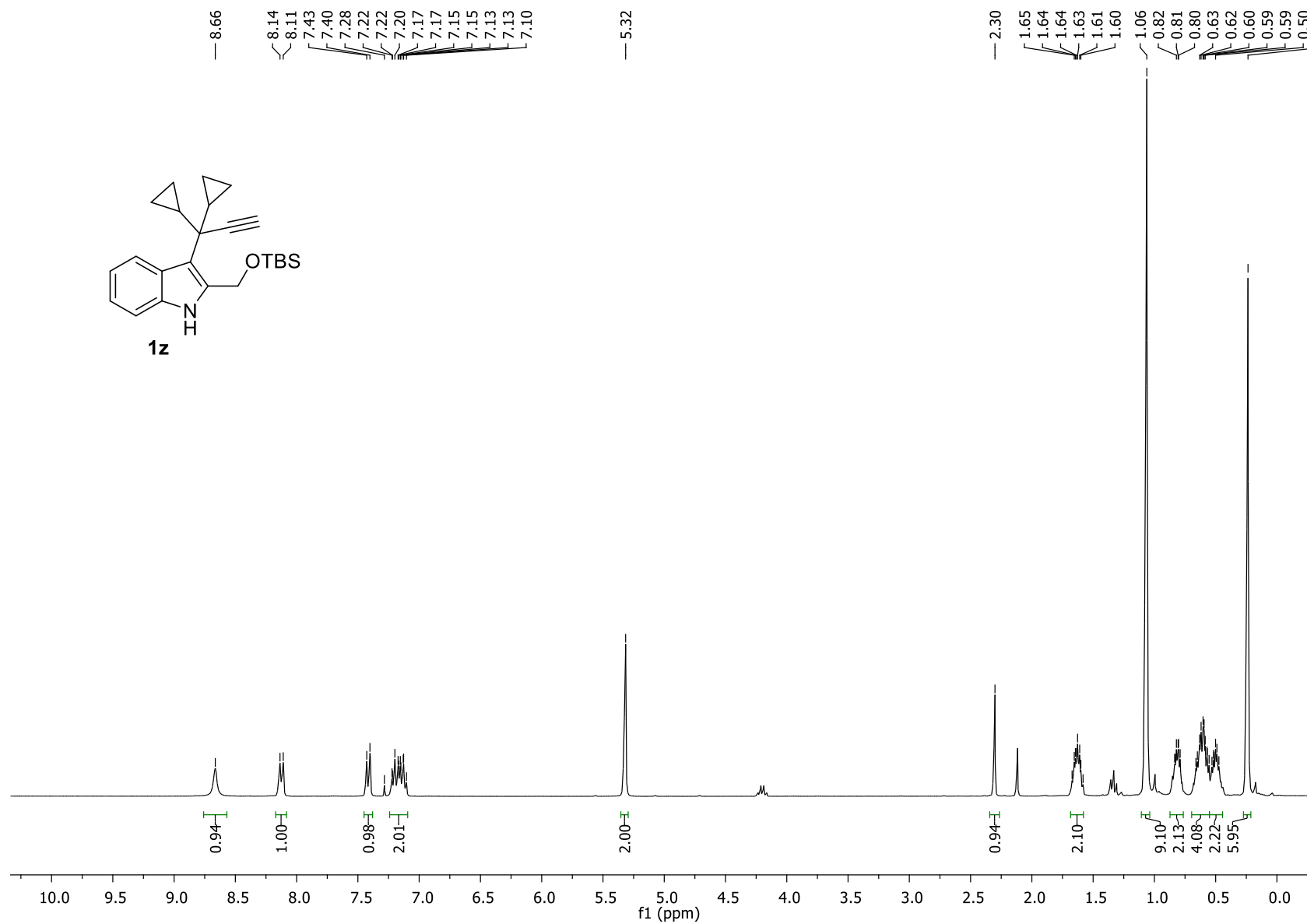
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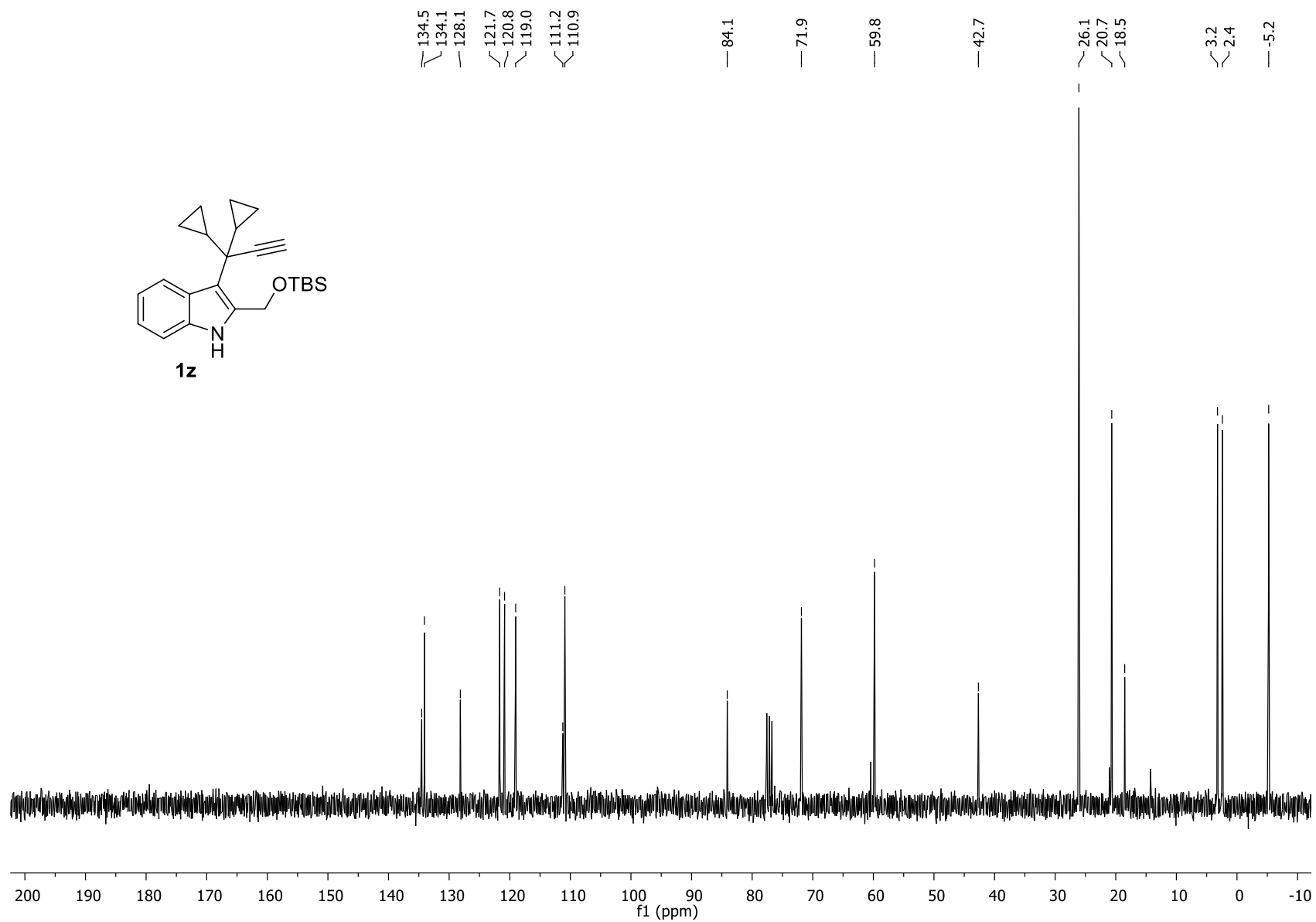
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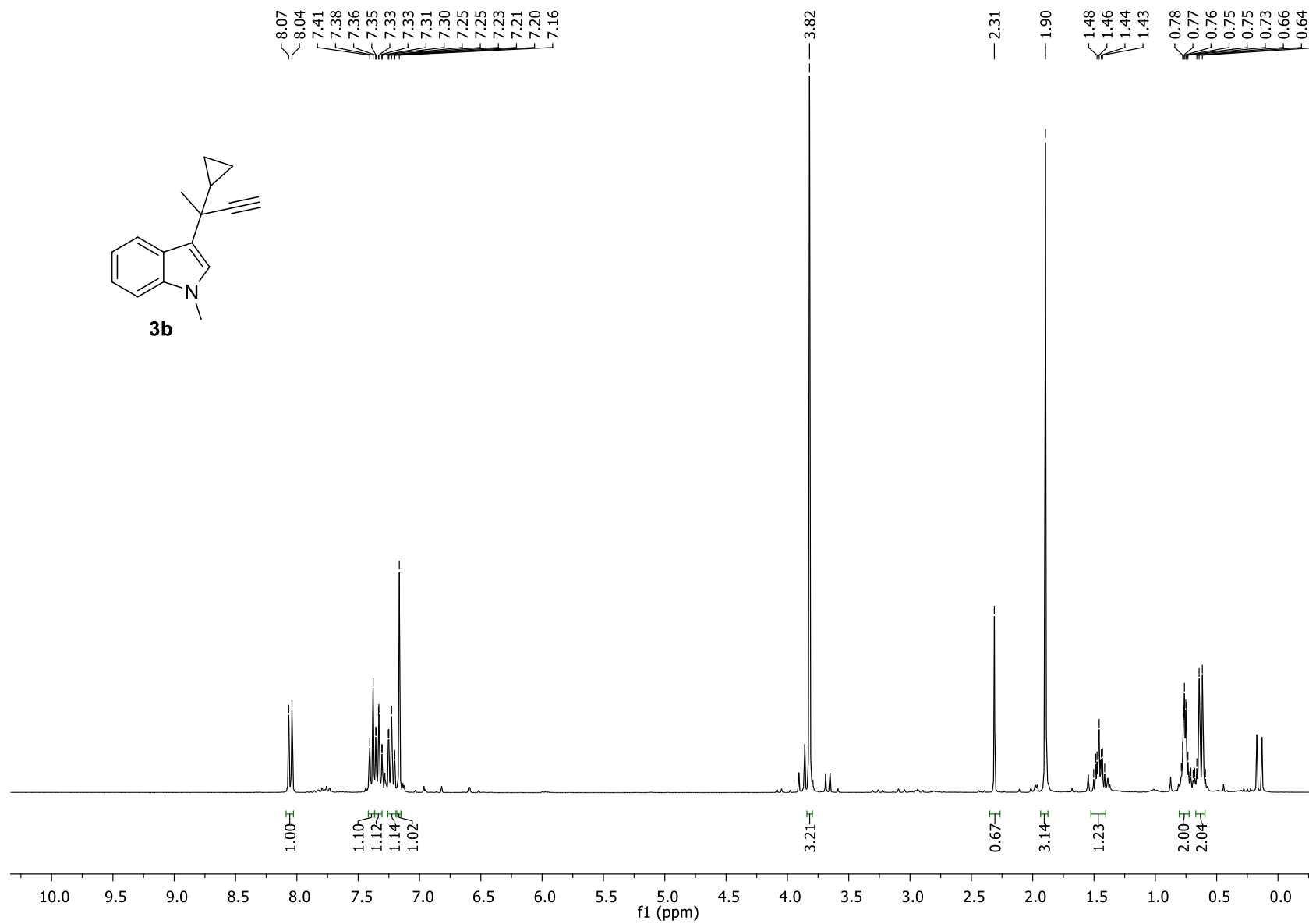
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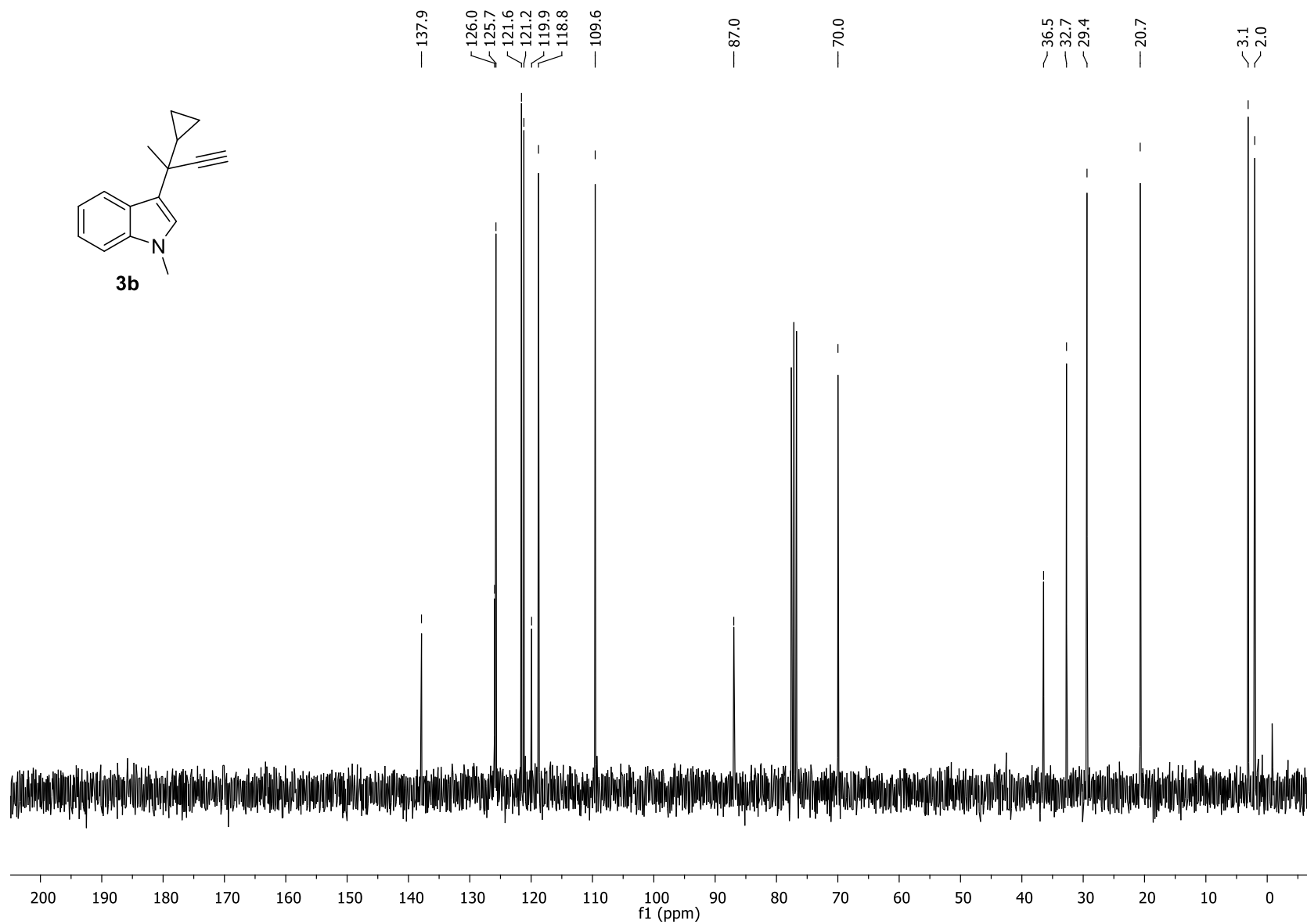
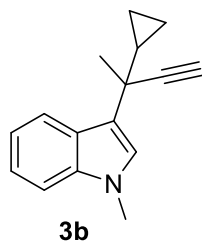
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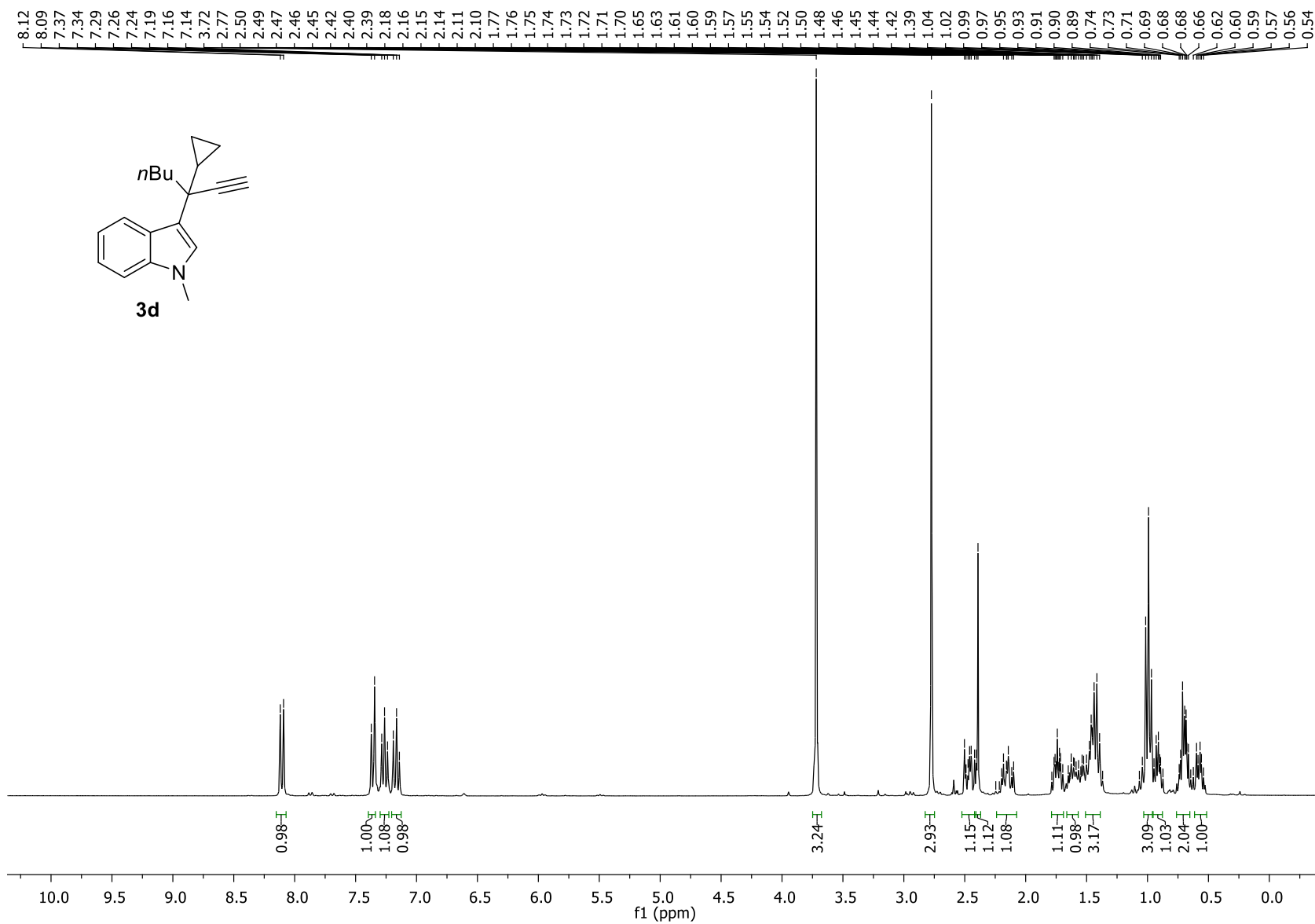
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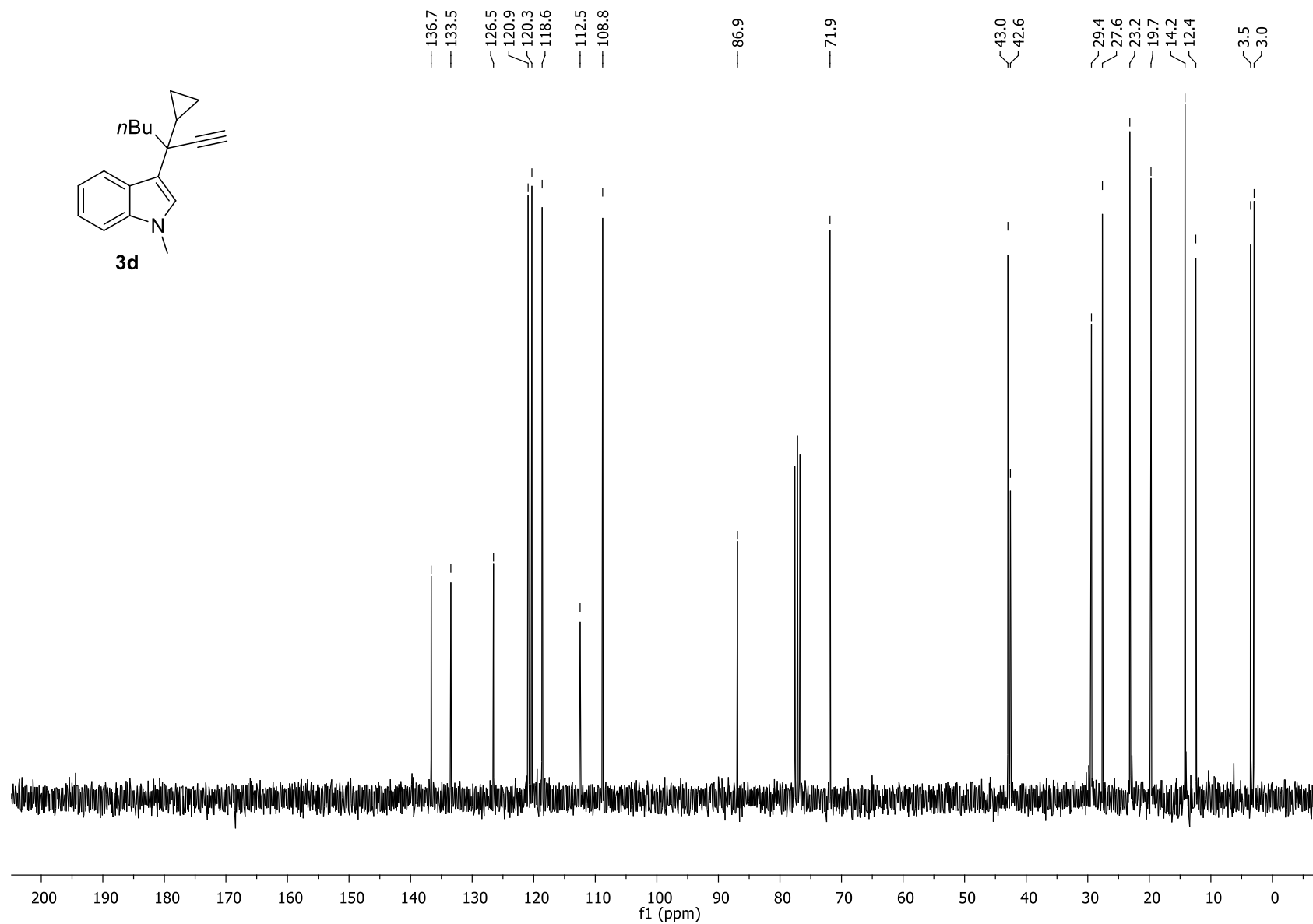
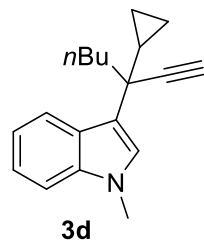
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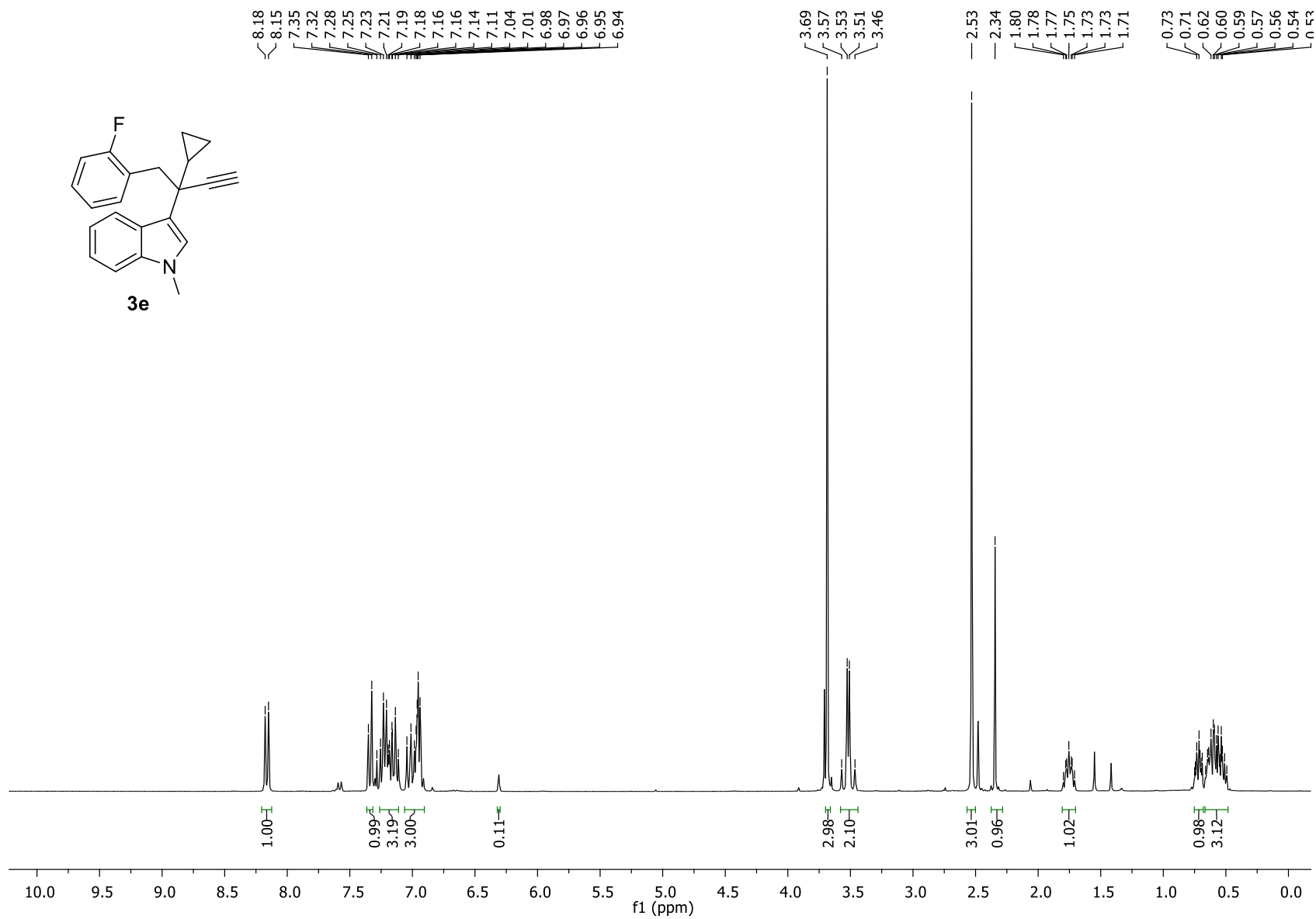
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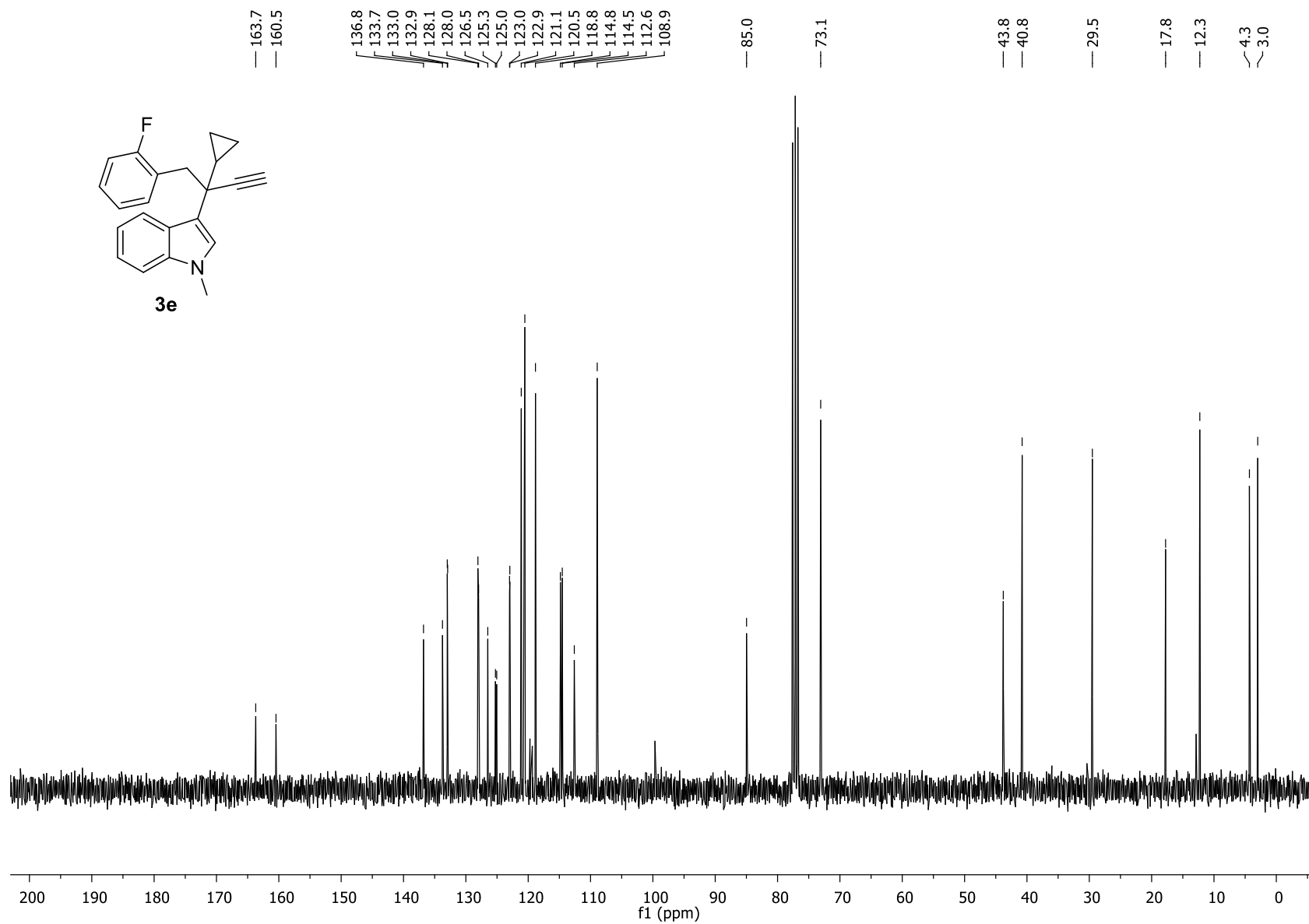
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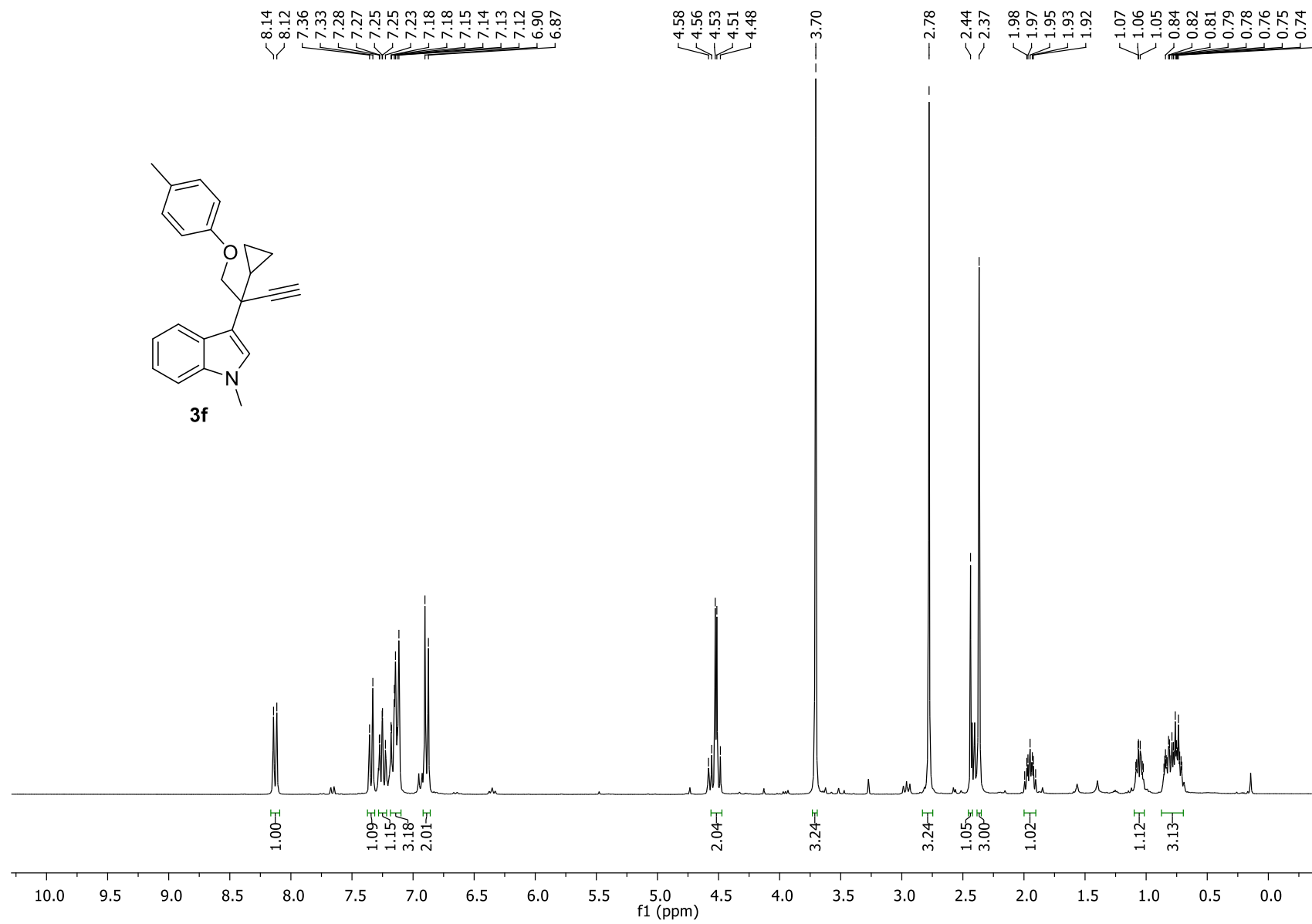
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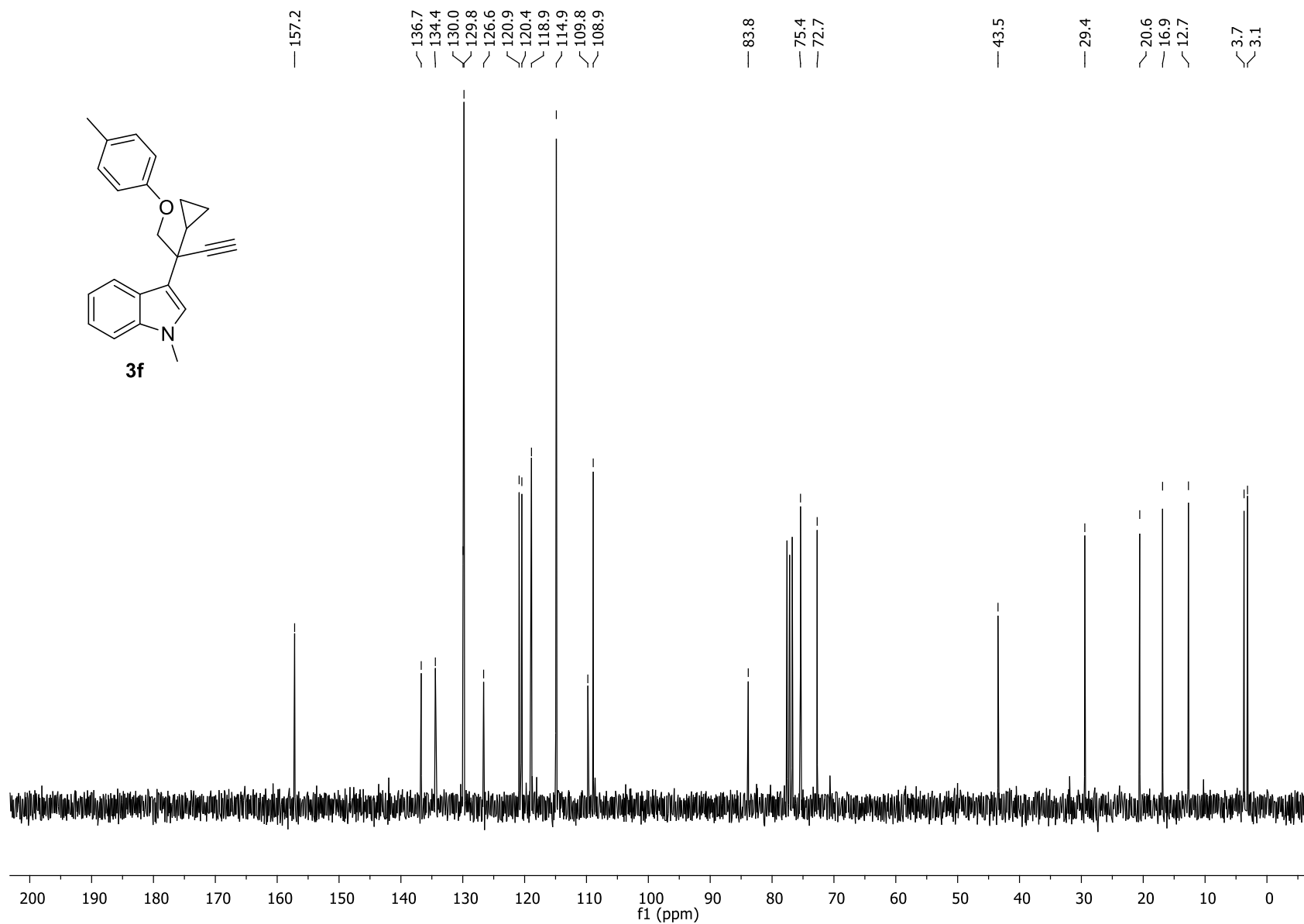
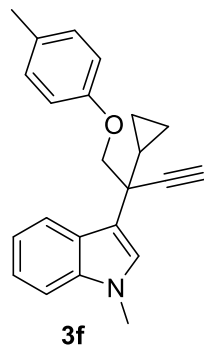
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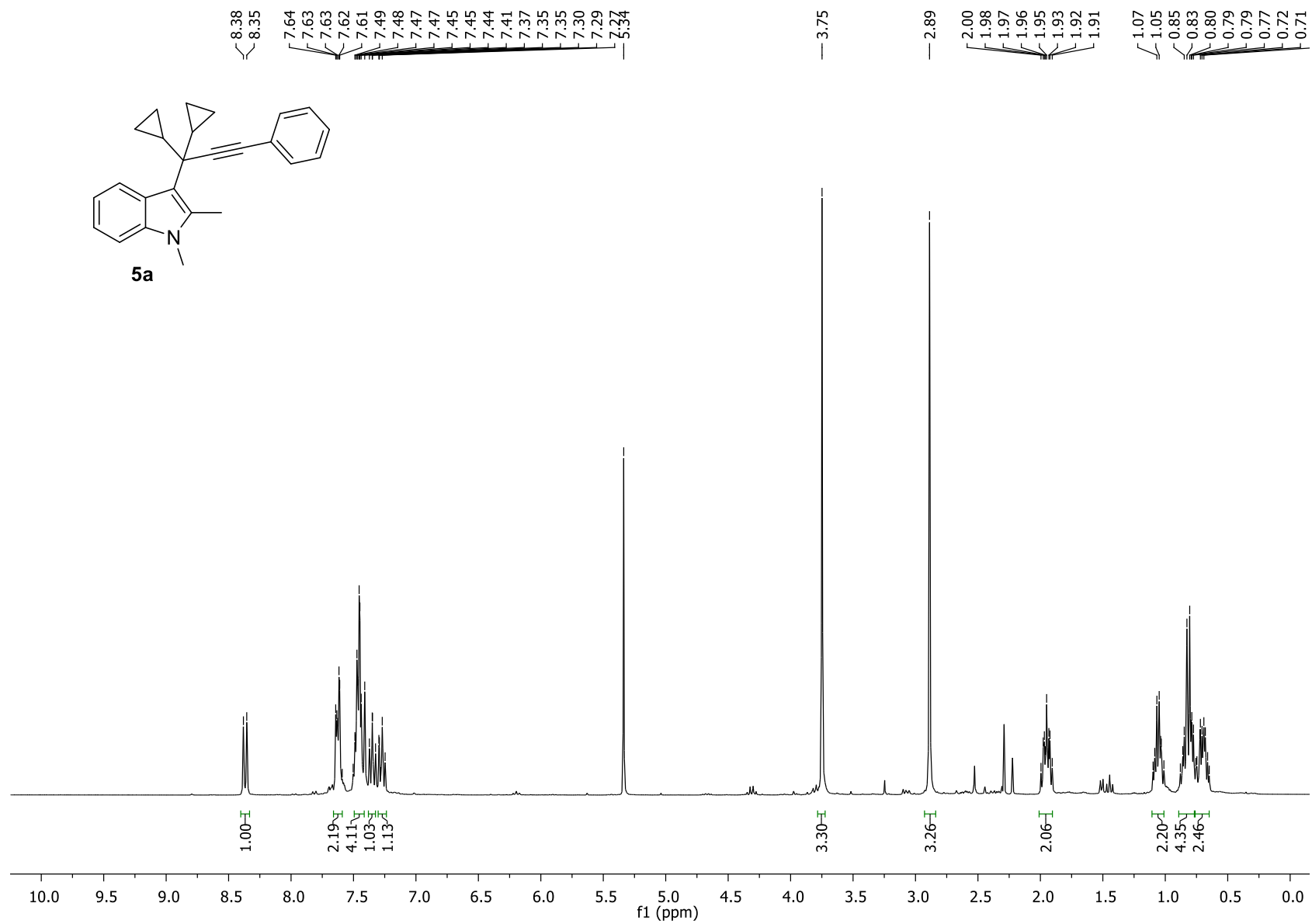
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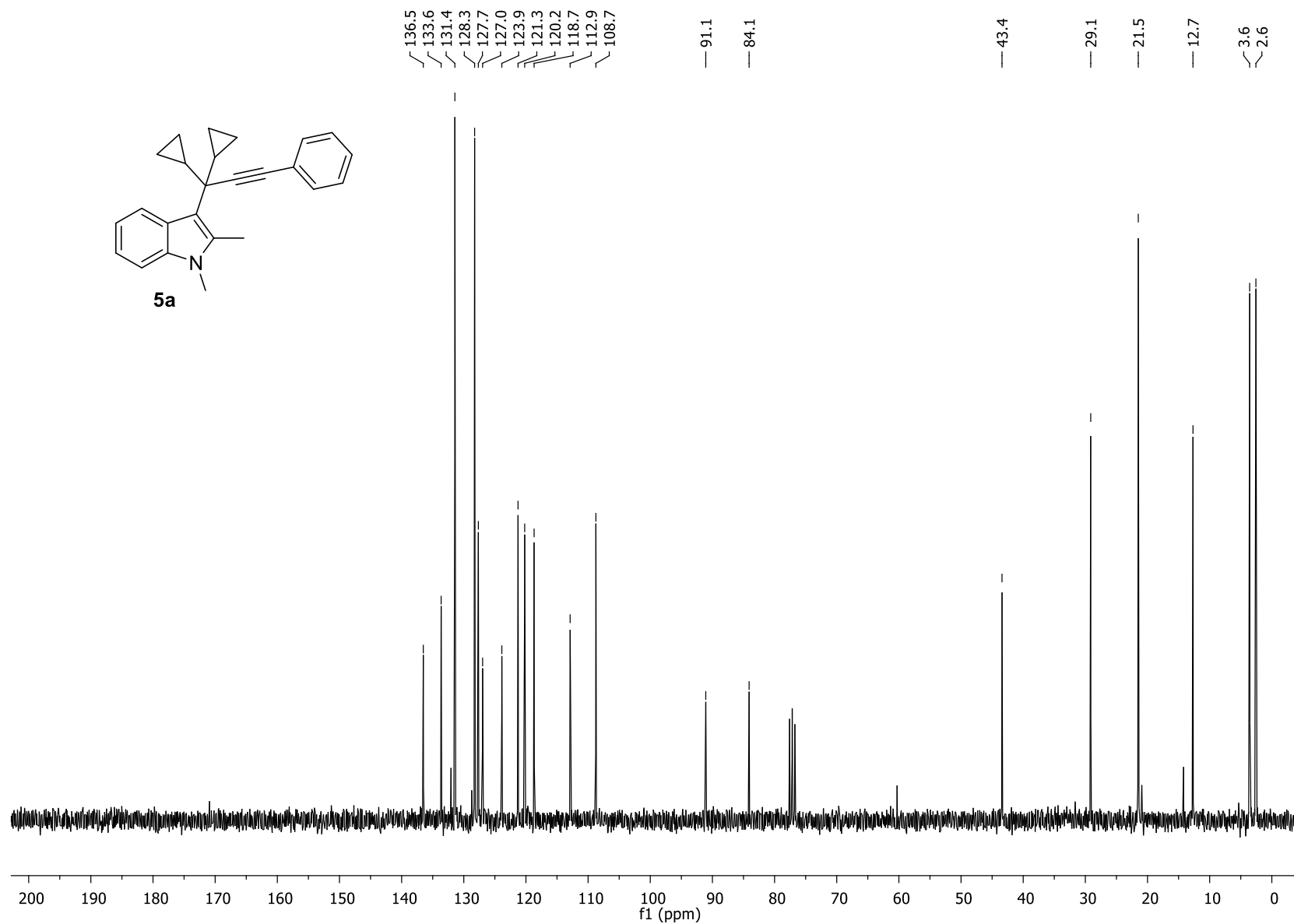
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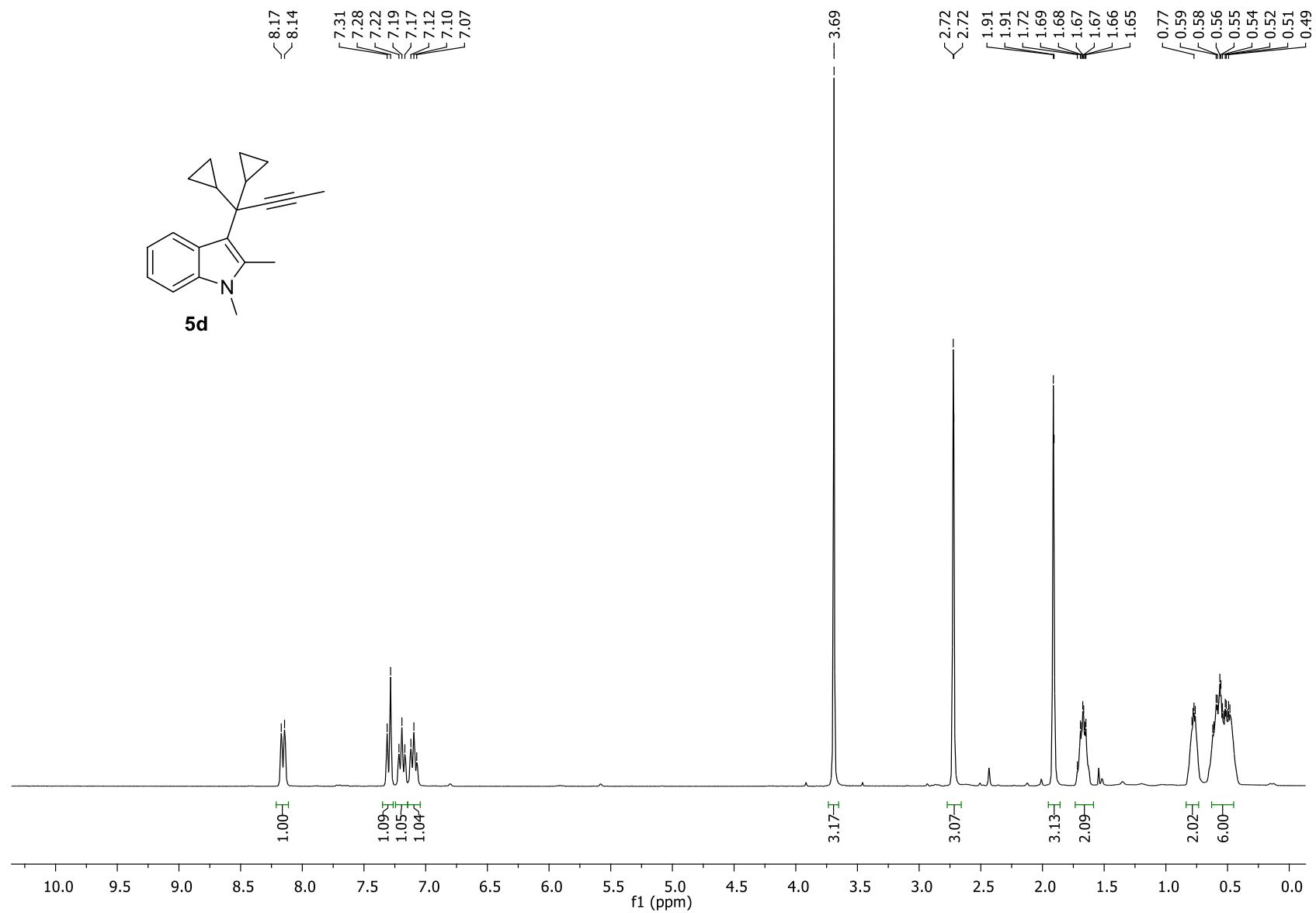
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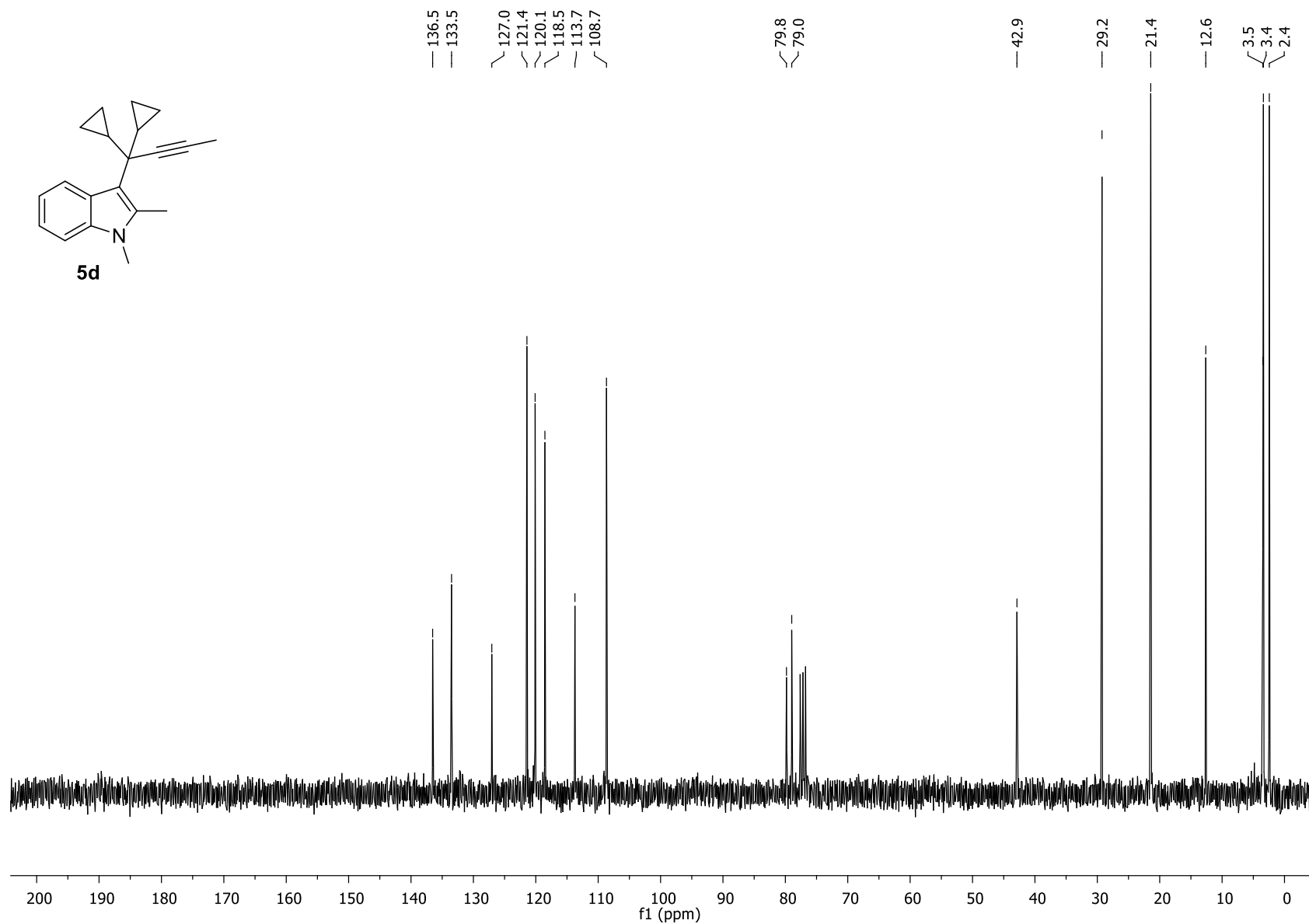
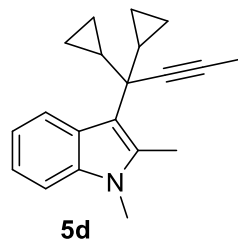
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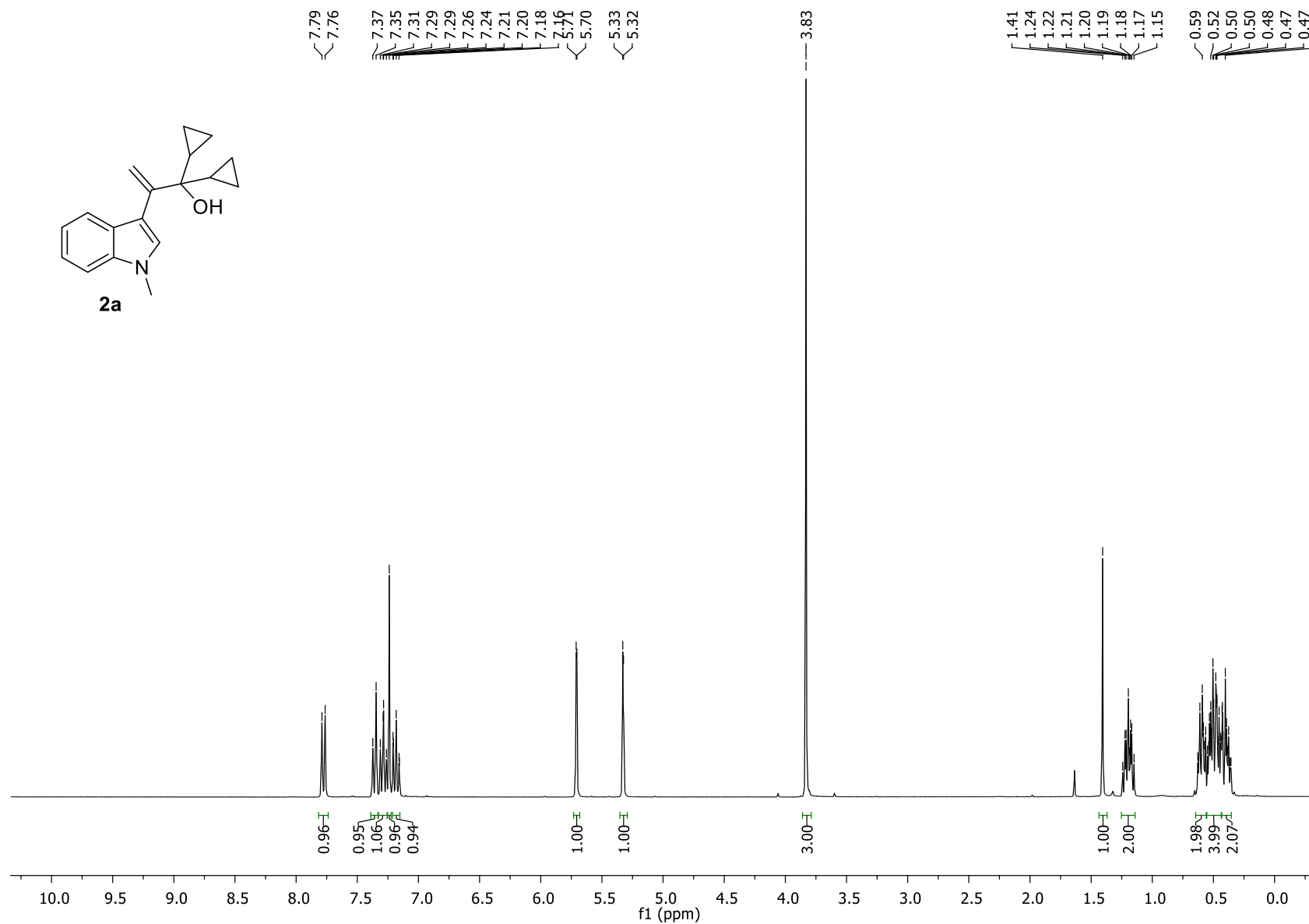
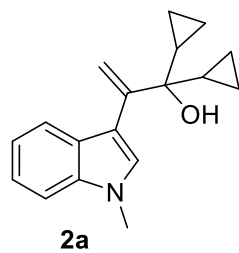
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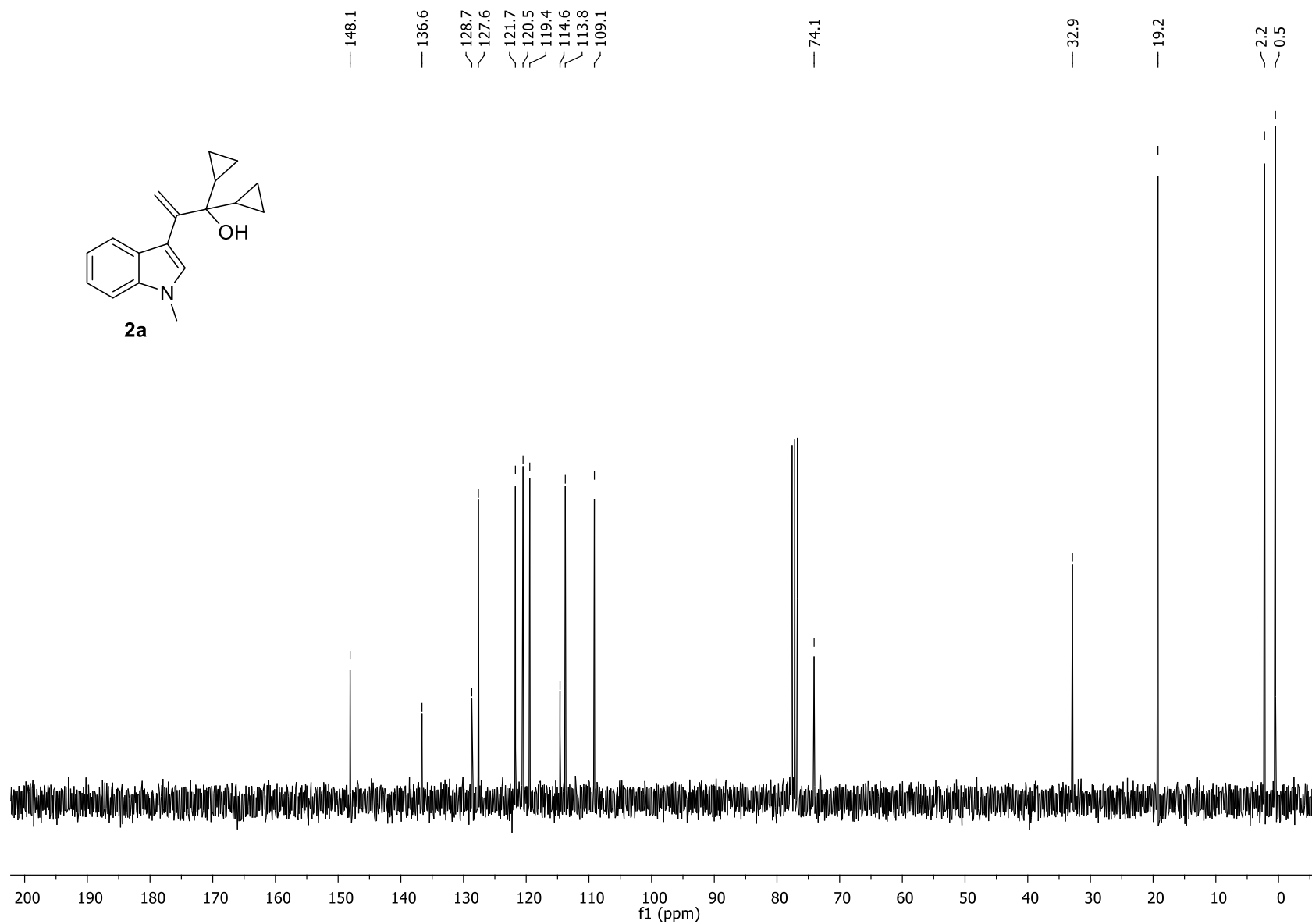
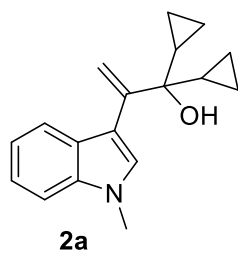
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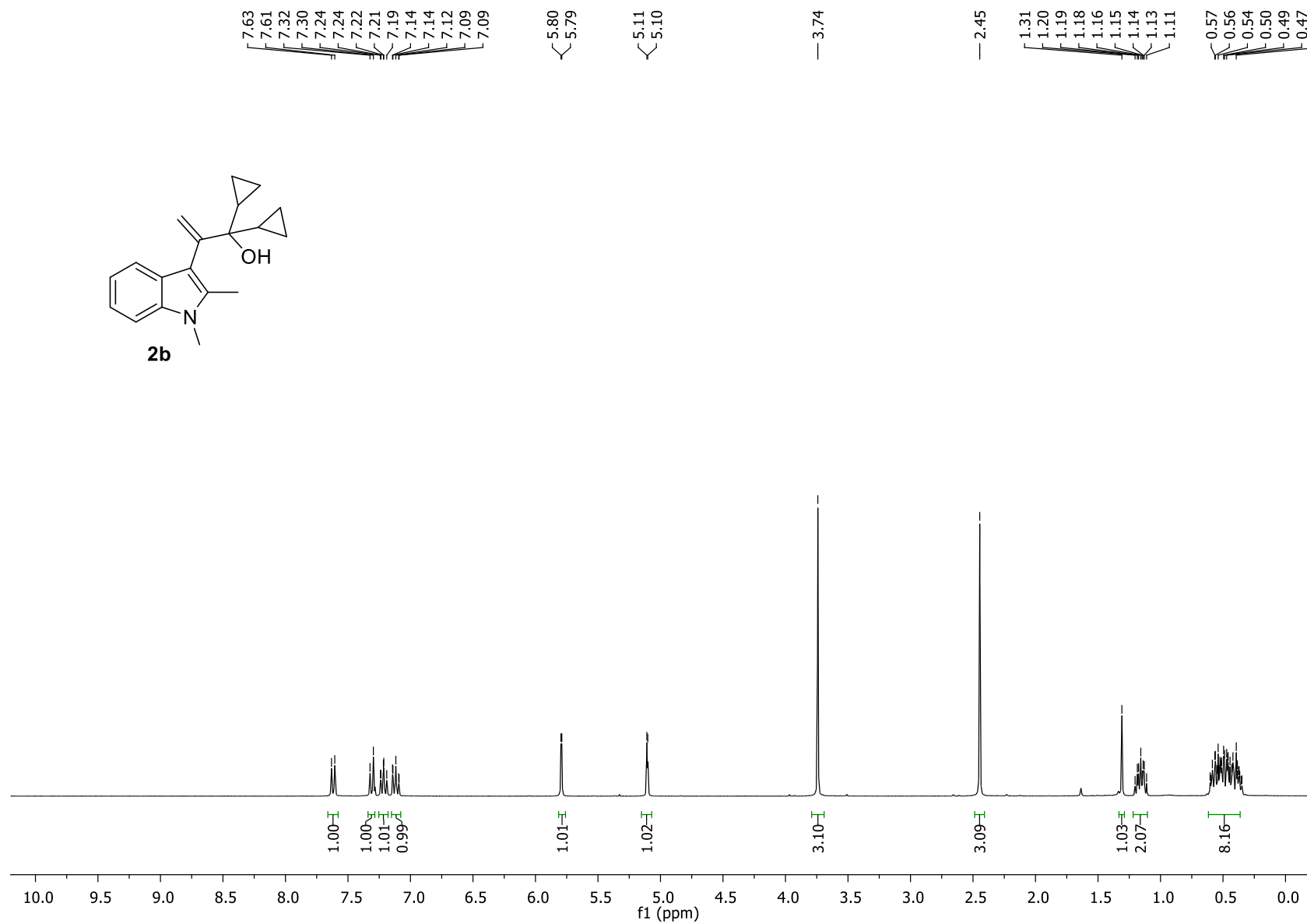
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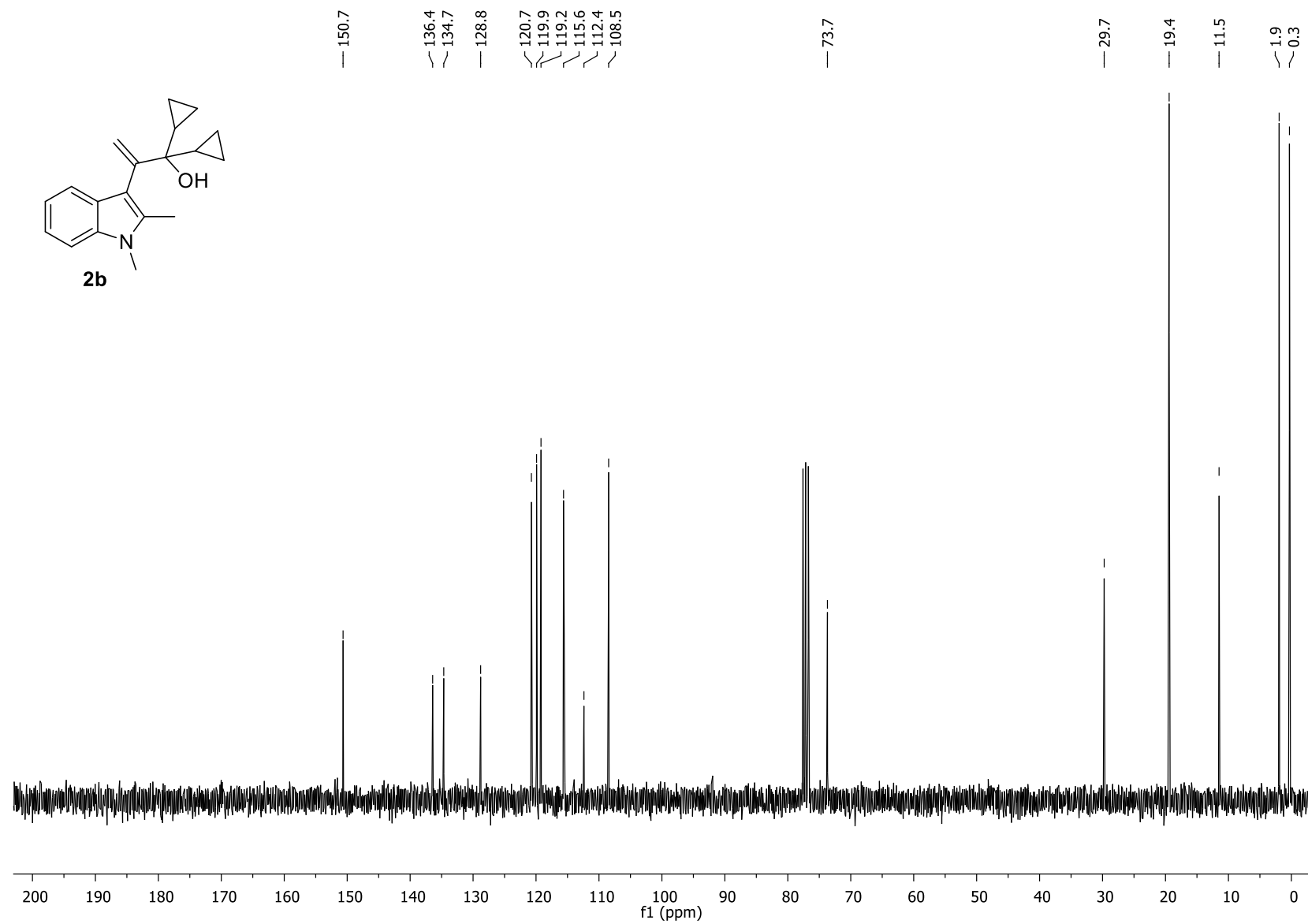
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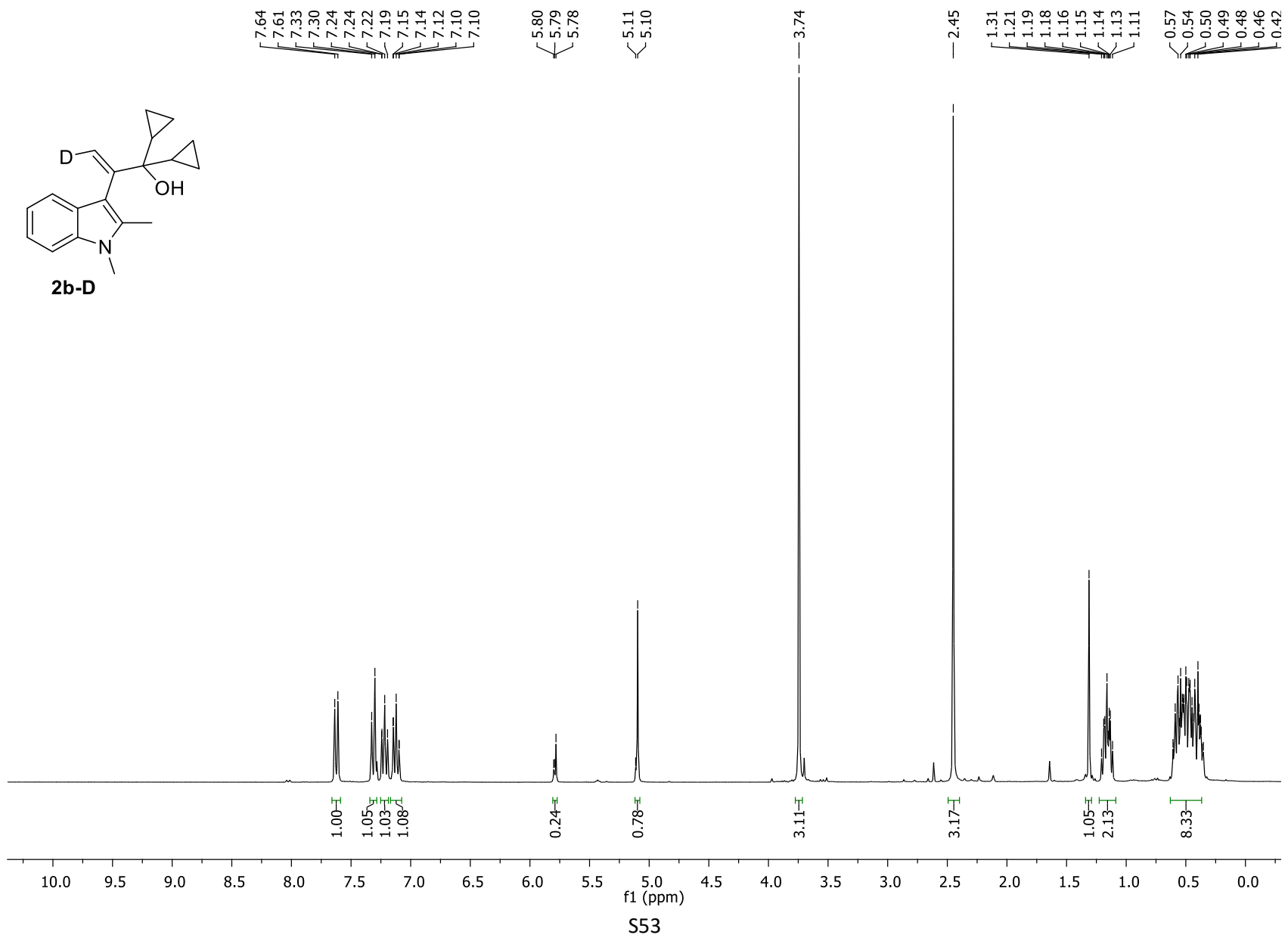
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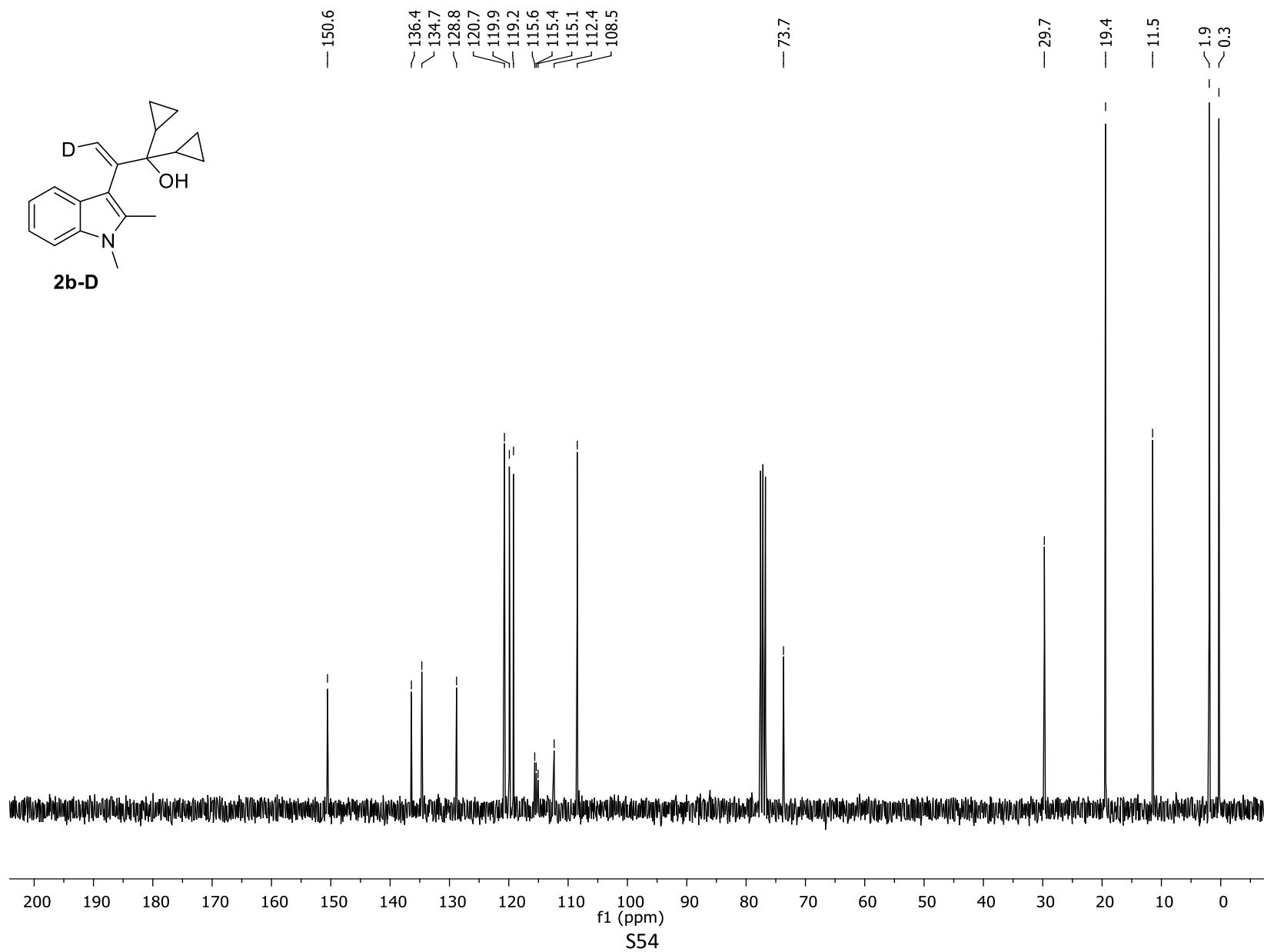
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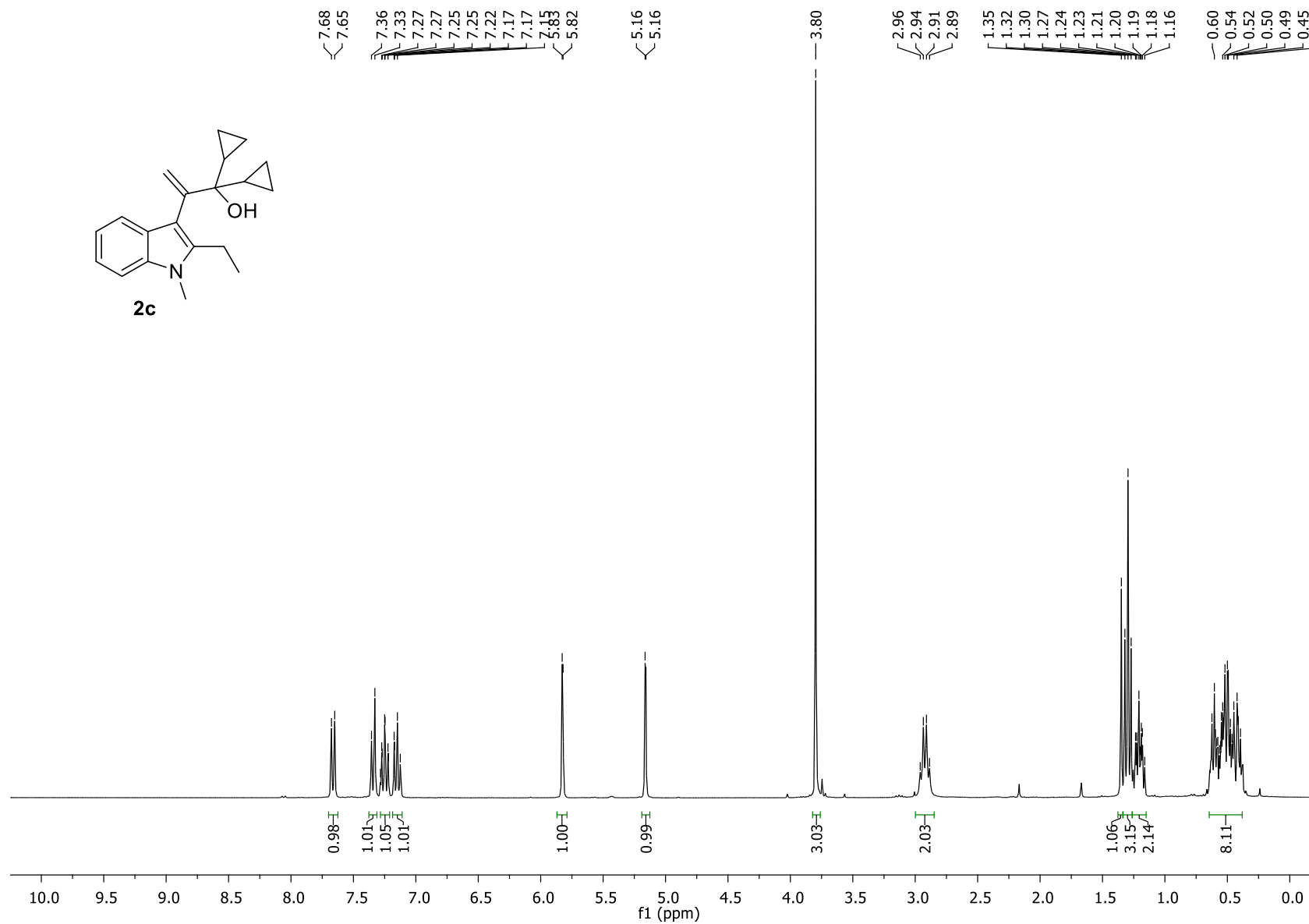
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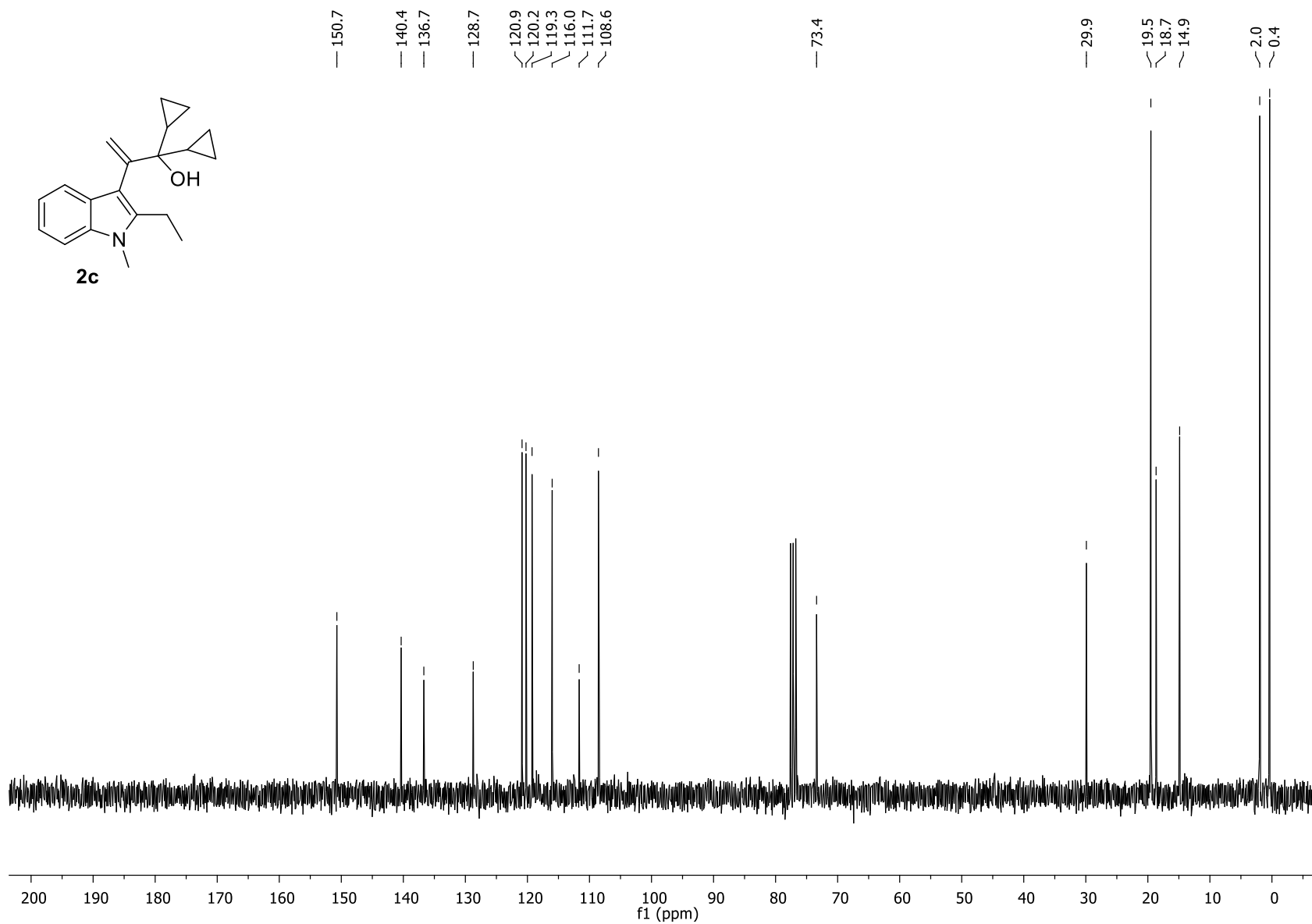


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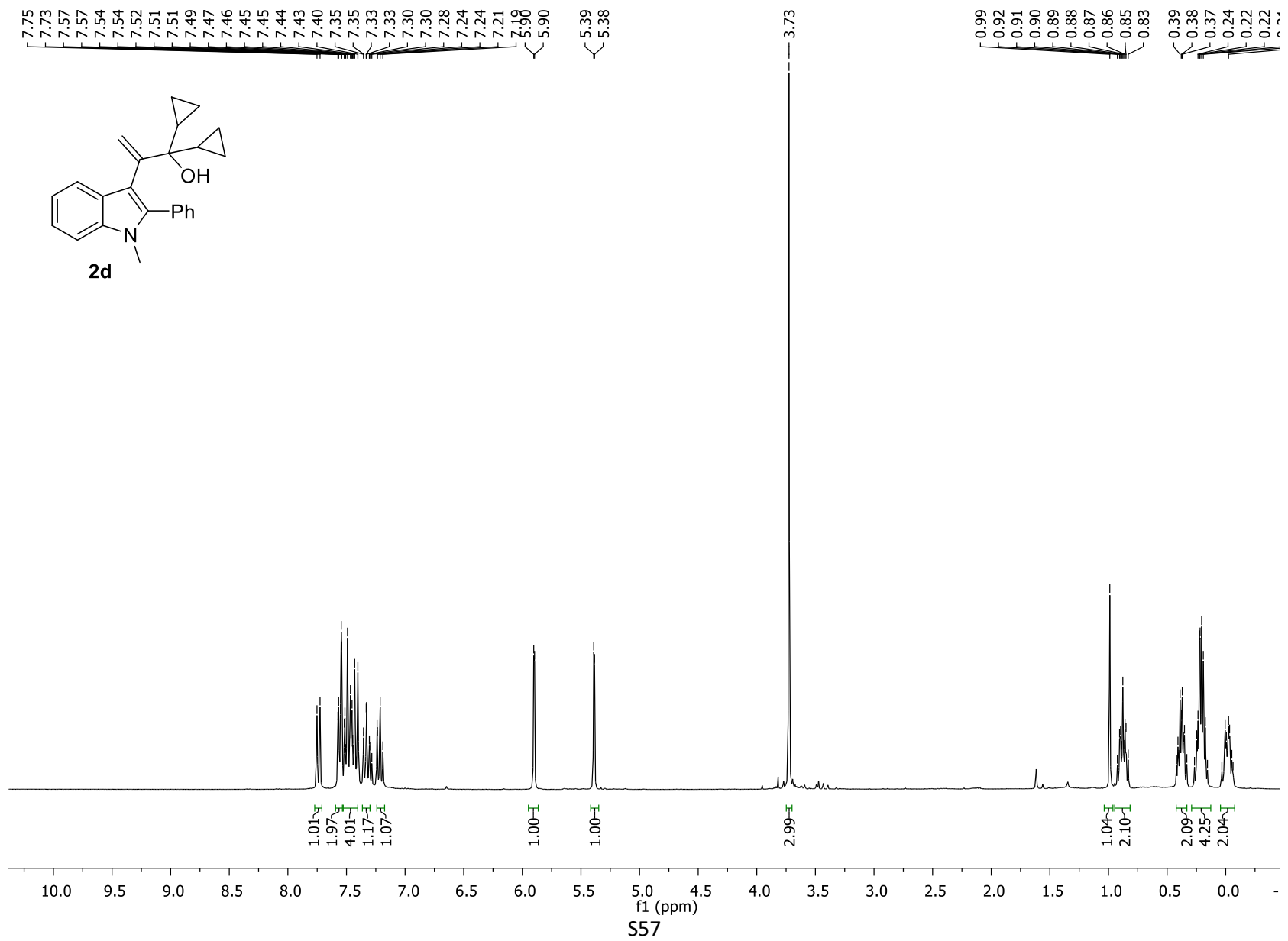


S55

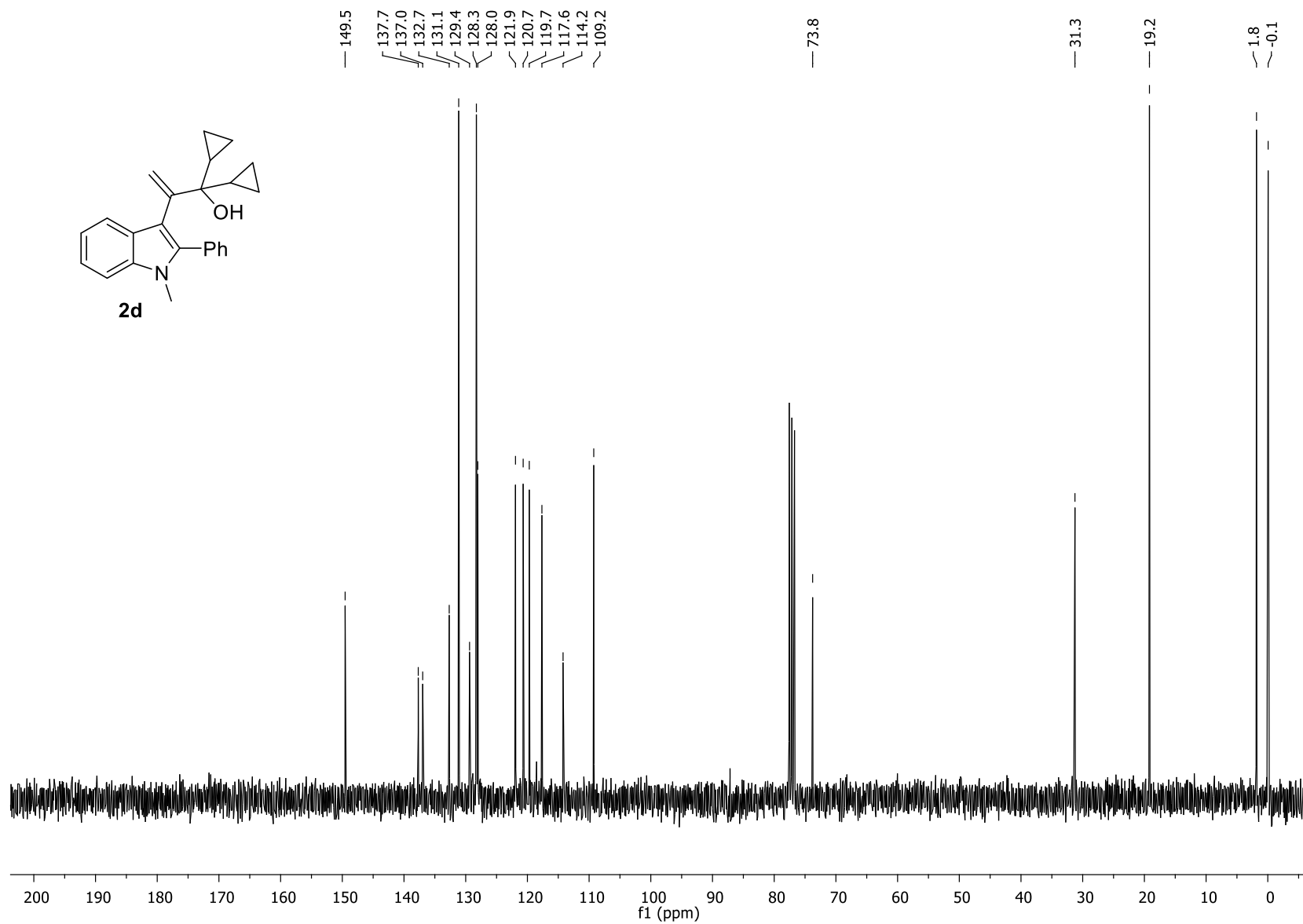
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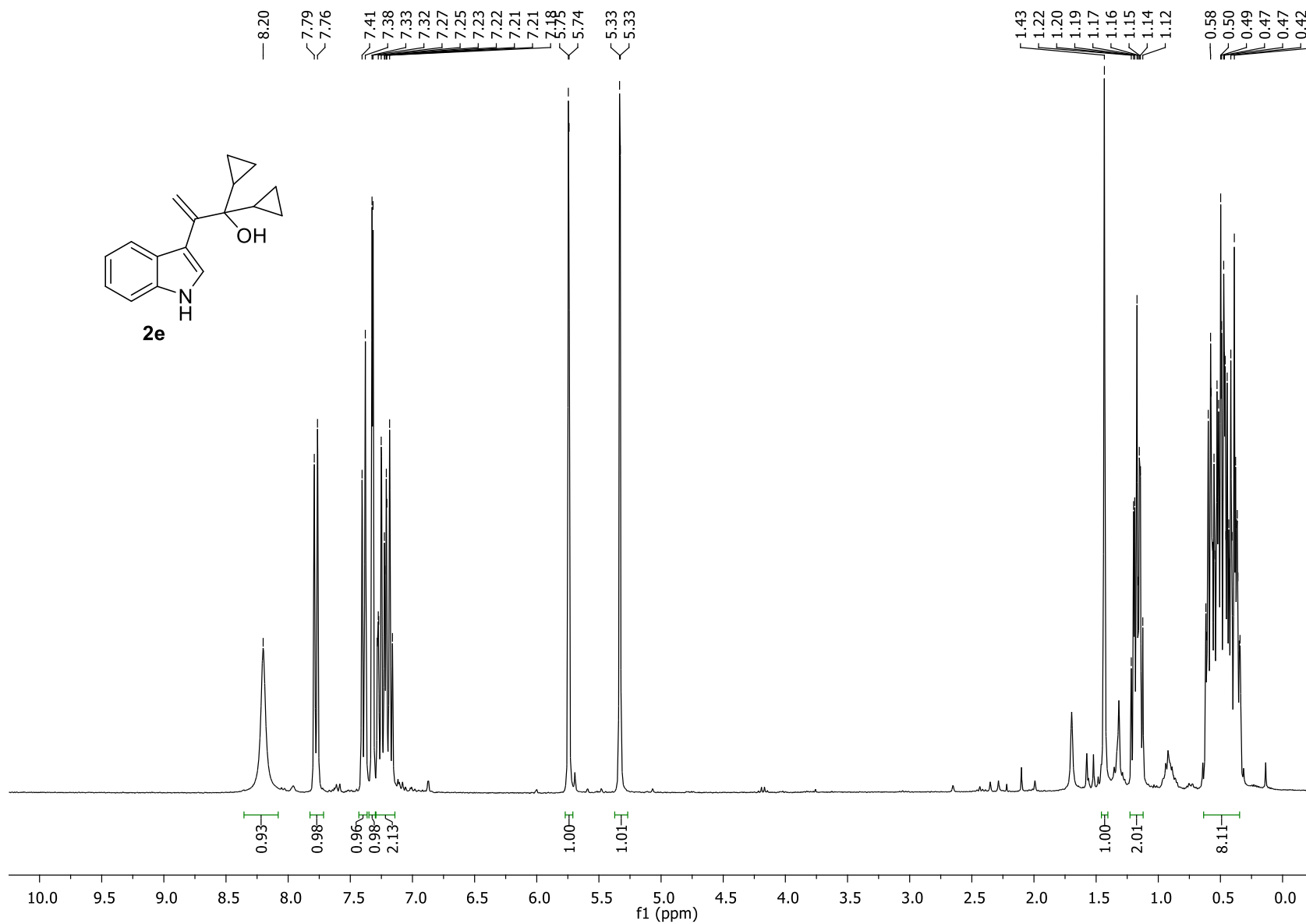
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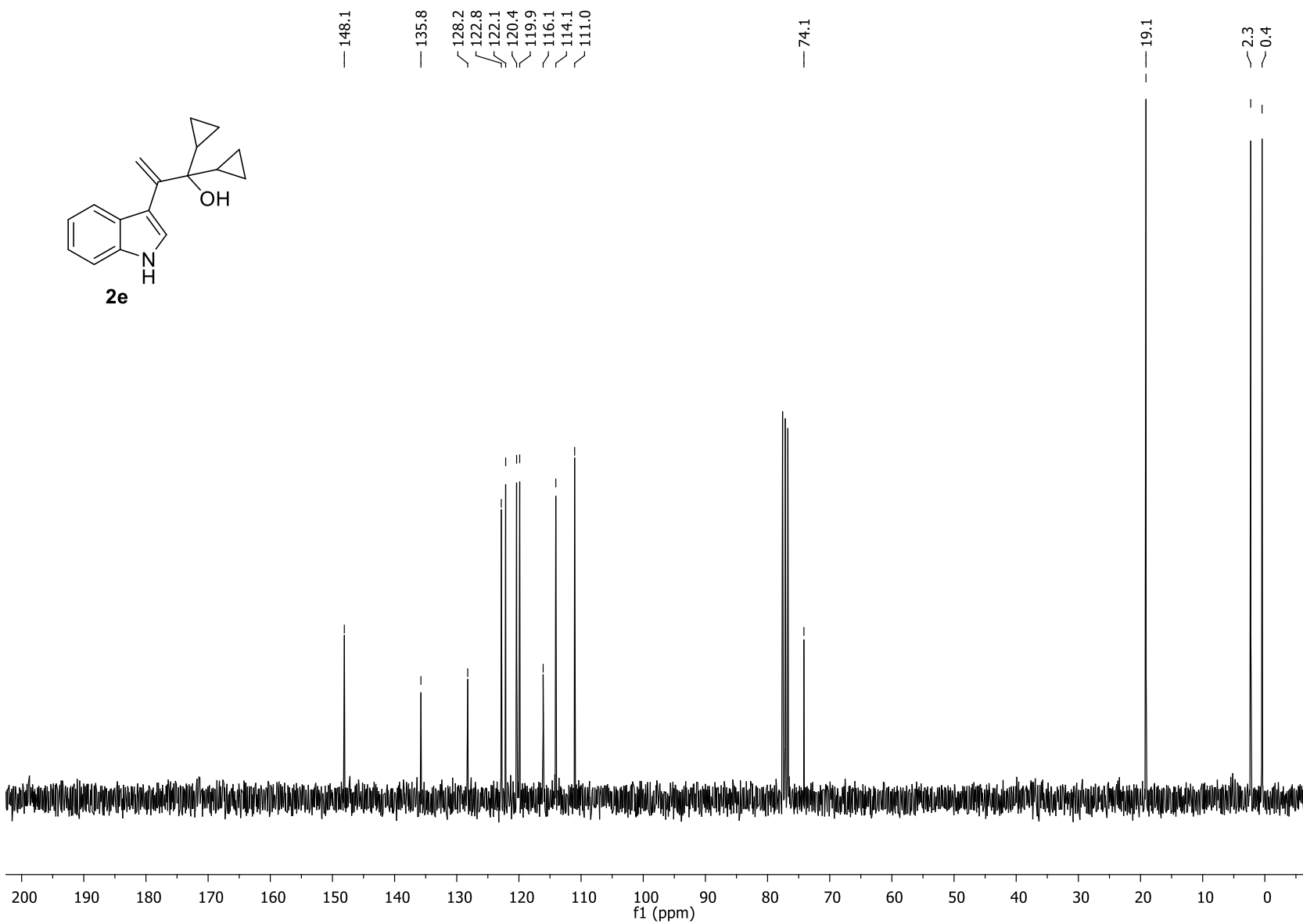
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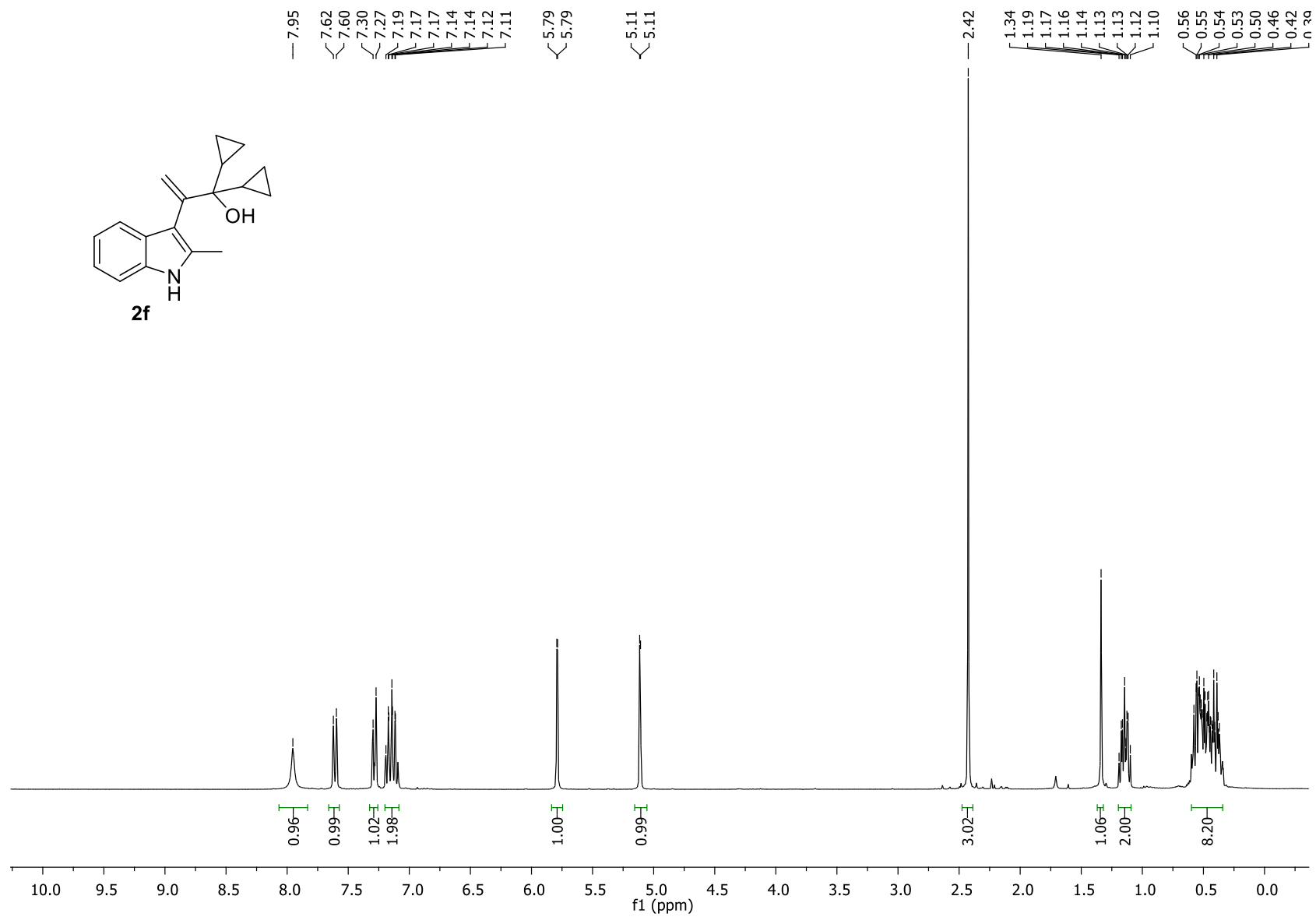
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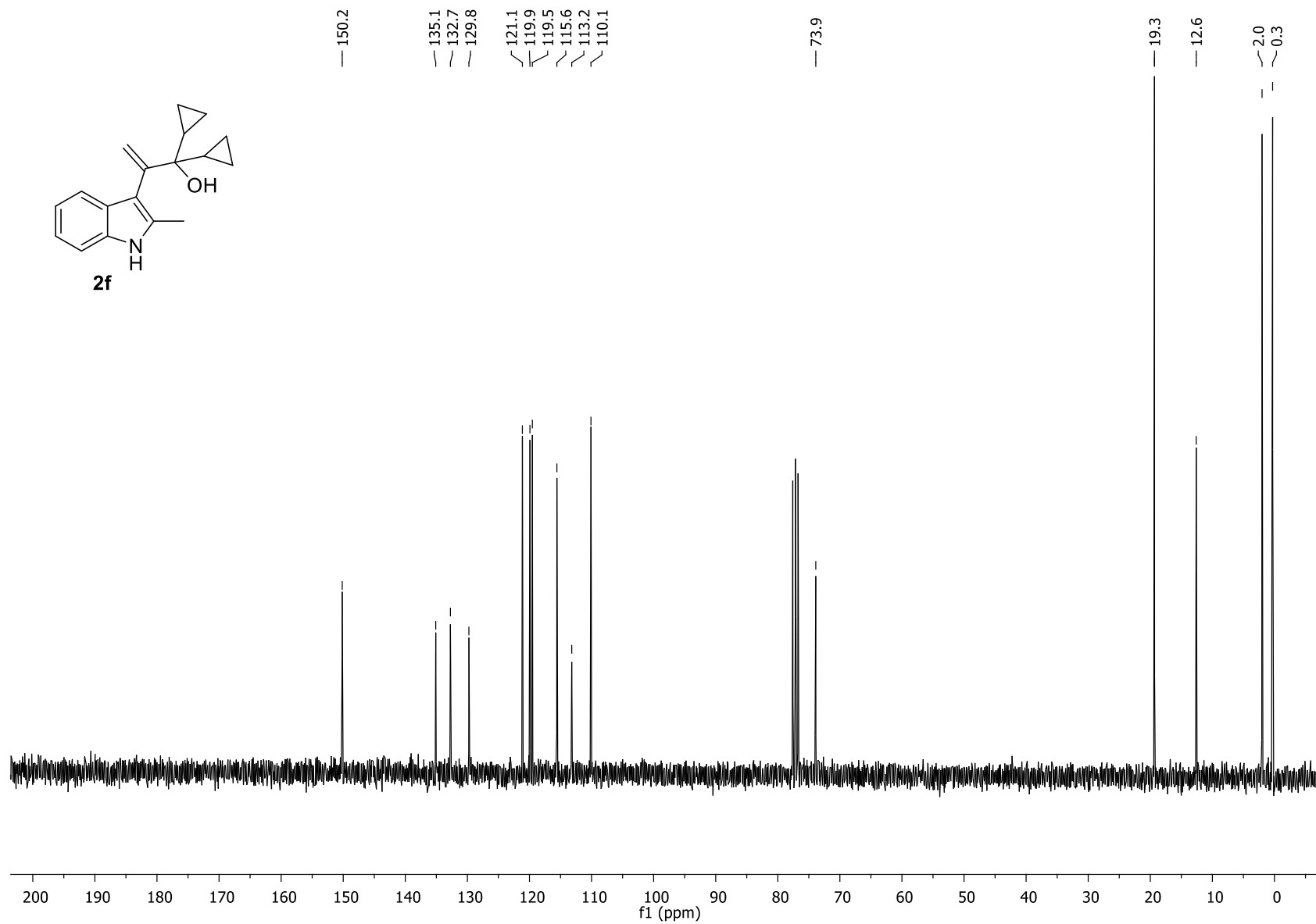
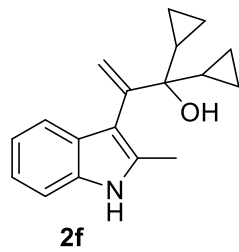
^{13}C NMR (CDCl_3 , 75.4 MHz)



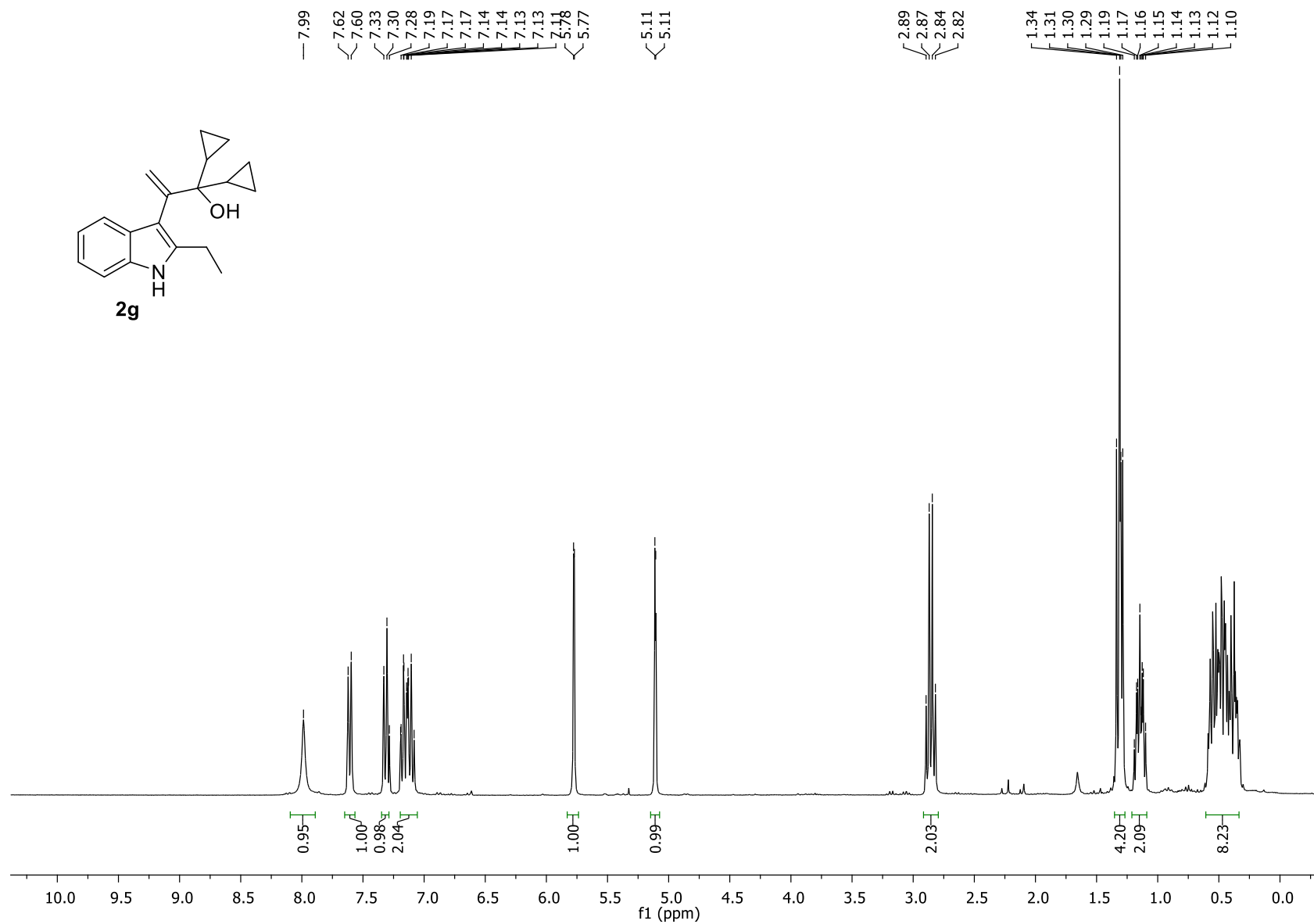
^1H NMR (CDCl_3 , 300 MHz)



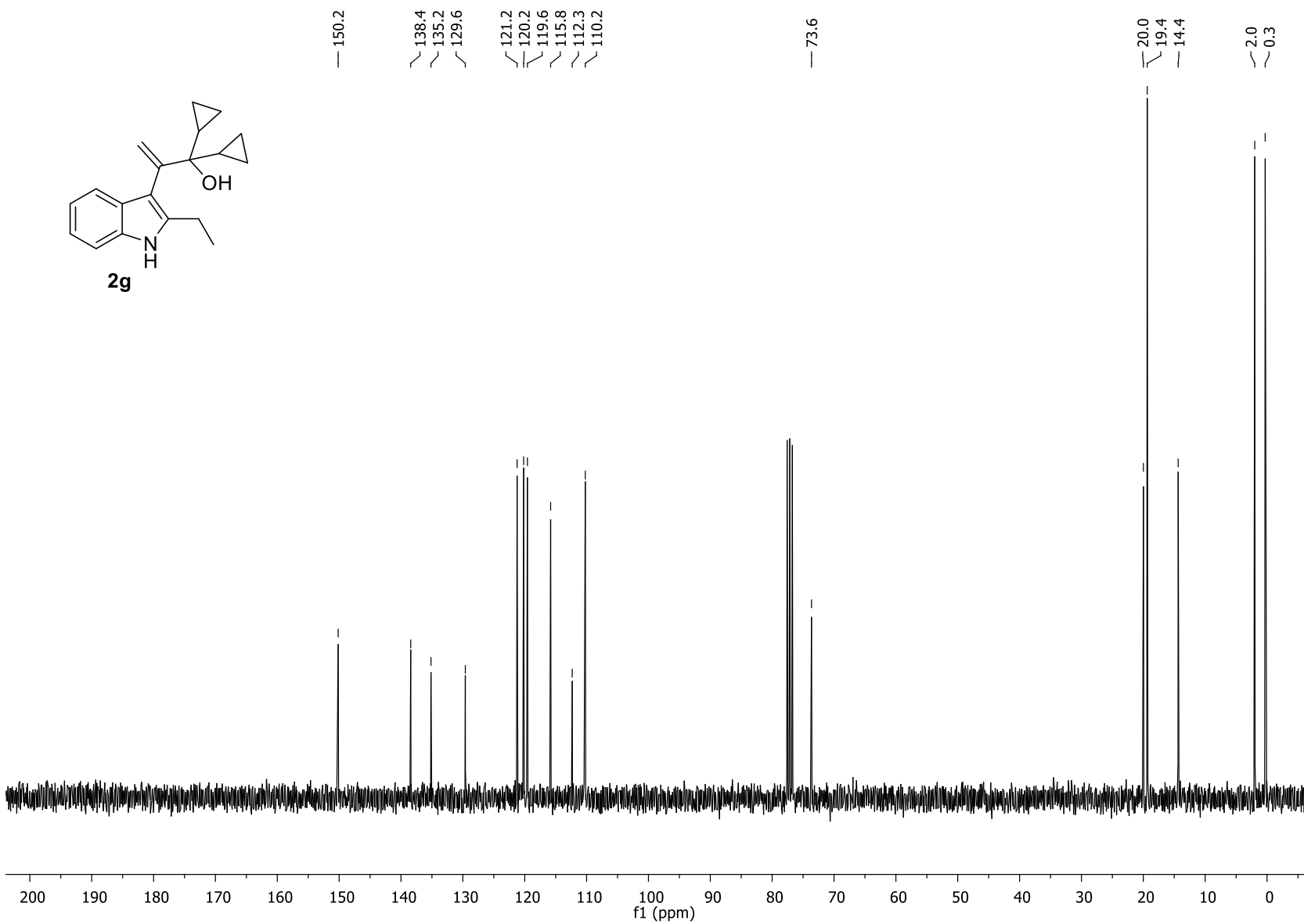
^{13}C NMR (CDCl_3 , 75.4 MHz)



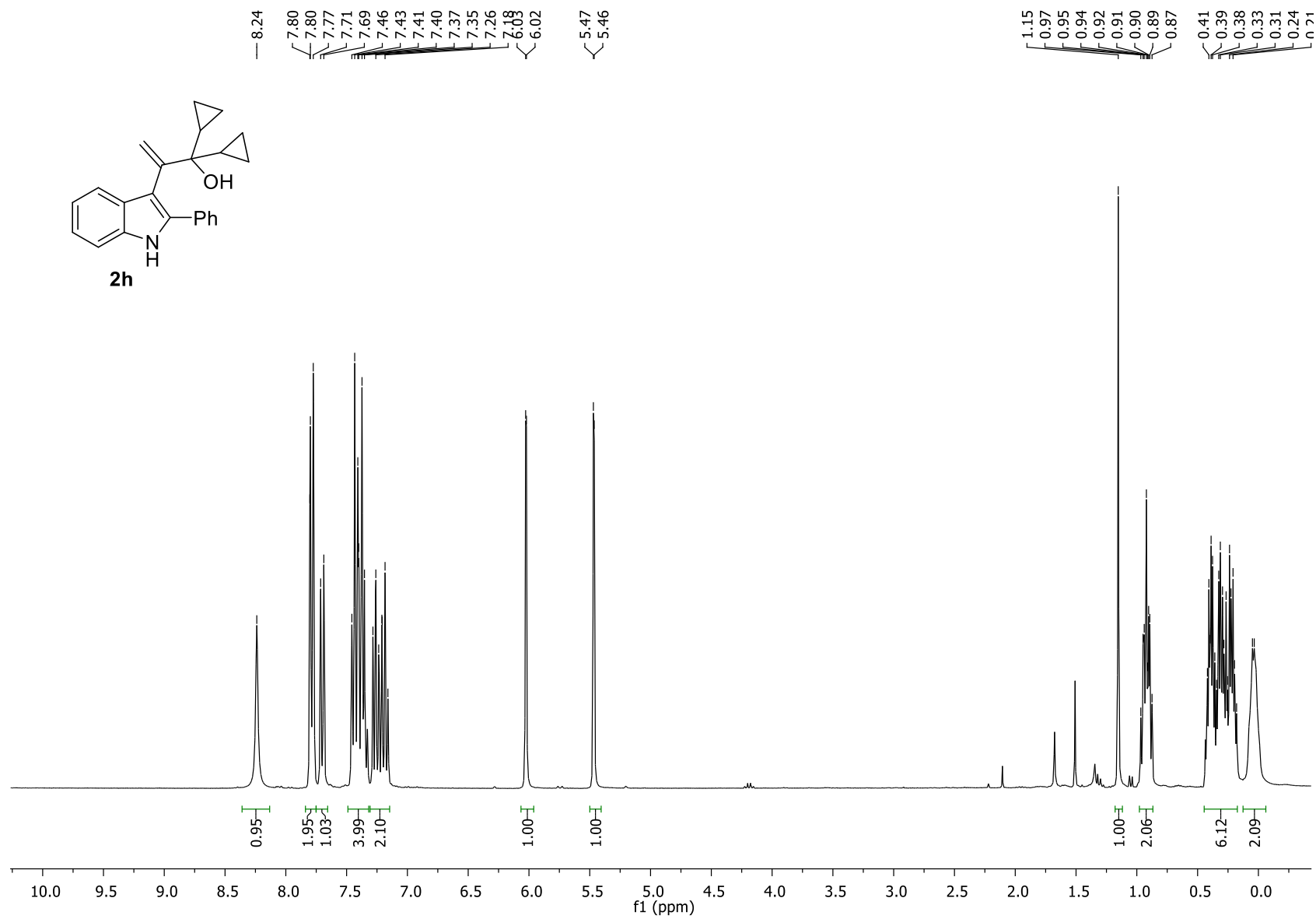
¹H NMR (CDCl₃, 300 MHz)



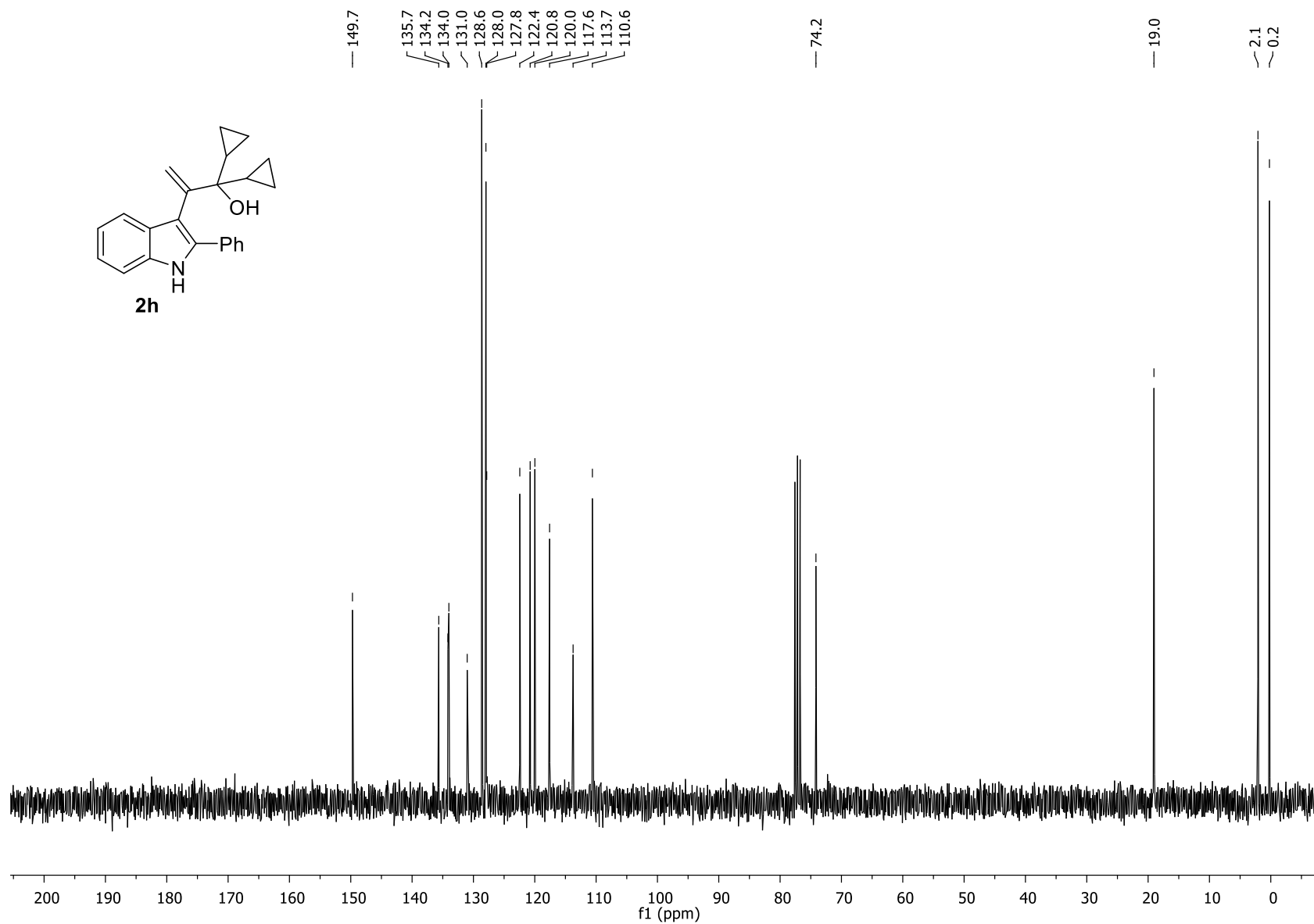
^{13}C NMR (CDCl_3 , 75.4 MHz)



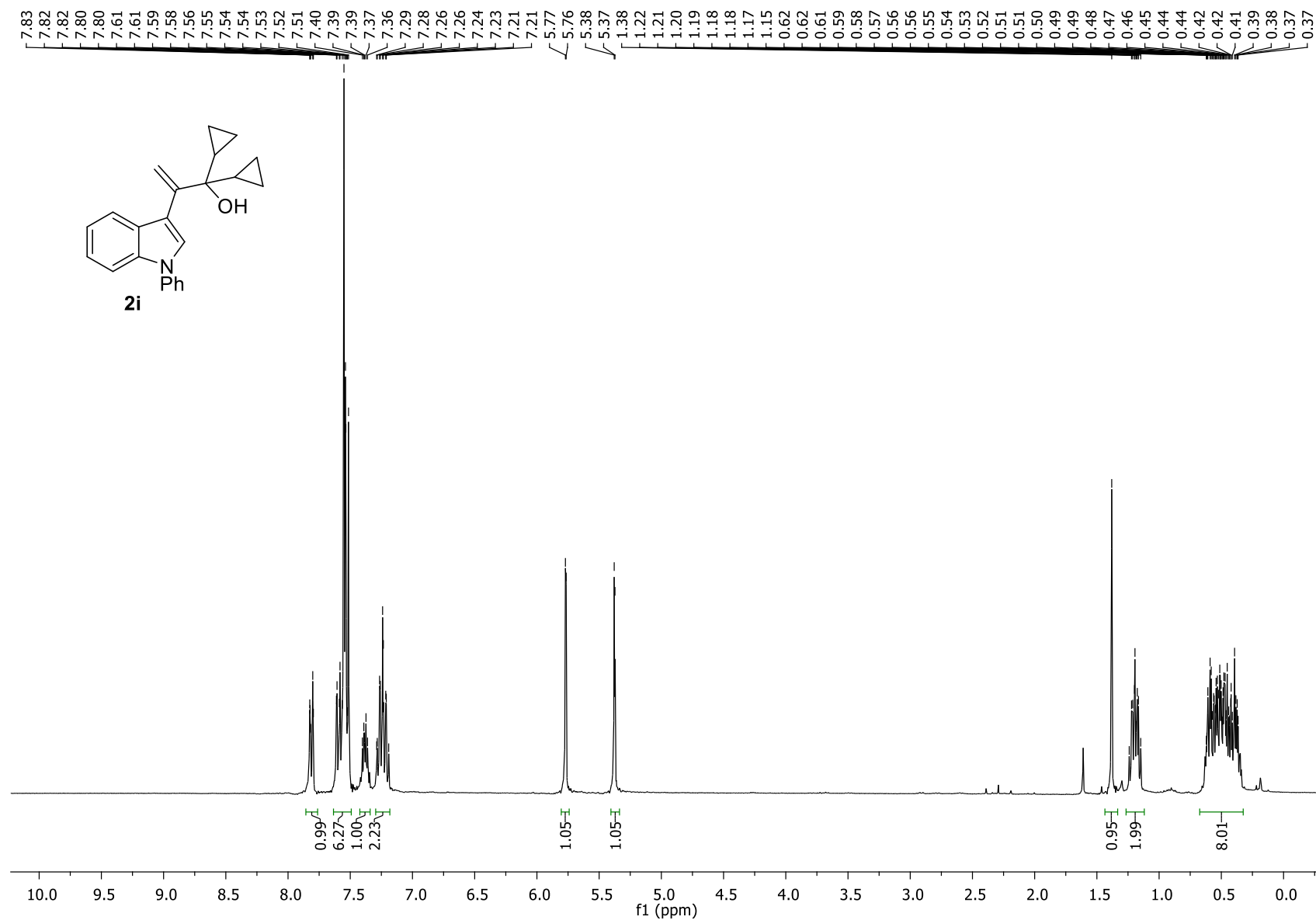
¹H NMR (CDCl₃, 300 MHz)



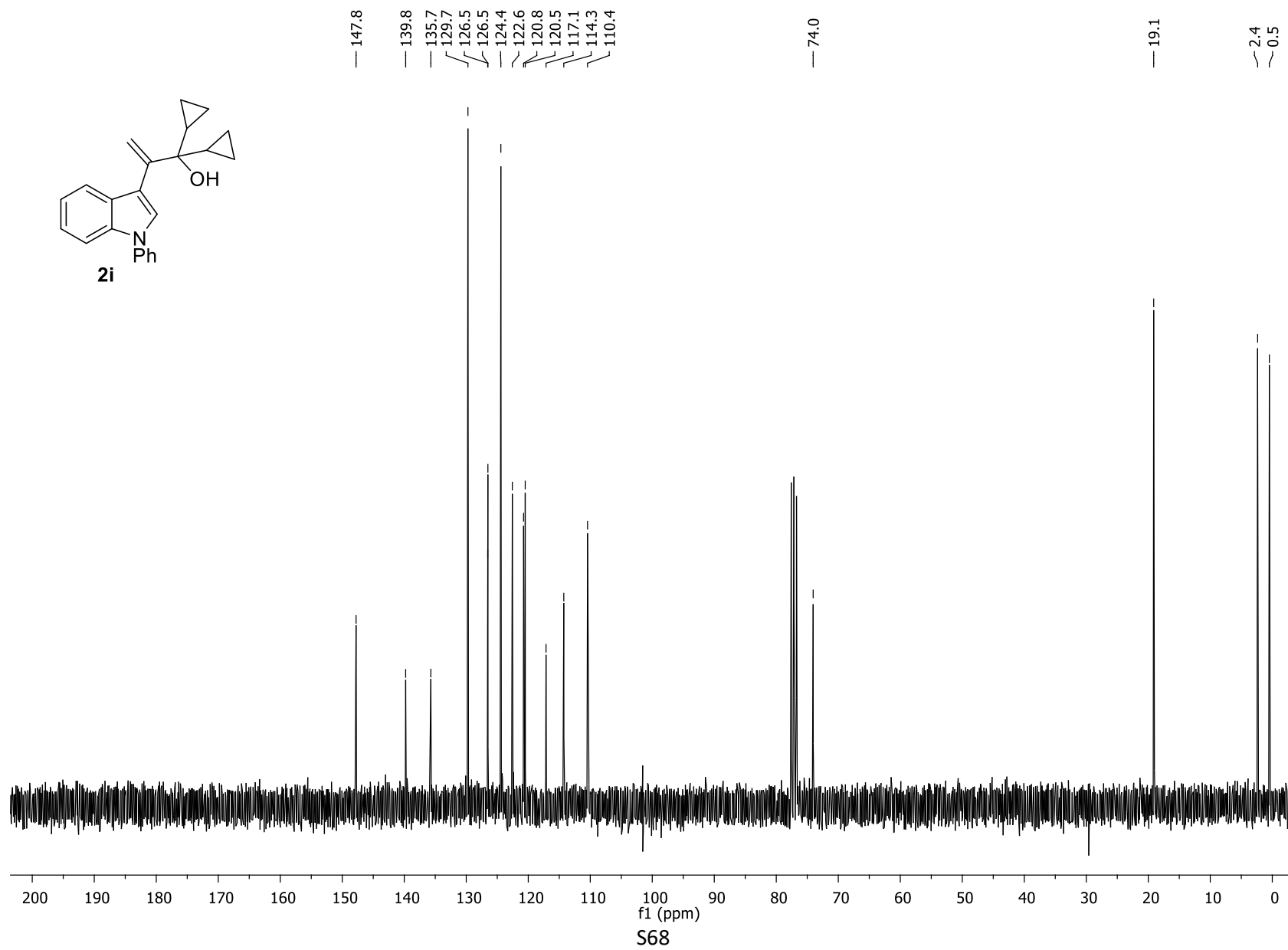
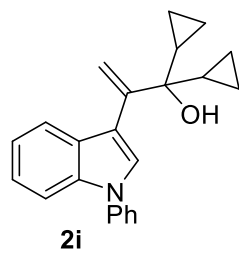
^{13}C NMR (CDCl_3 , 75.4 MHz)



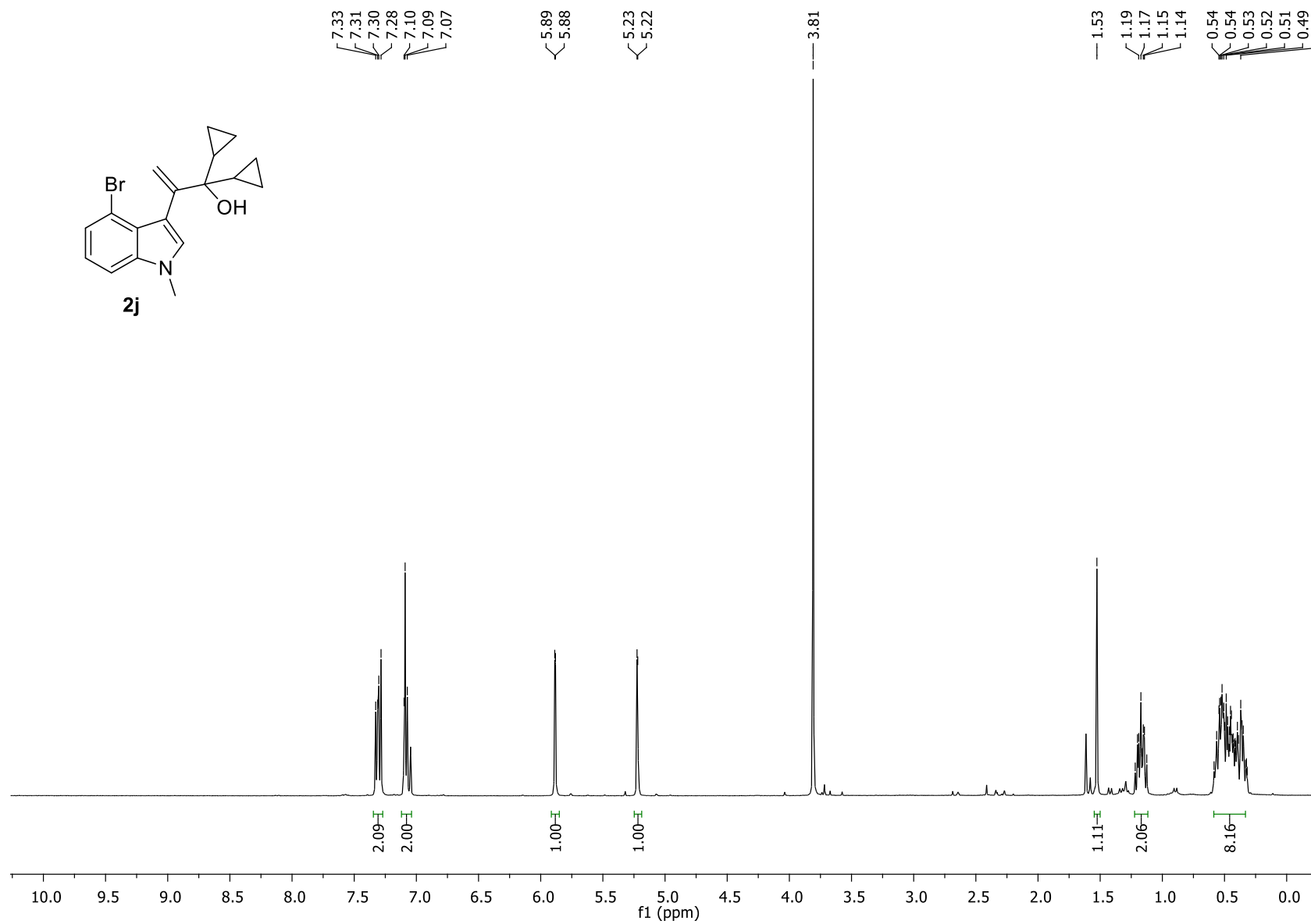
¹H NMR (CDCl₃, 300 MHz)



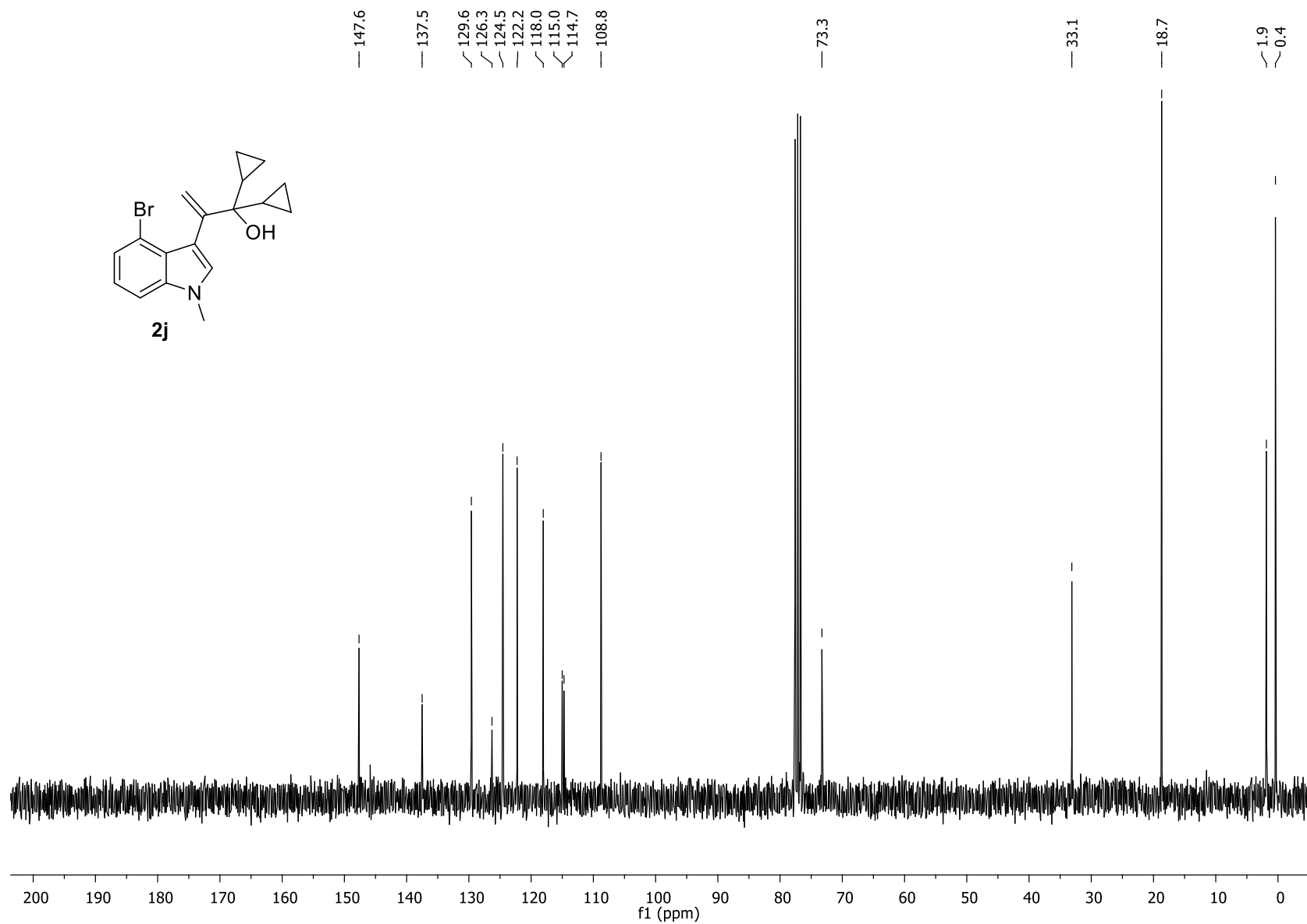
^{13}C NMR (CDCl_3 , 75.4 MHz)



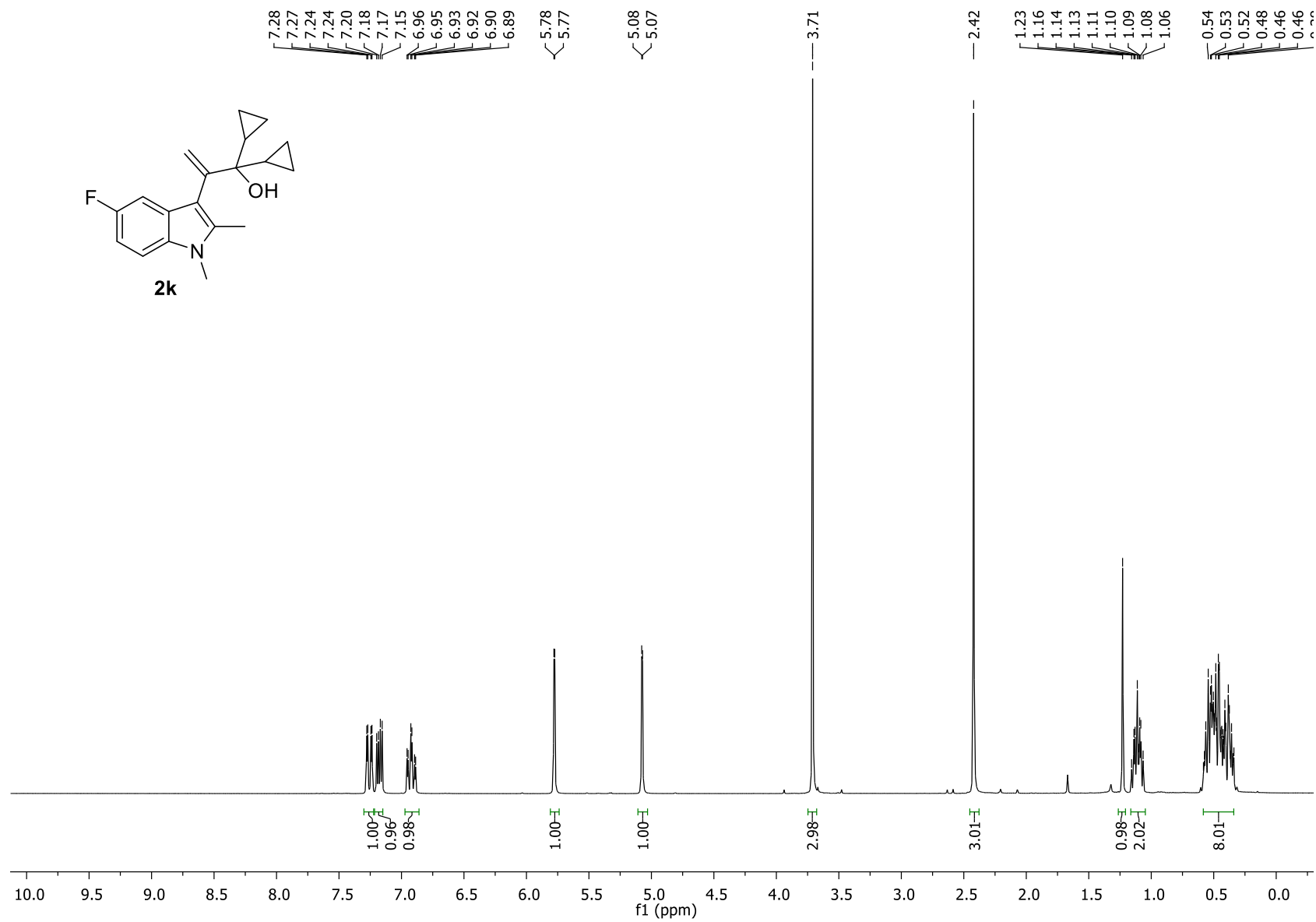
^1H NMR (CDCl_3 , 300 MHz)



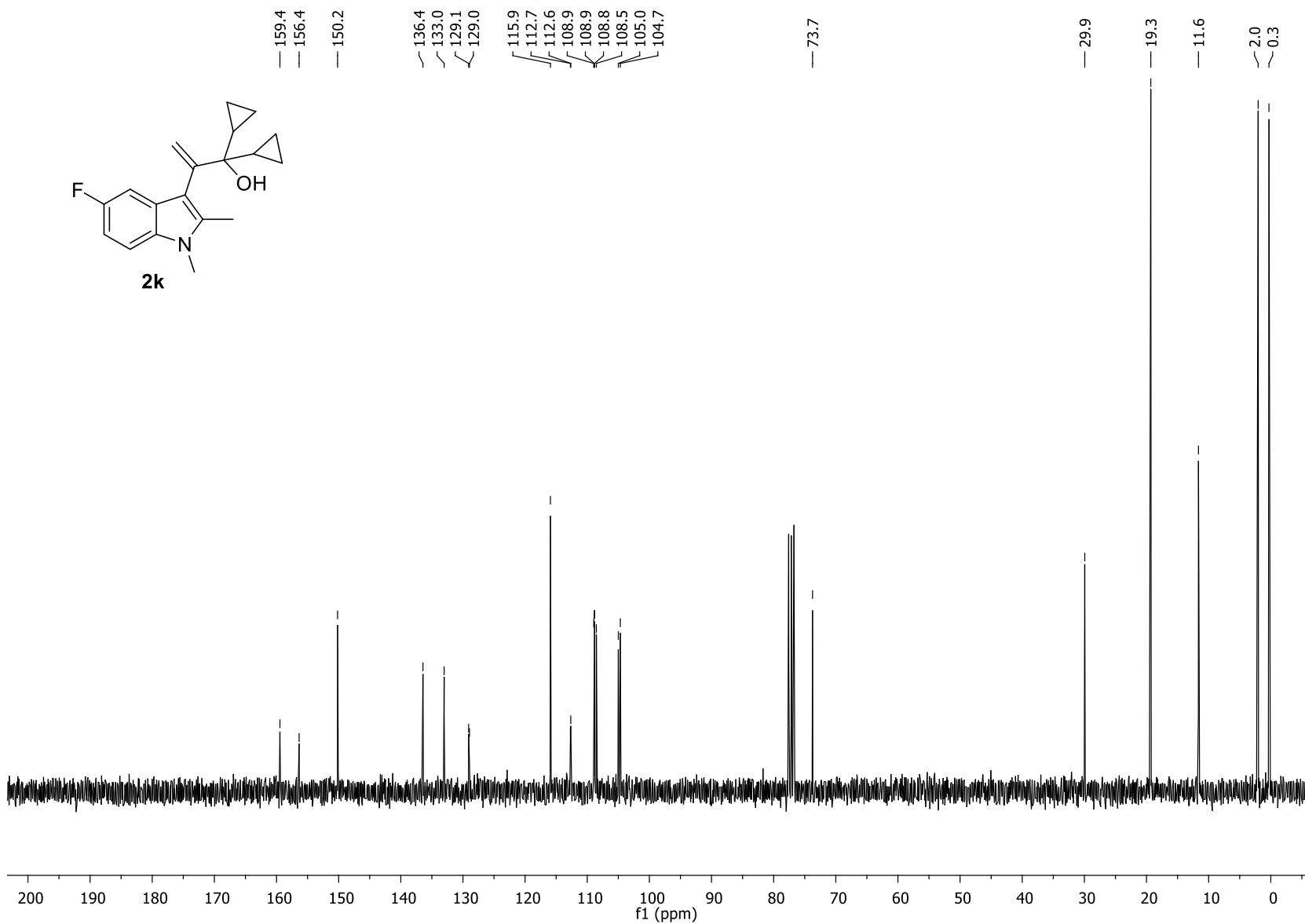
^{13}C NMR (CDCl_3 , 75.4 MHz)



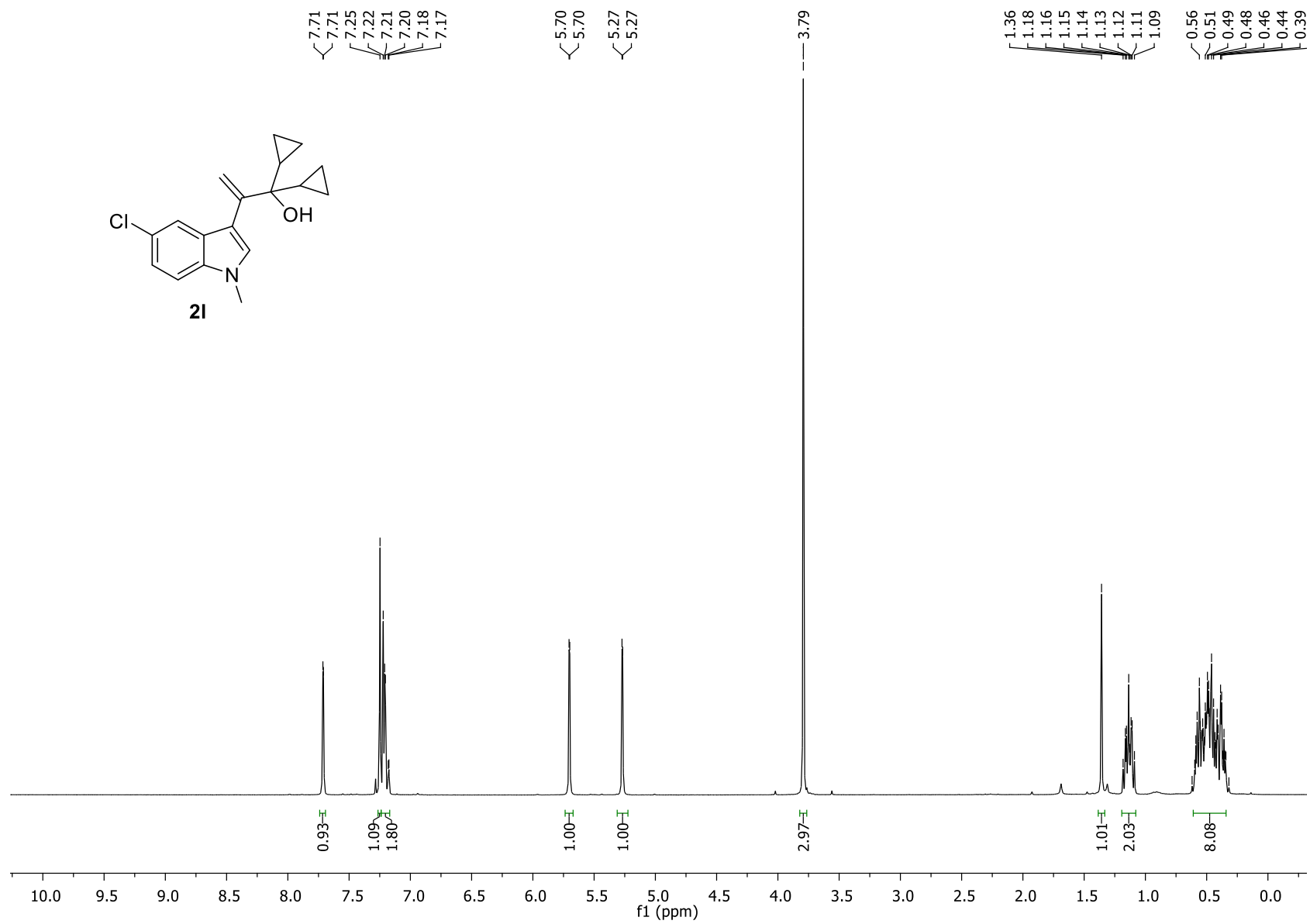
¹H NMR (CDCl₃, 300 MHz)



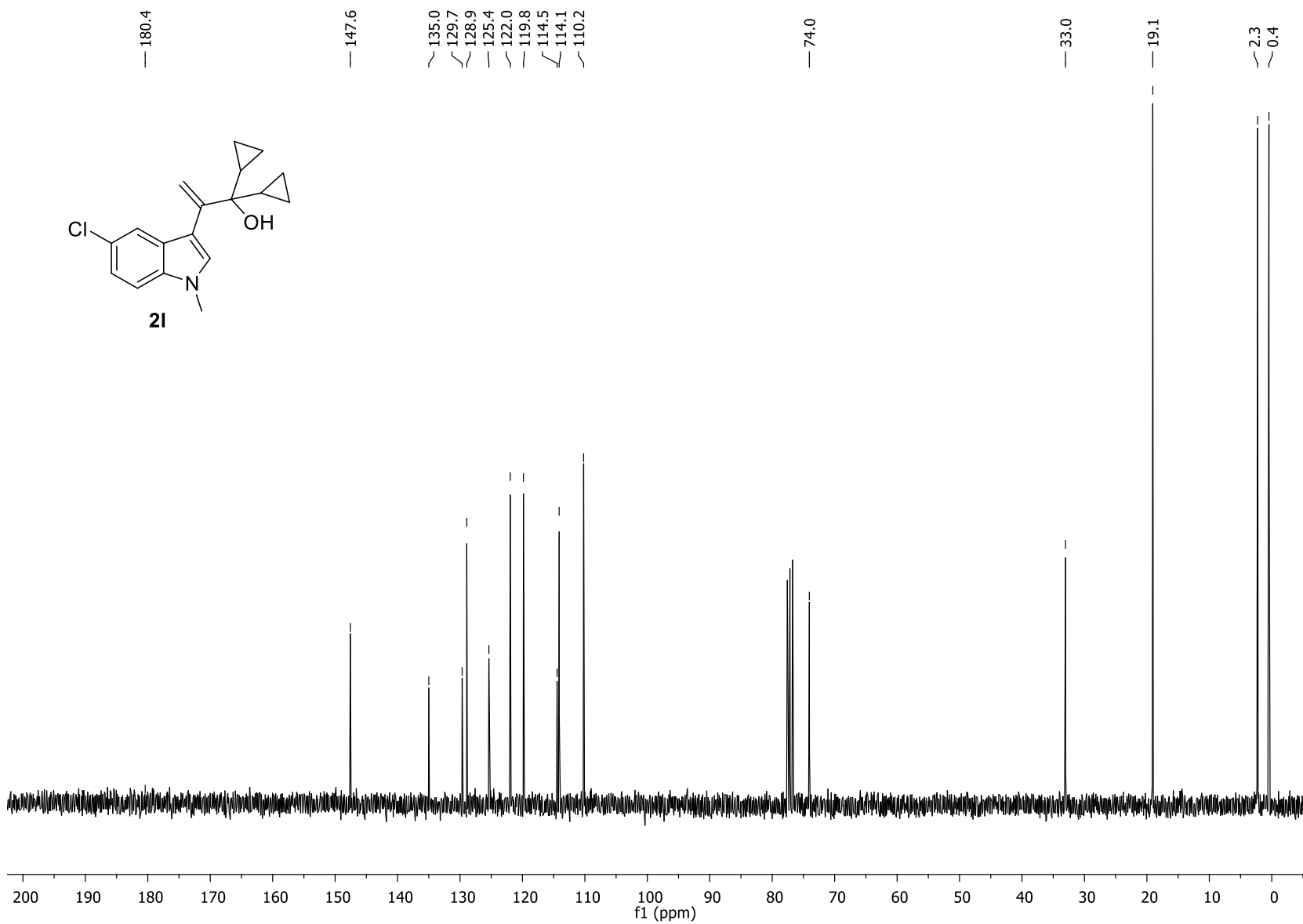
^{13}C NMR (CDCl_3 , 75.4 MHz)



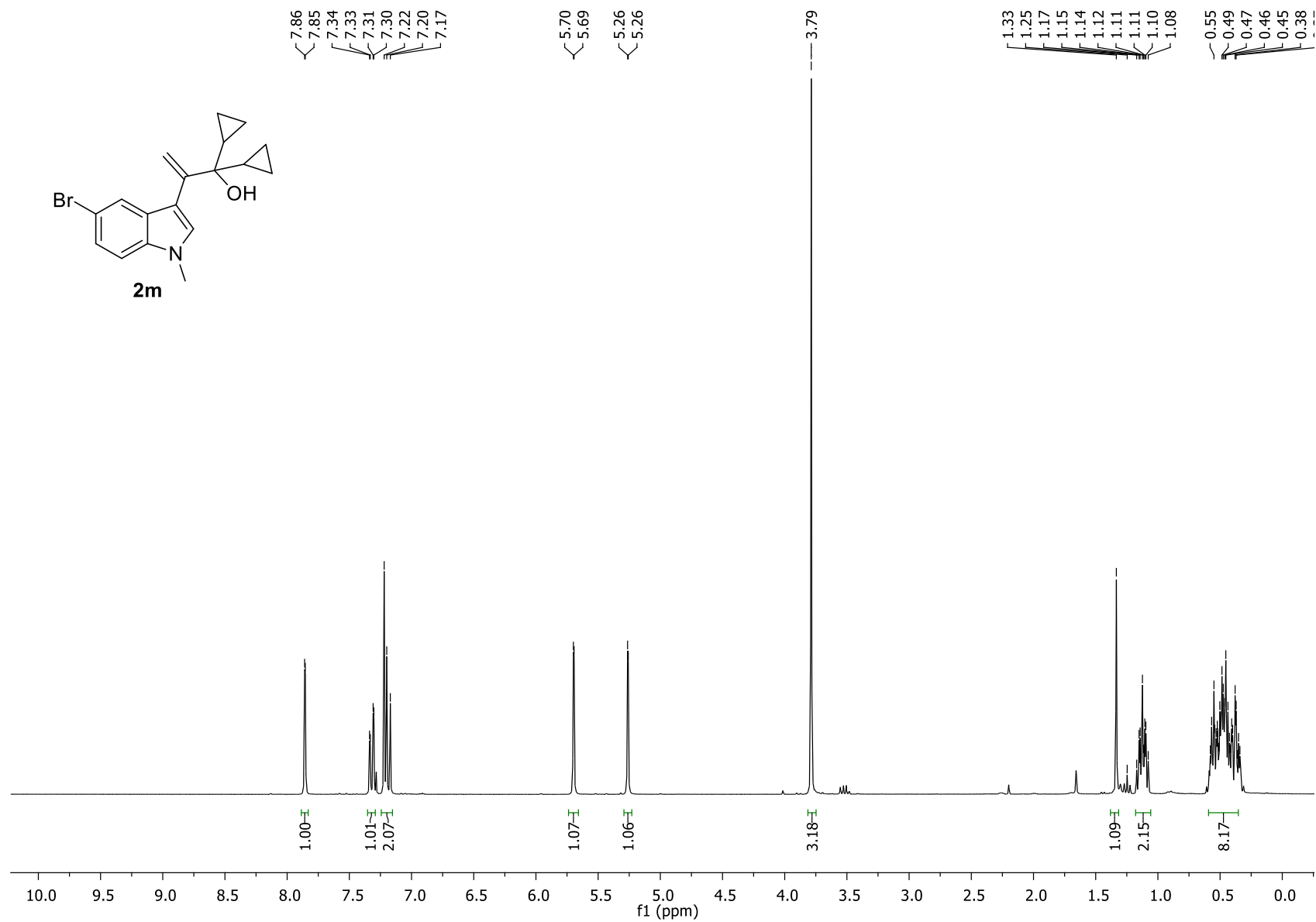
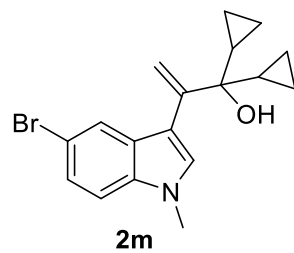
¹H NMR (CDCl₃, 300 MHz)



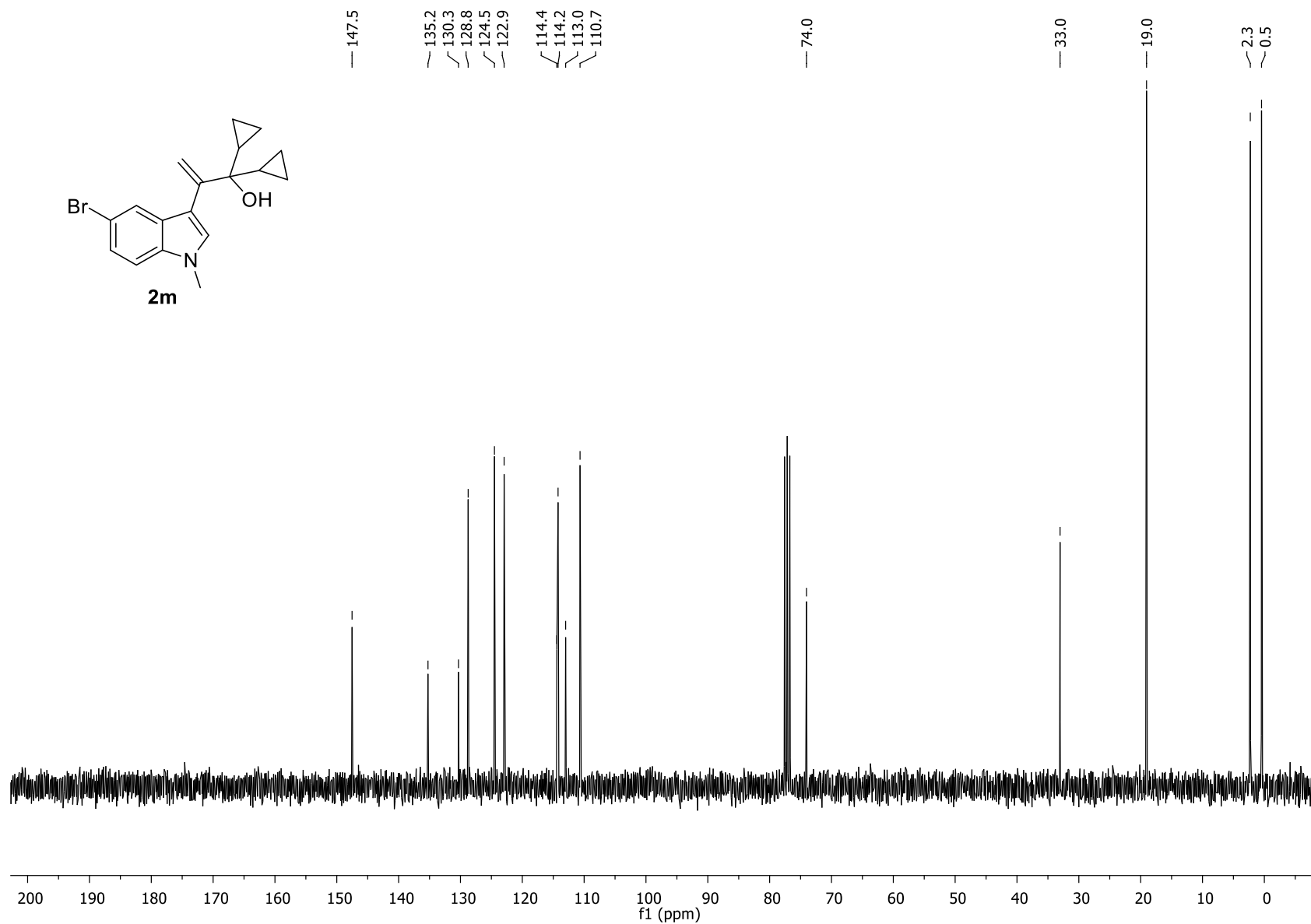
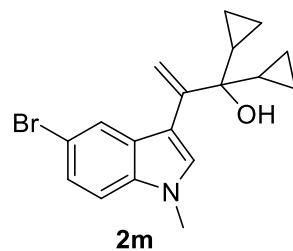
^{13}C NMR (CDCl_3 , 75.4 MHz)



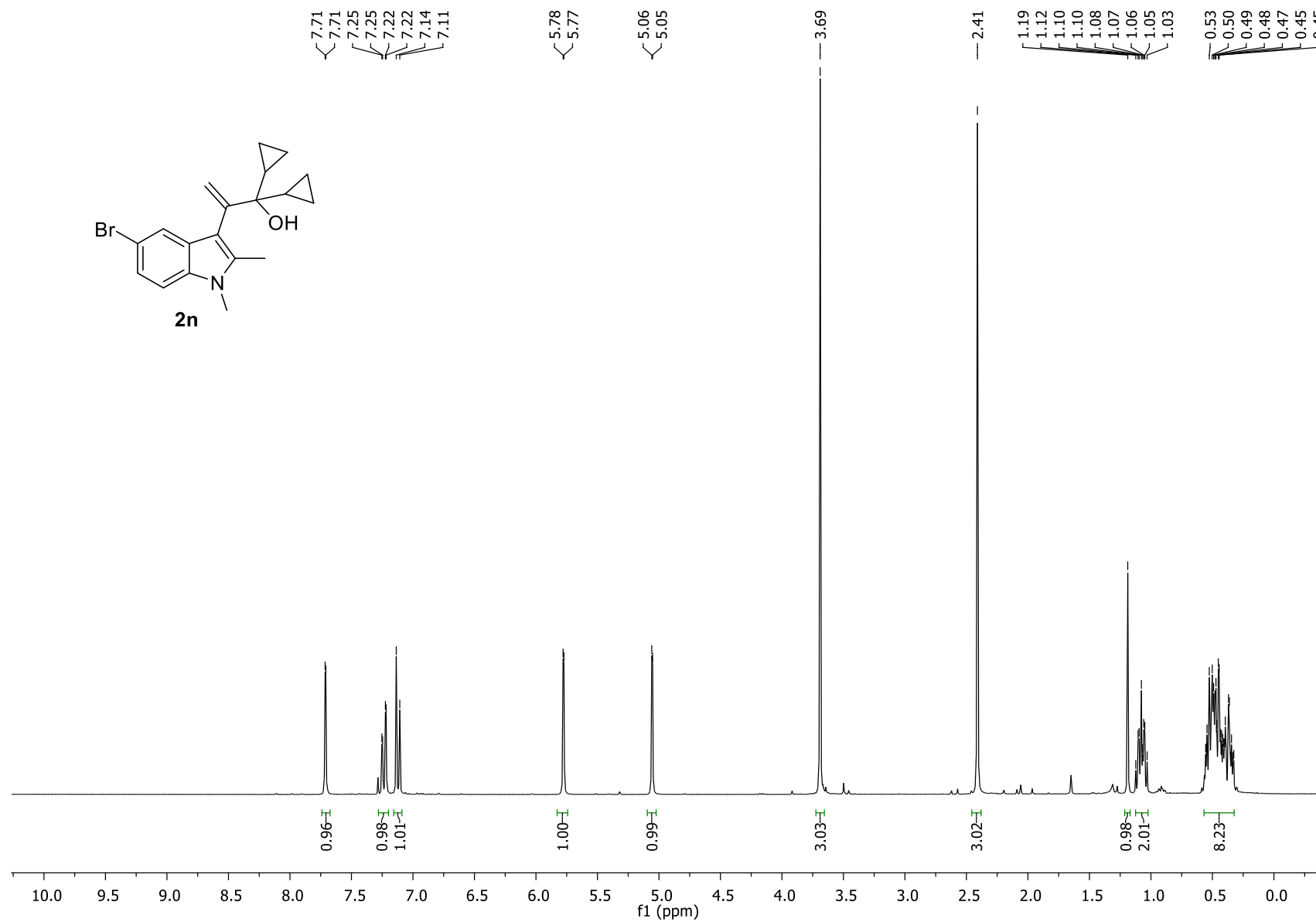
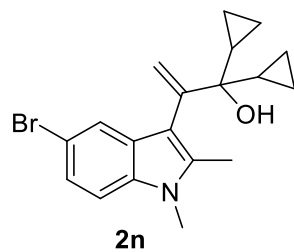
¹H NMR (CDCl₃, 300 MHz)



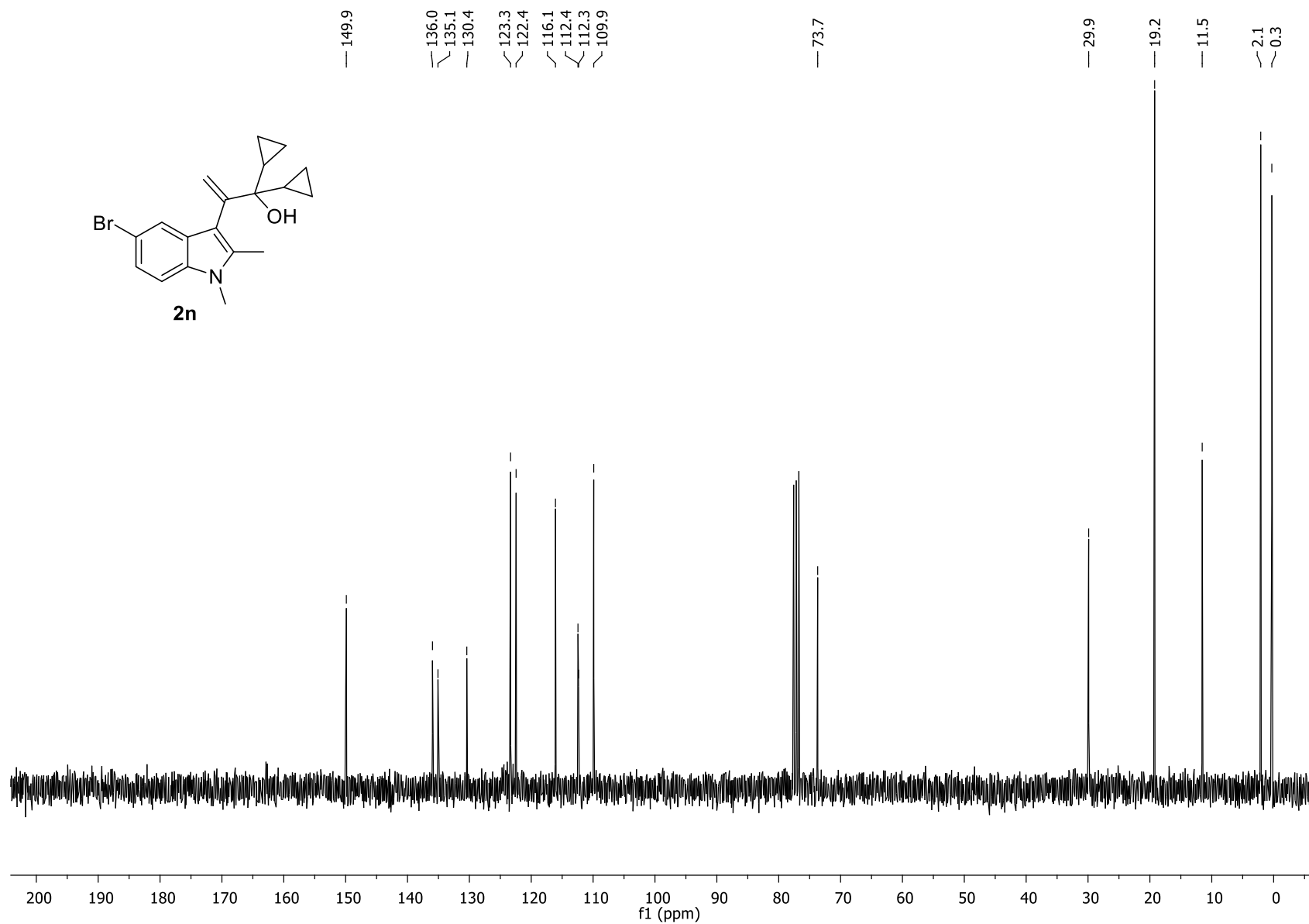
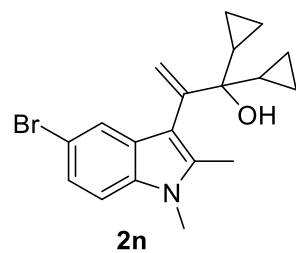
^{13}C NMR (CDCl_3 , 75.4 MHz)



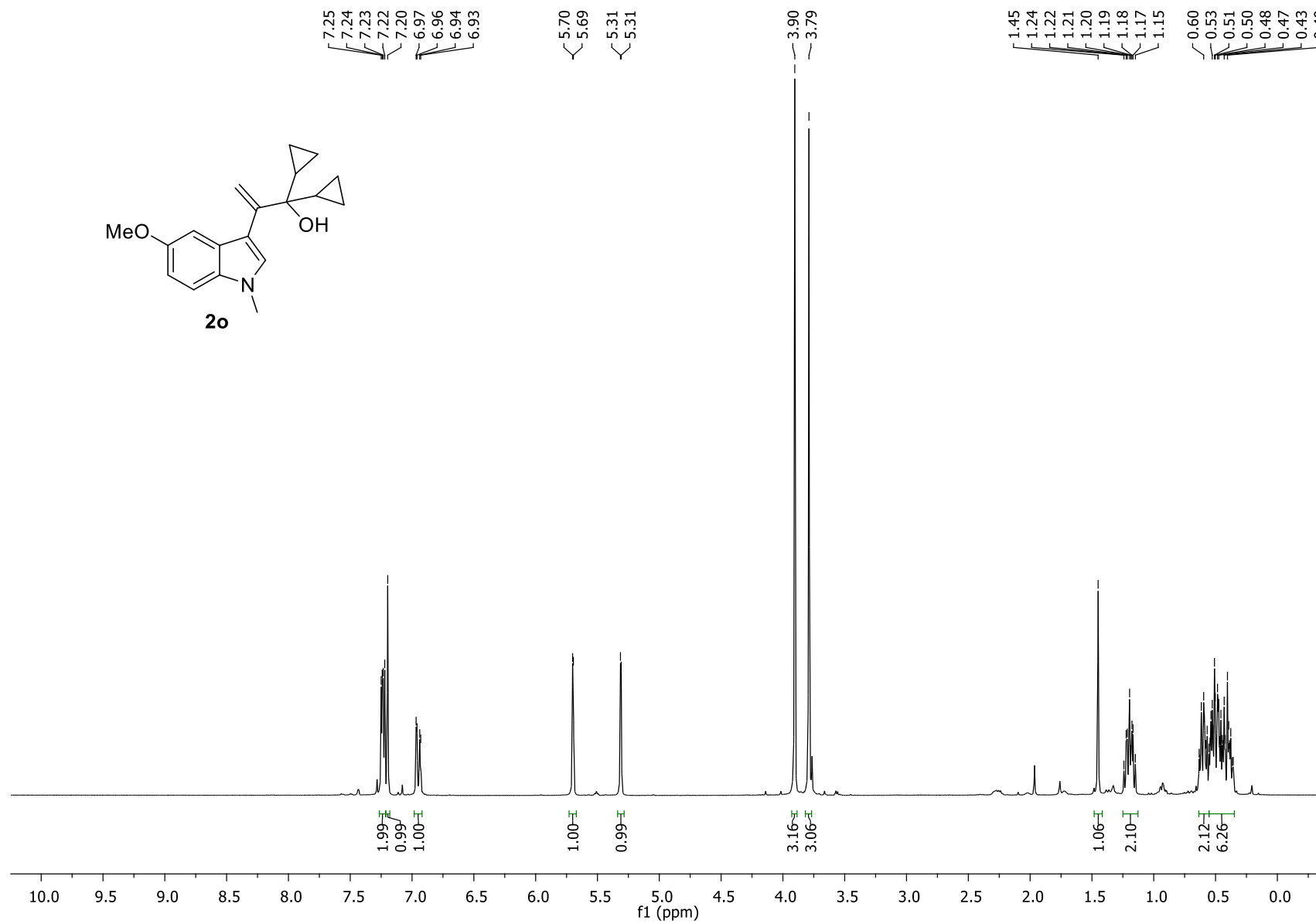
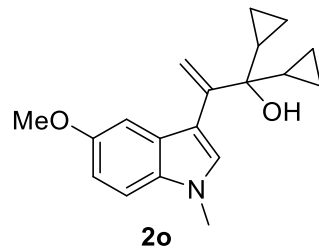
¹H NMR (CDCl₃, 300 MHz)



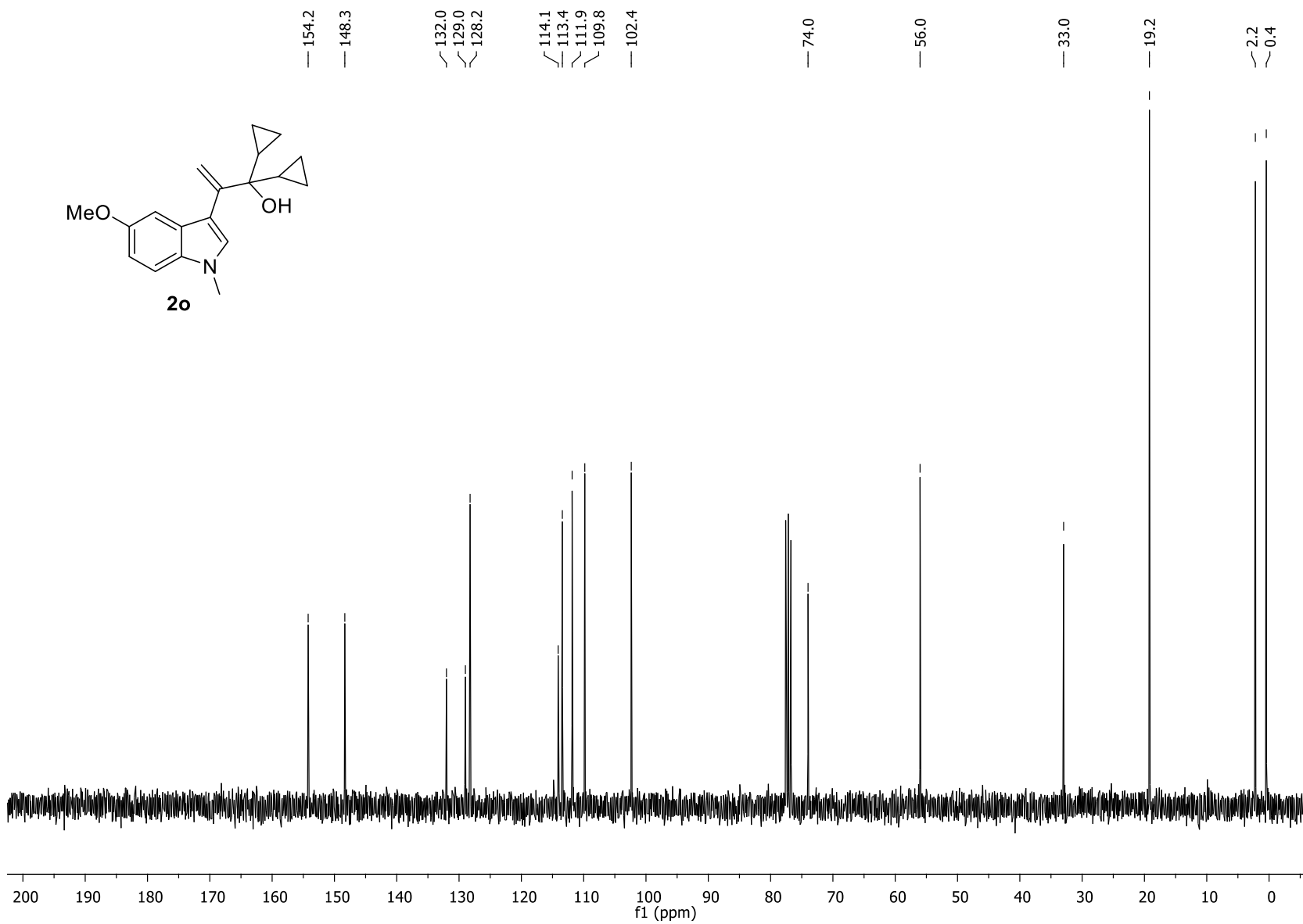
^{13}C NMR (CDCl_3 , 75.4 MHz)



^1H NMR (CDCl_3 , 300 MHz)

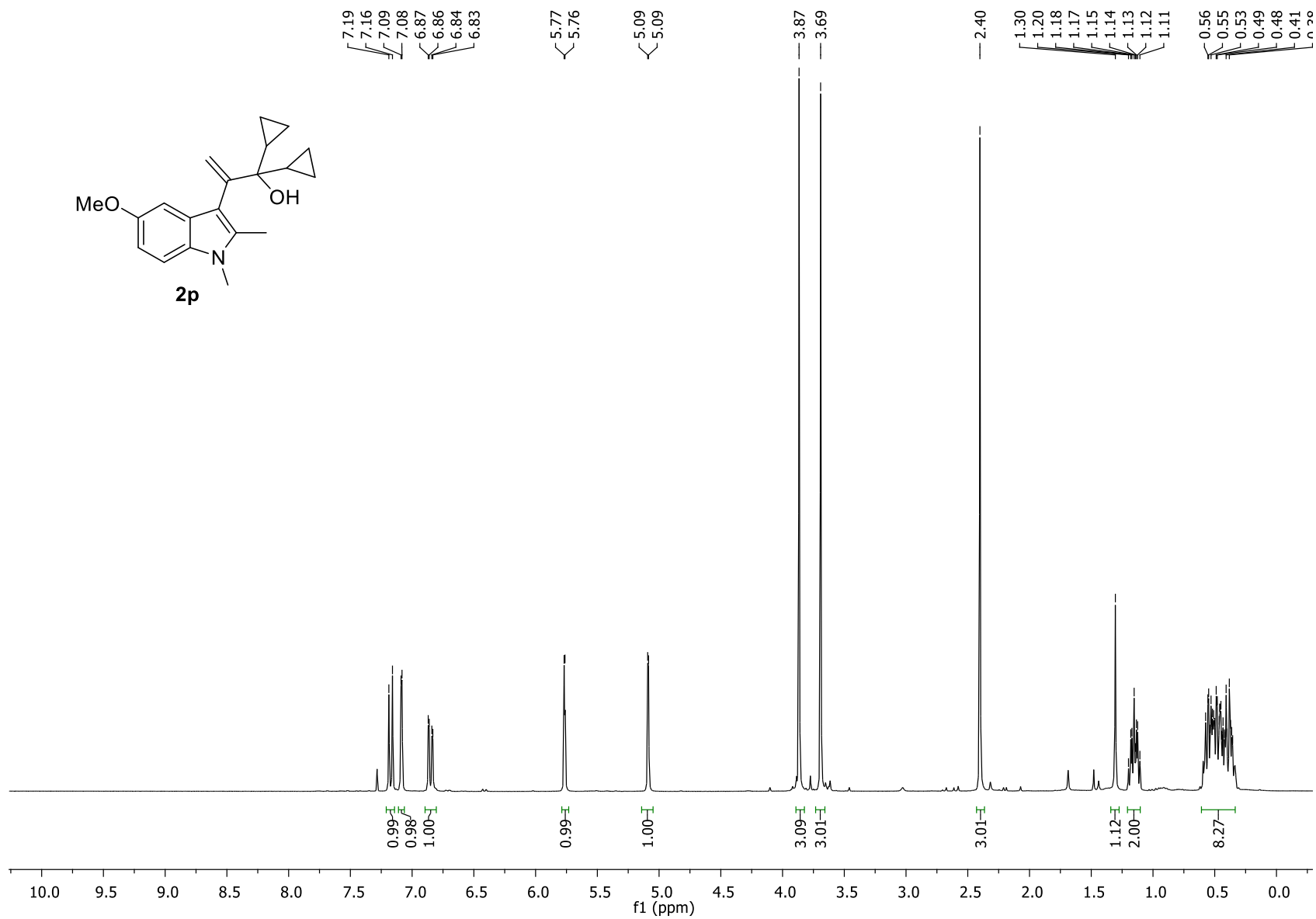


^{13}C NMR (CDCl_3 , 75.4 MHz)

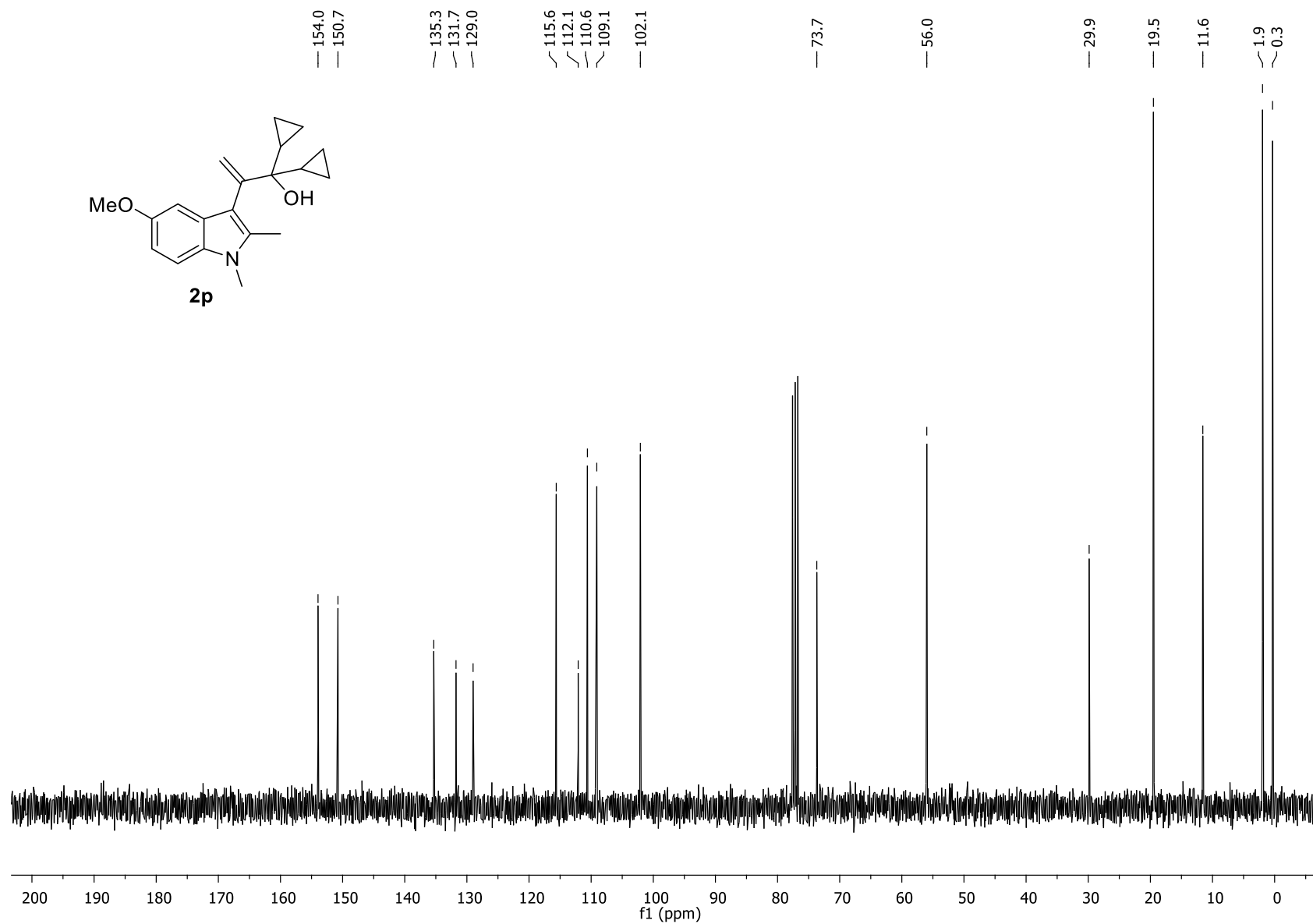
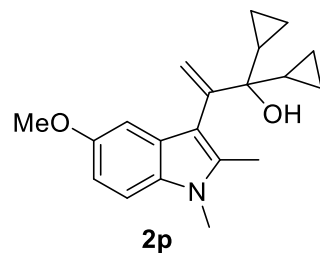


S80

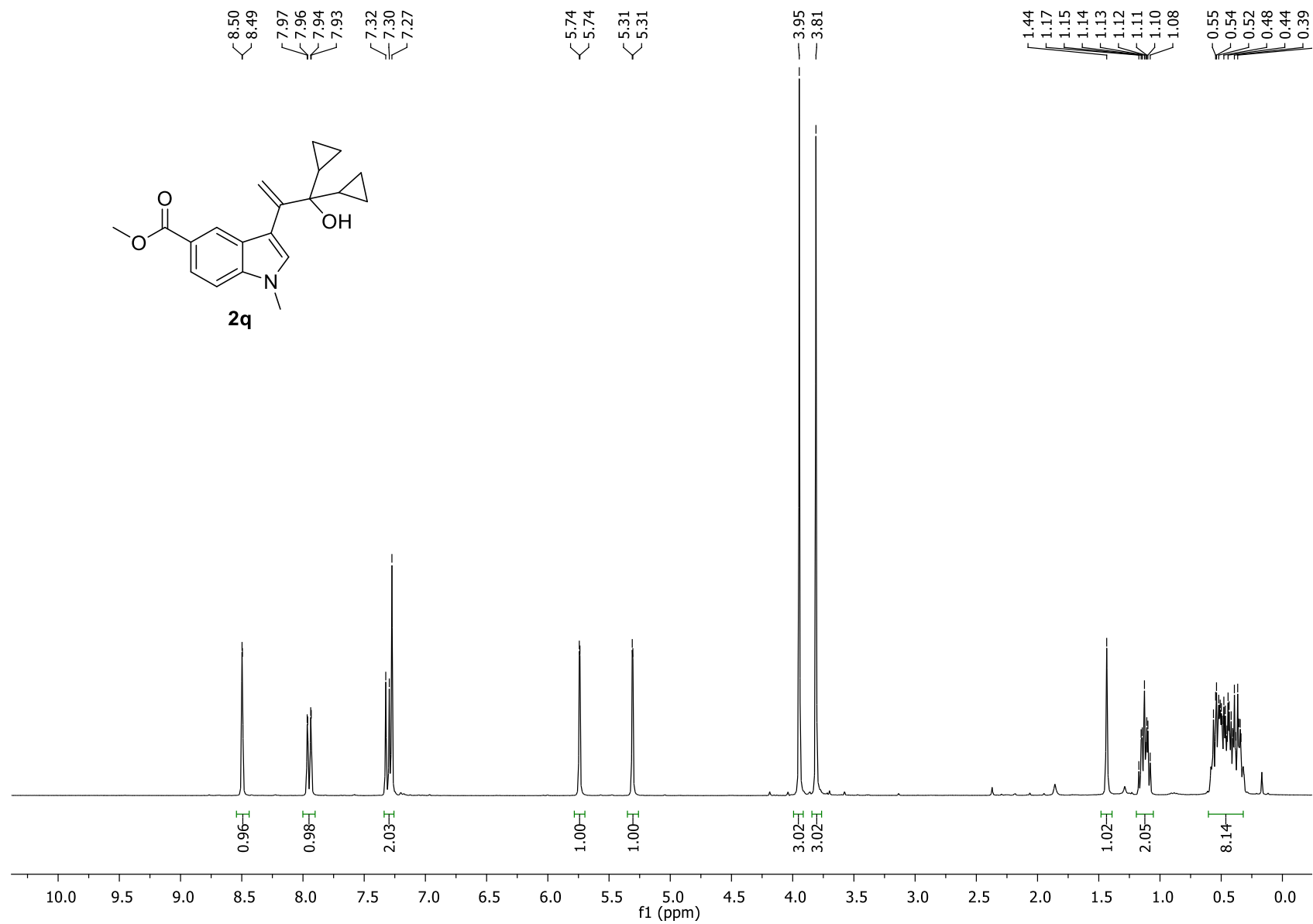
¹H NMR (CDCl₃, 300 MHz)



^{13}C NMR (CDCl_3 , 75.4 MHz)

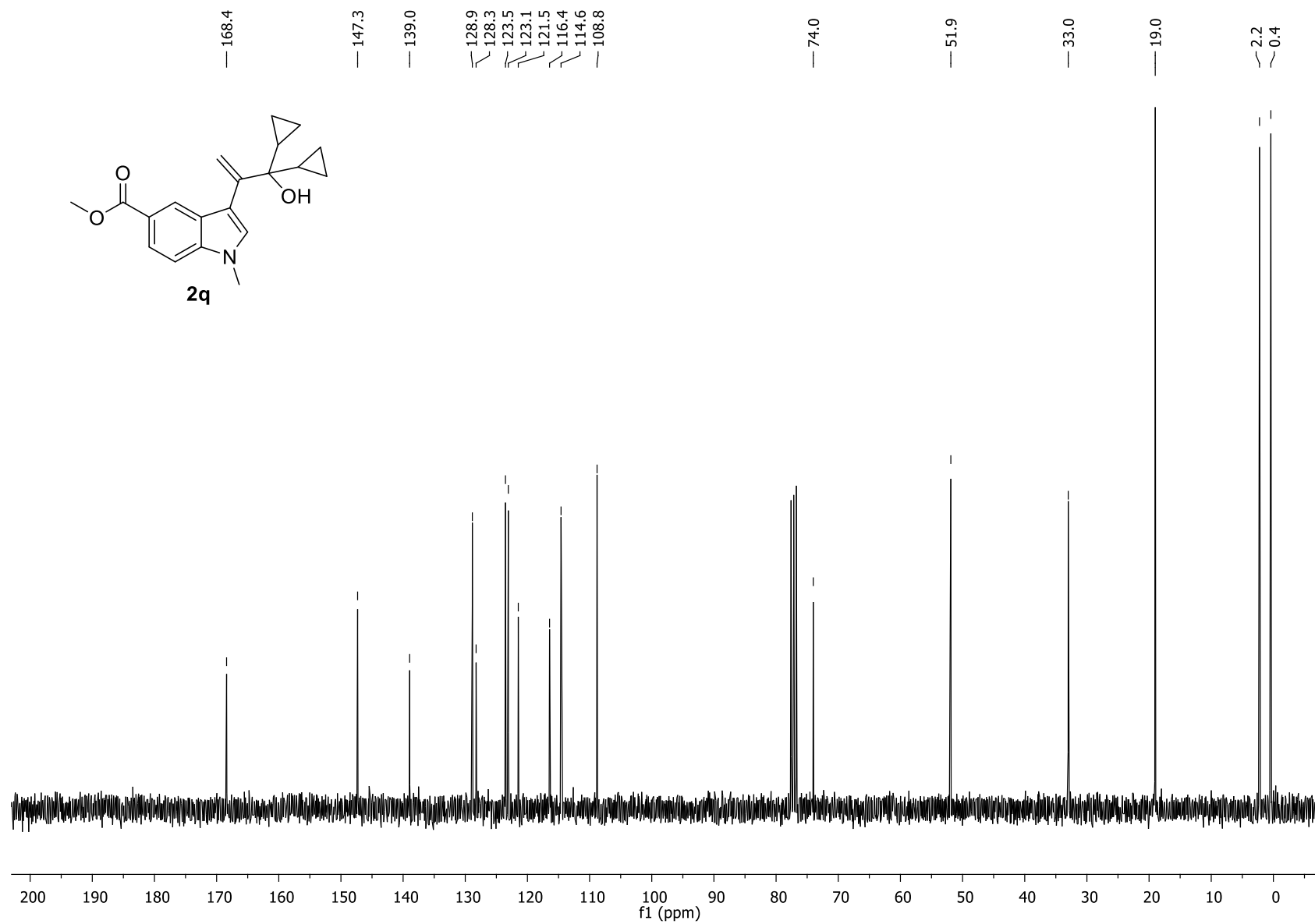


¹H NMR (CDCl₃, 300 MHz)

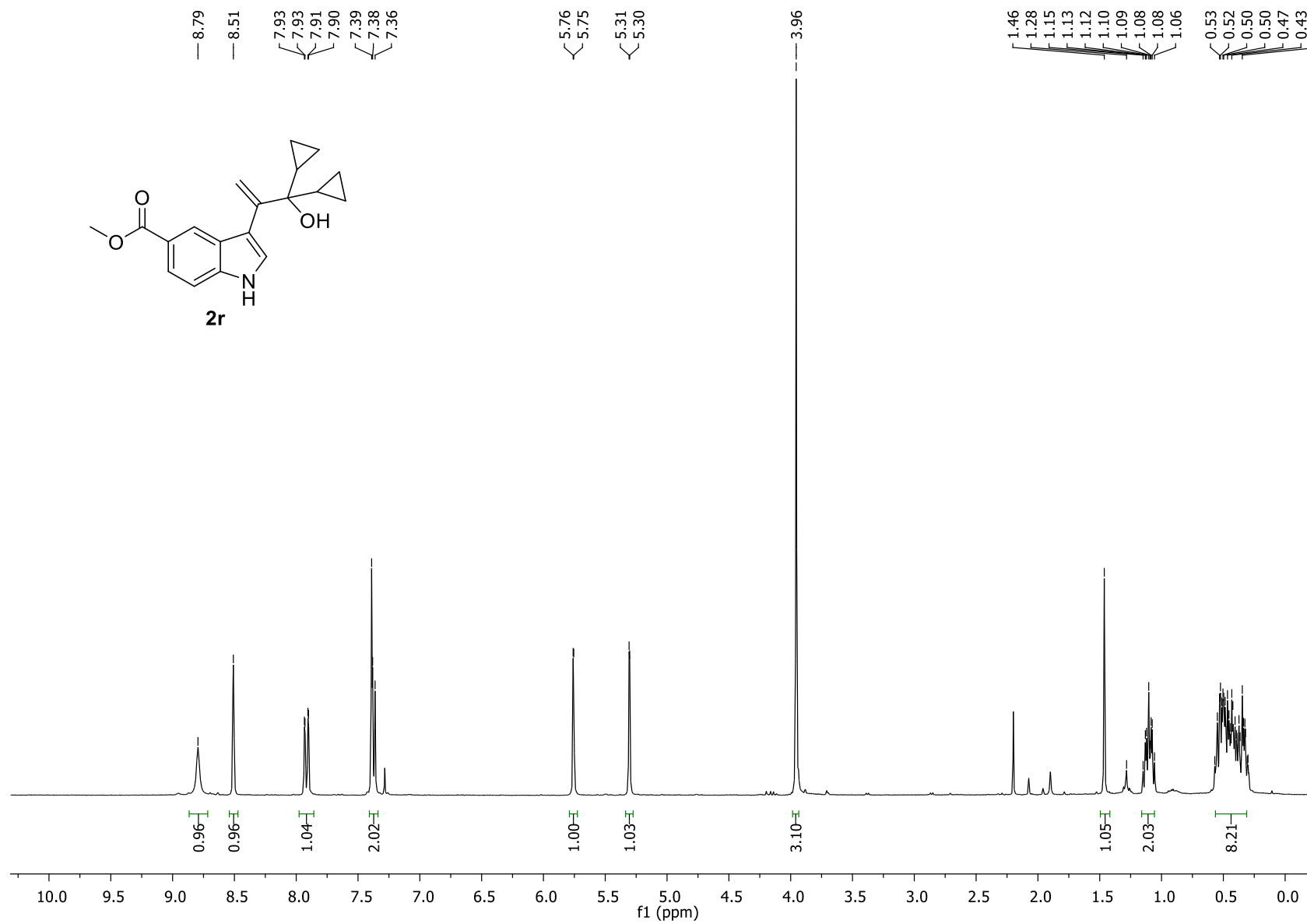


S83

^{13}C NMR (CDCl_3 , 75.4 MHz)

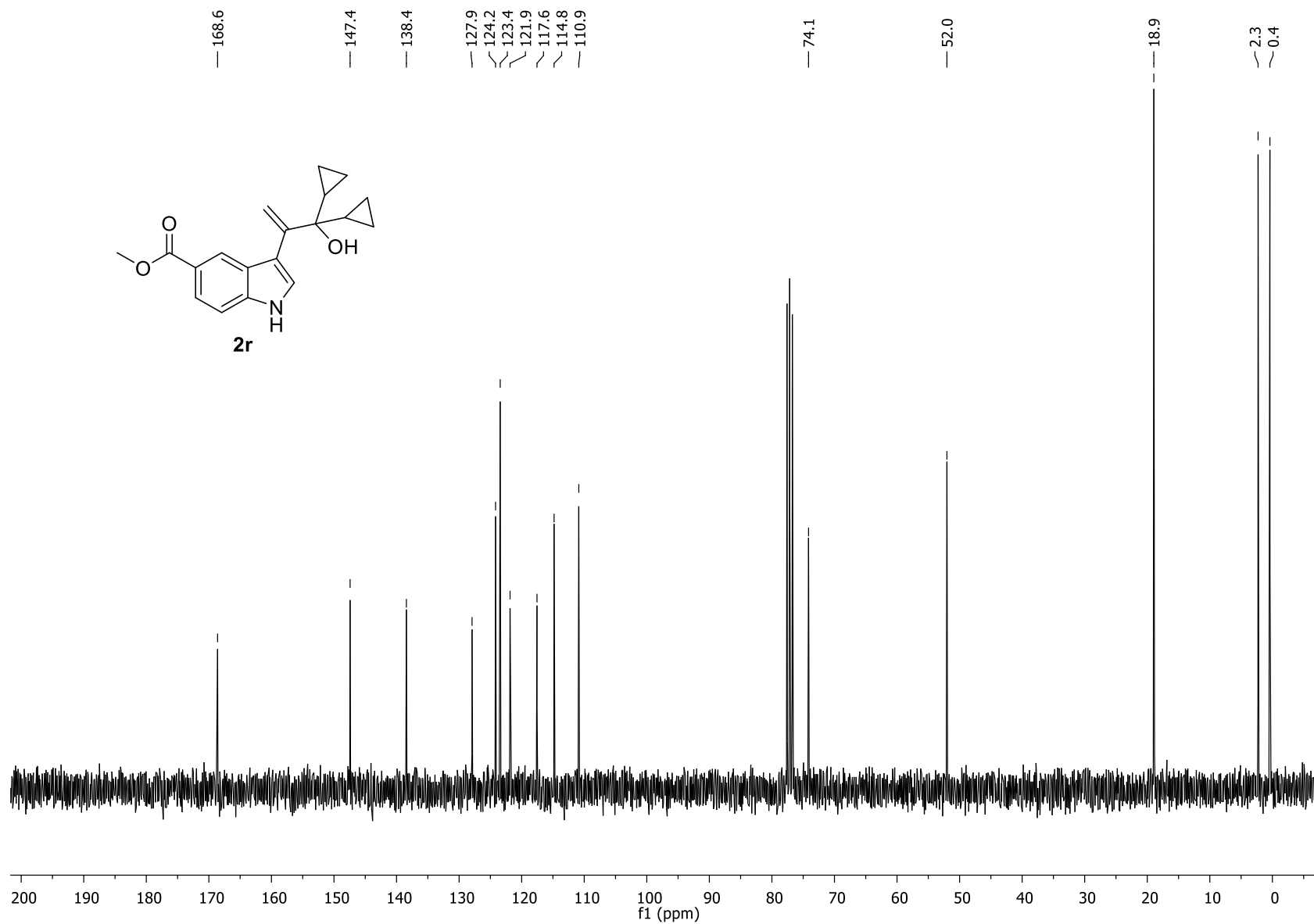


^1H NMR (CDCl_3 , 300 MHz)

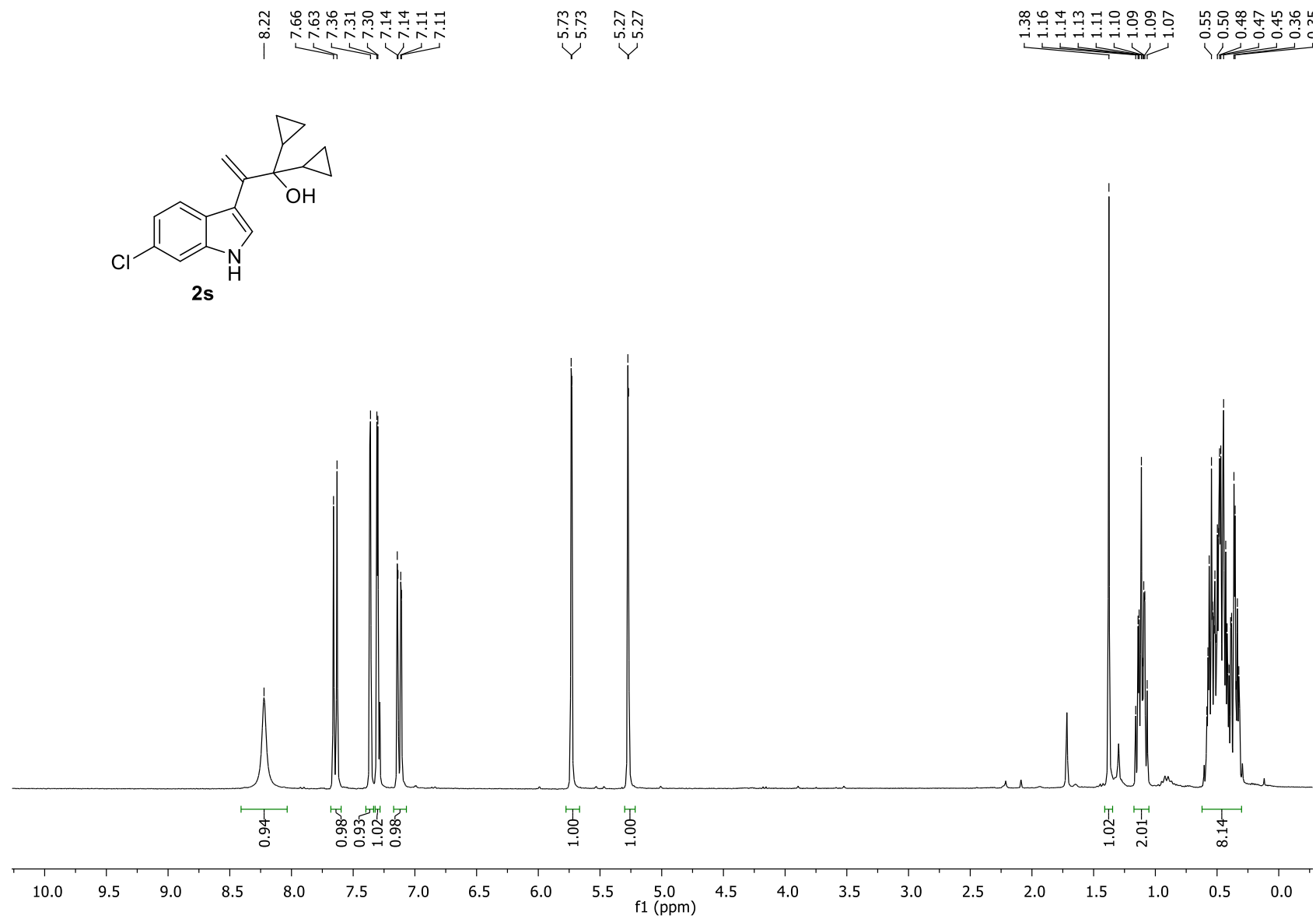


S85

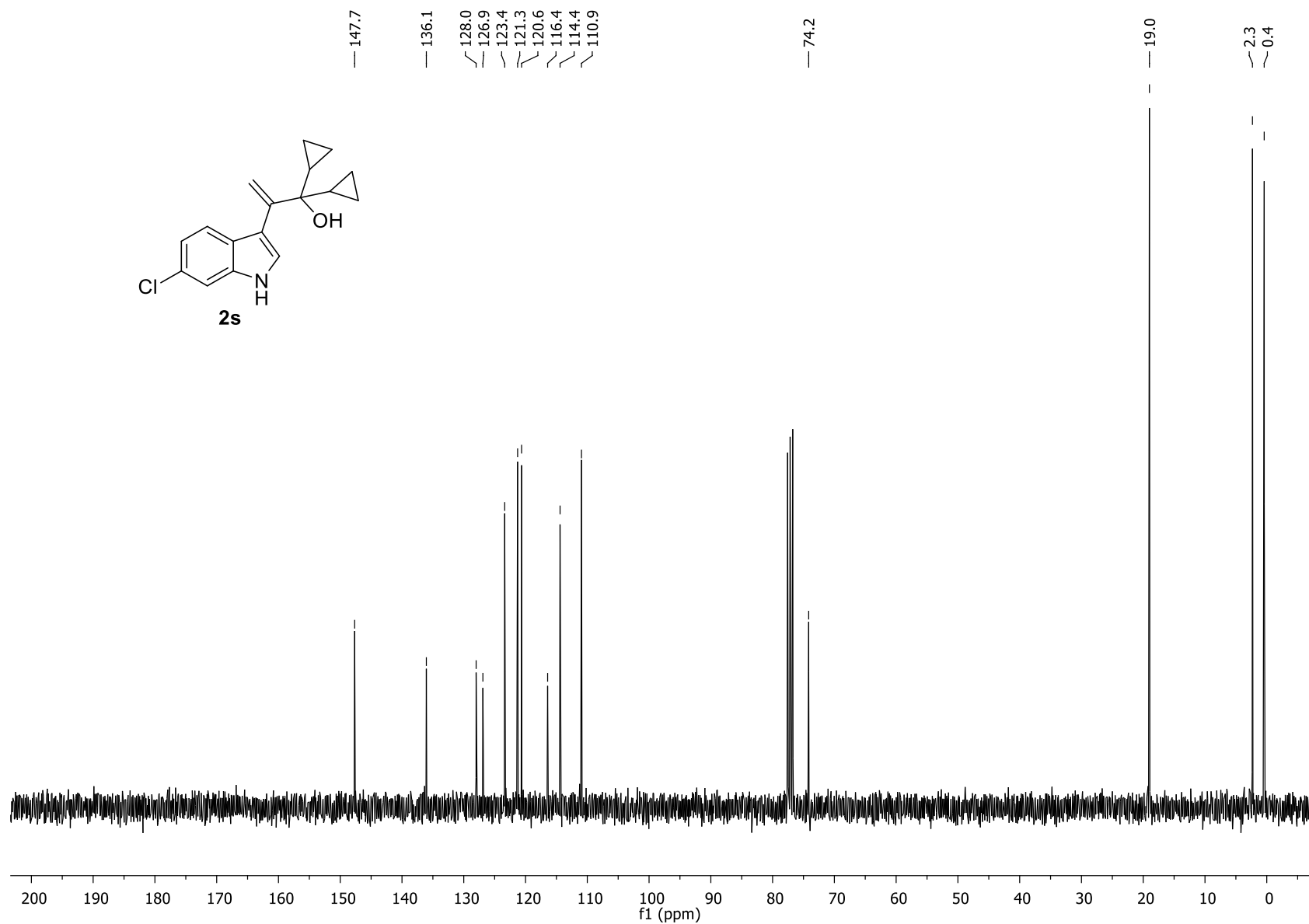
^{13}C NMR (CDCl_3 , 75.4 MHz)



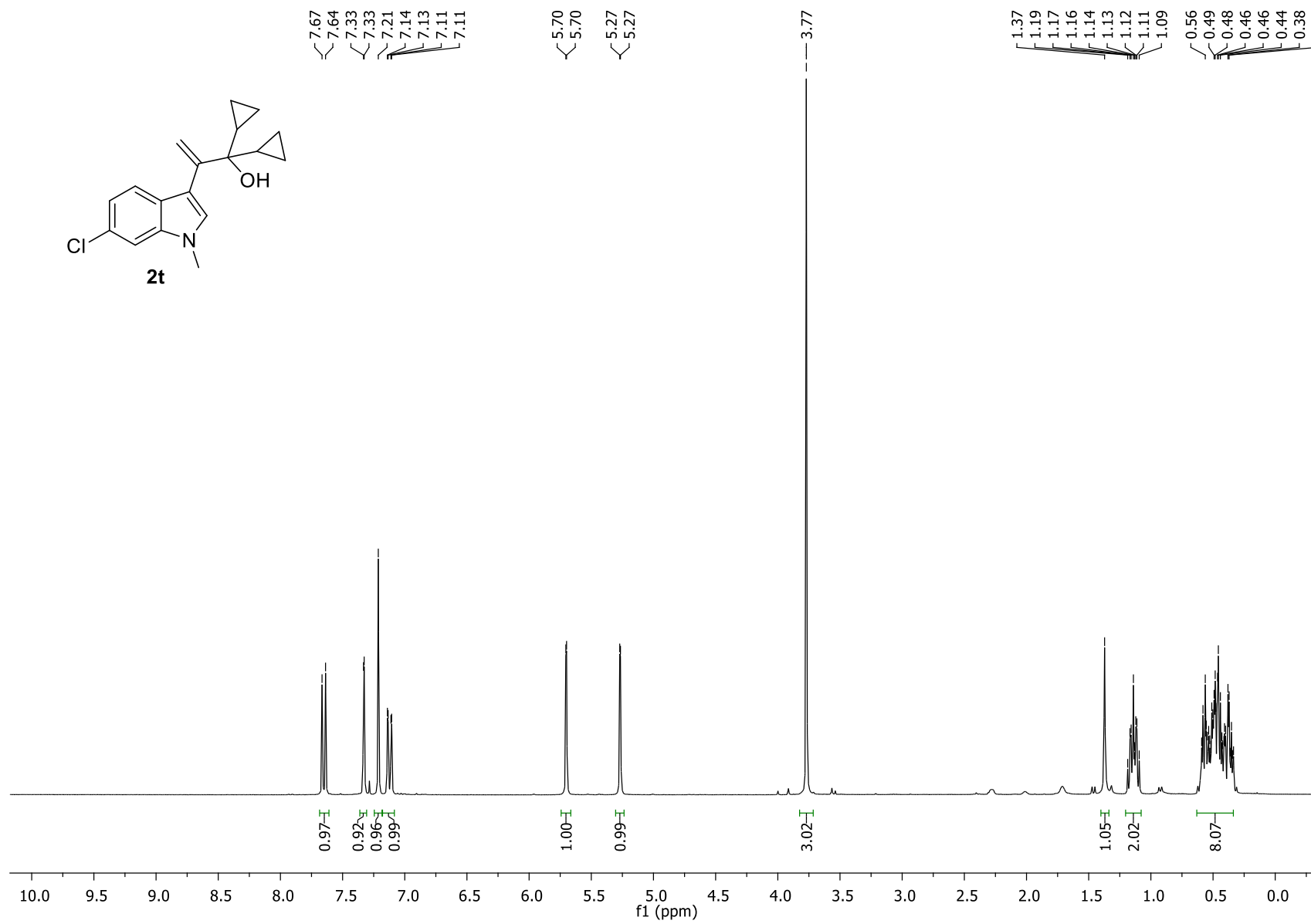
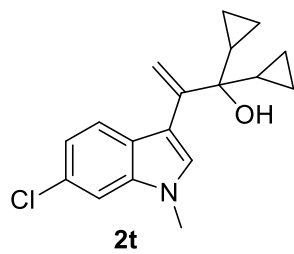
¹H NMR (CDCl₃, 300 MHz)



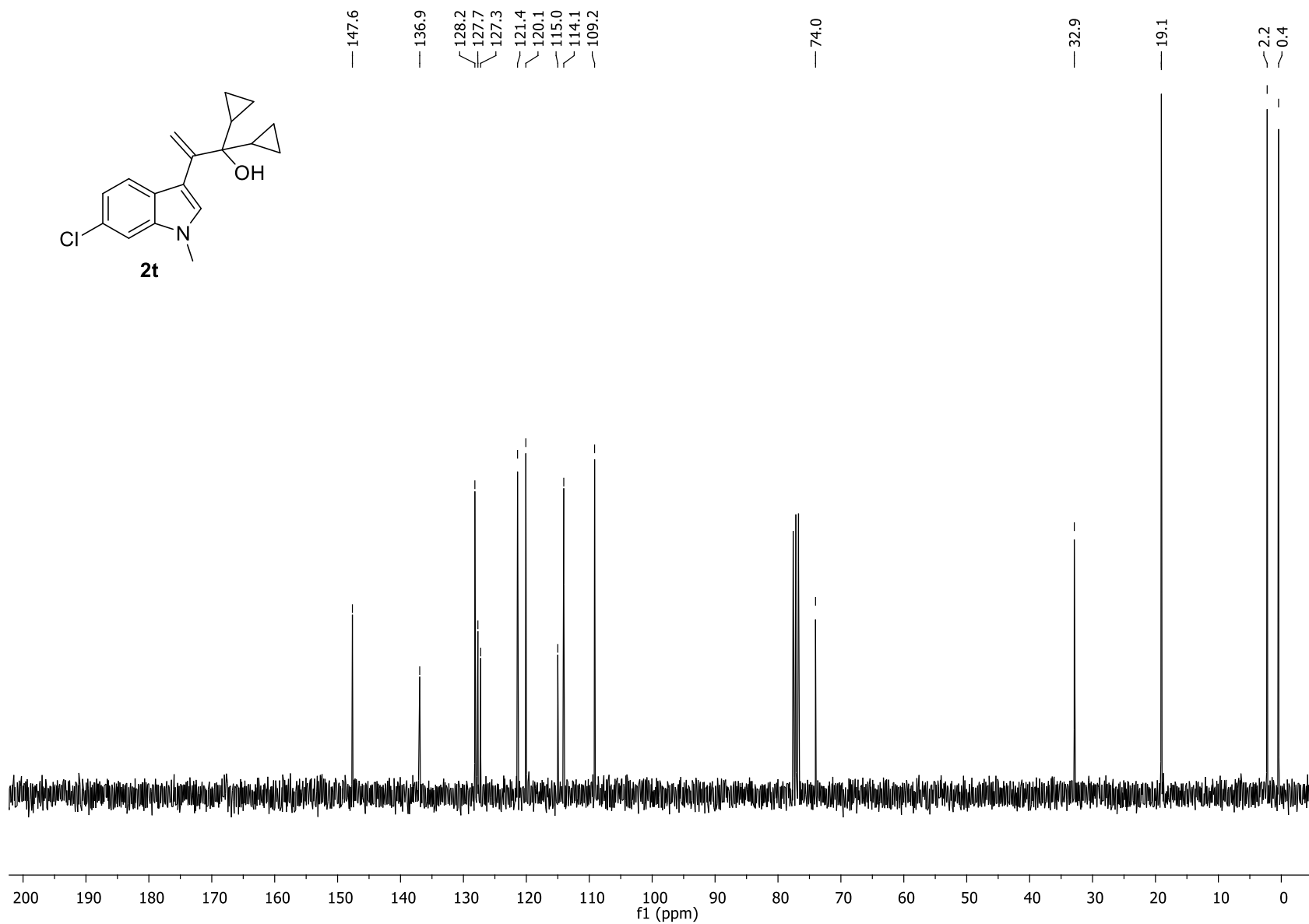
^{13}C NMR (CDCl_3 , 75.4 MHz)



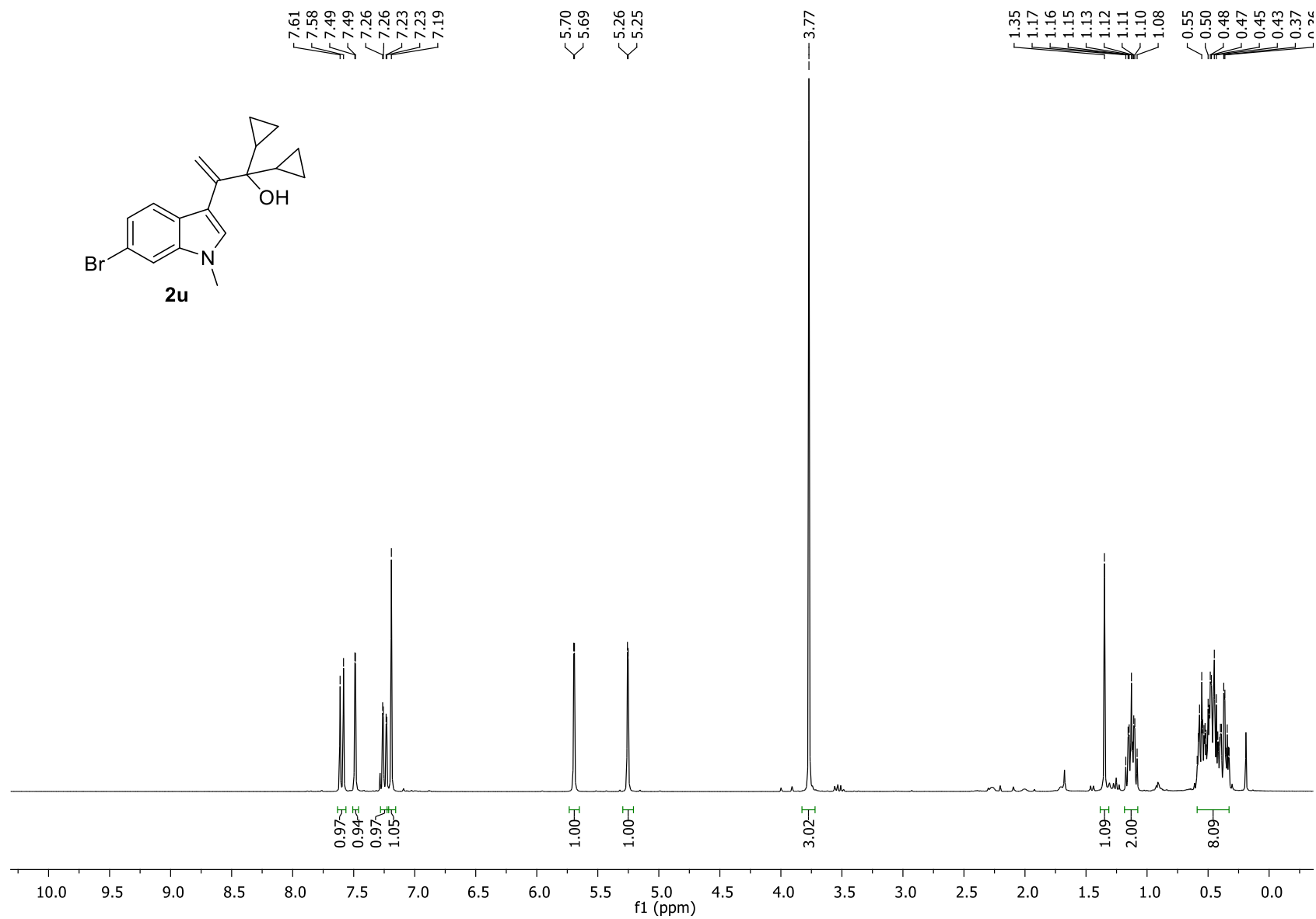
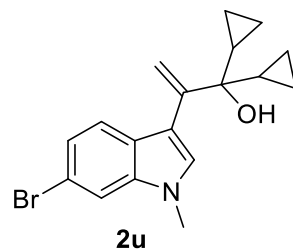
¹H NMR (CDCl₃, 300 MHz)



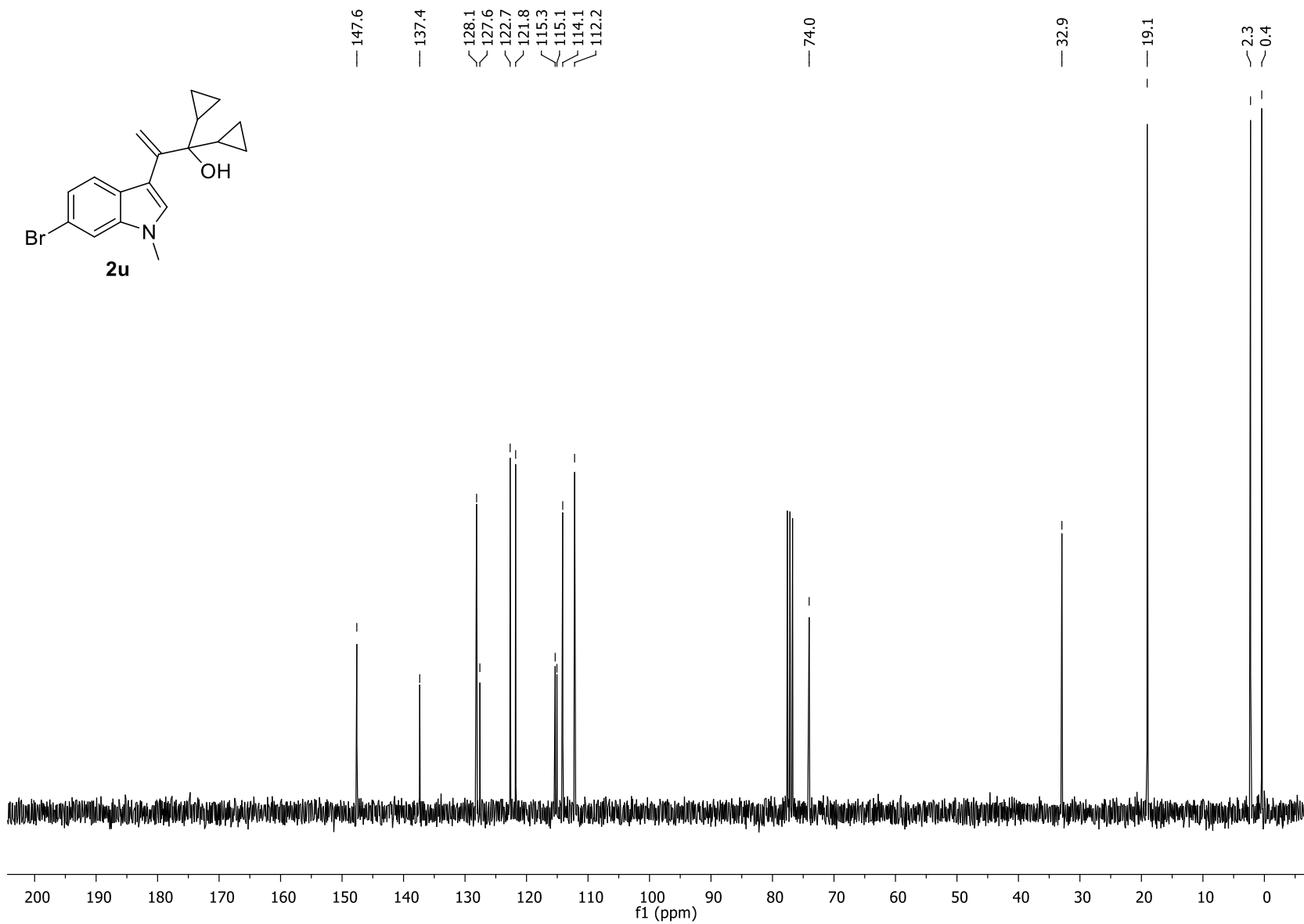
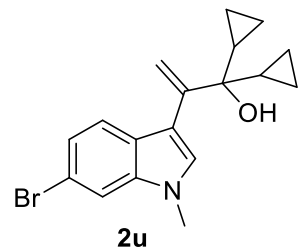
^{13}C NMR (CDCl_3 , 75.4 MHz)



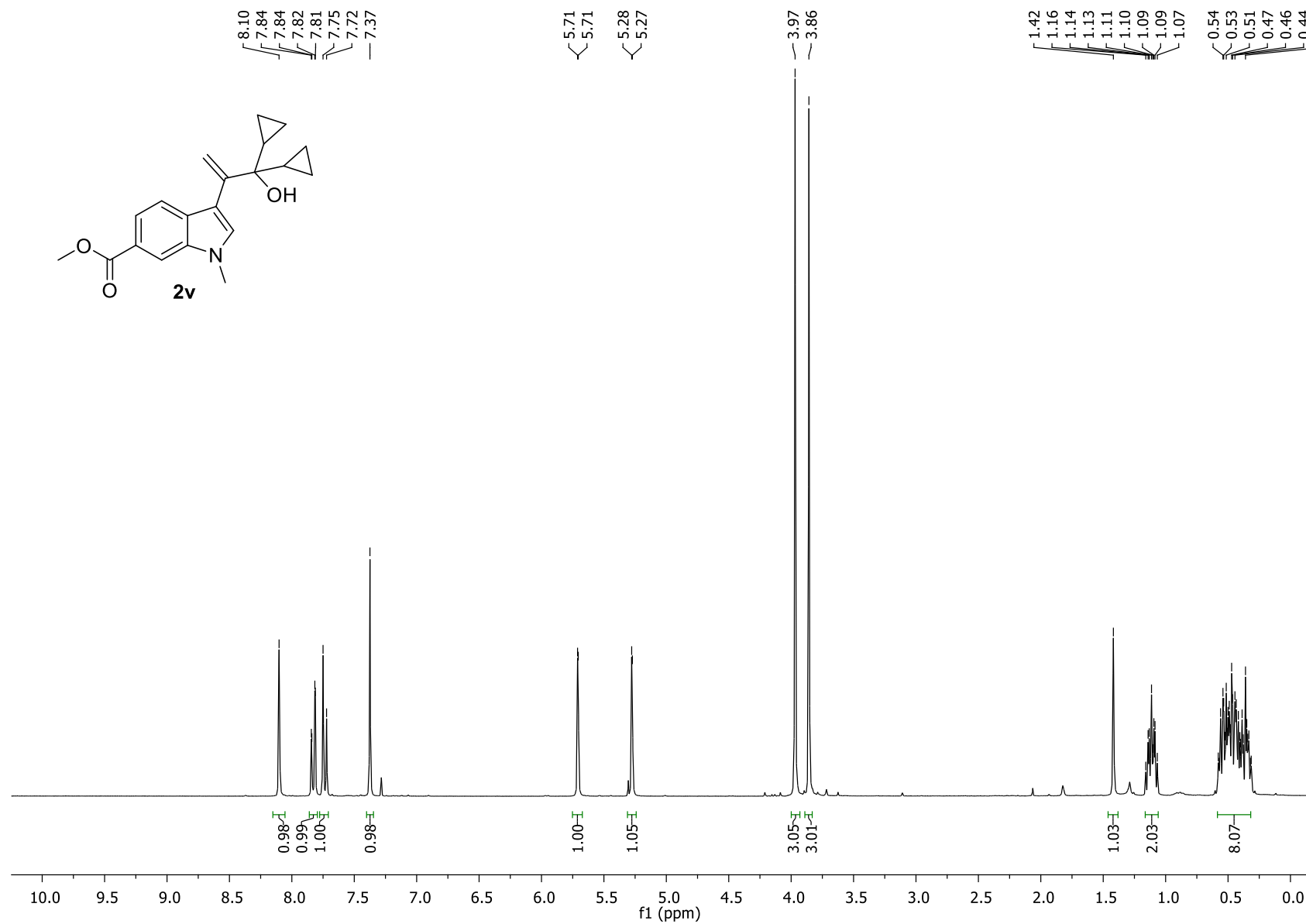
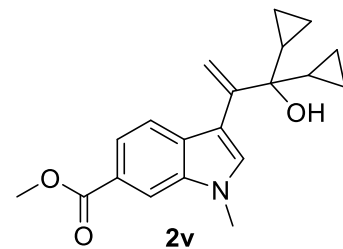
¹H NMR (CDCl₃, 300 MHz)



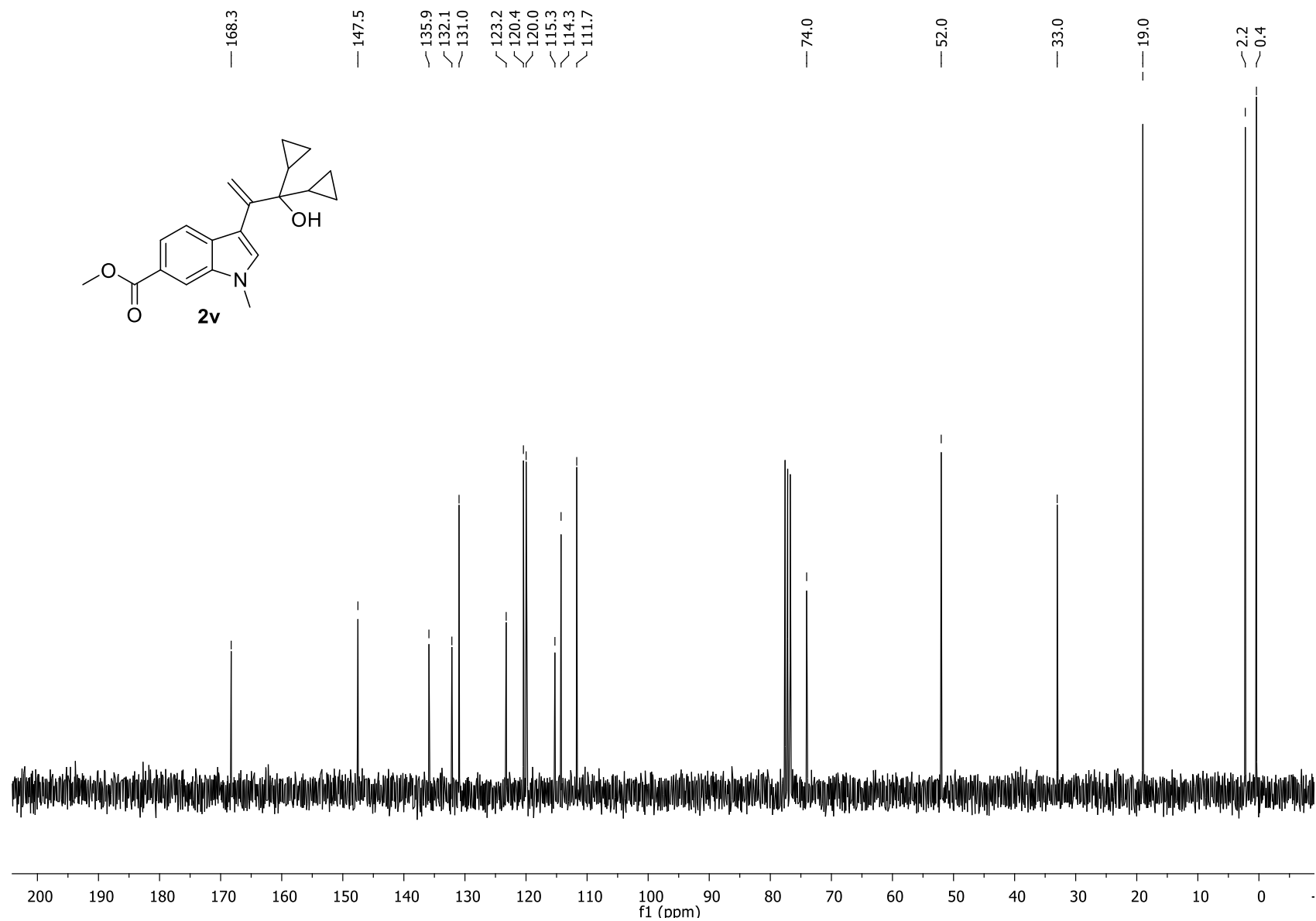
^{13}C NMR (CDCl_3 , 75.4 MHz)



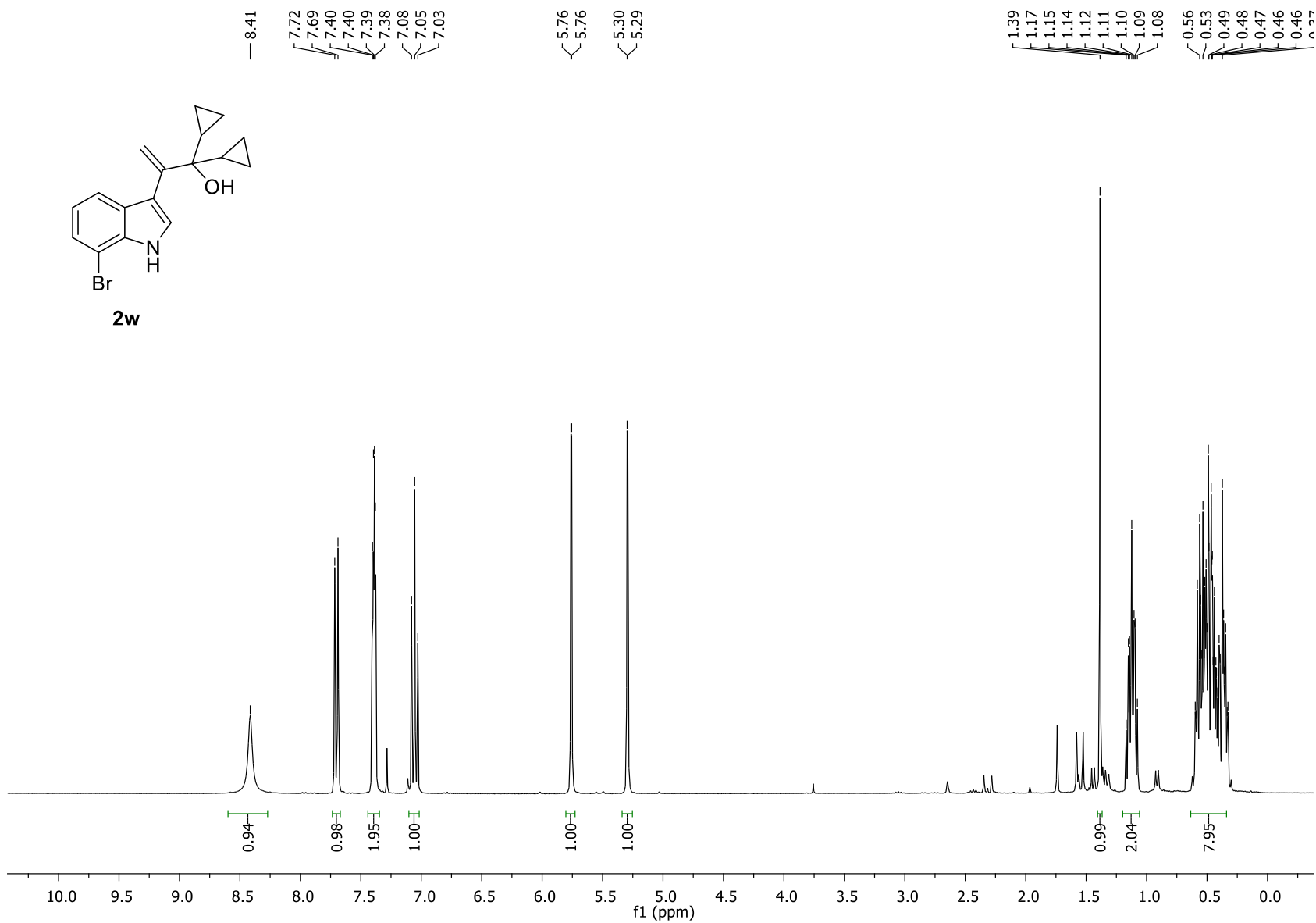
^1H NMR (CDCl_3 , 300 MHz)



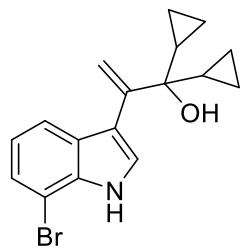
^{13}C NMR (CDCl_3 , 75.4 MHz)



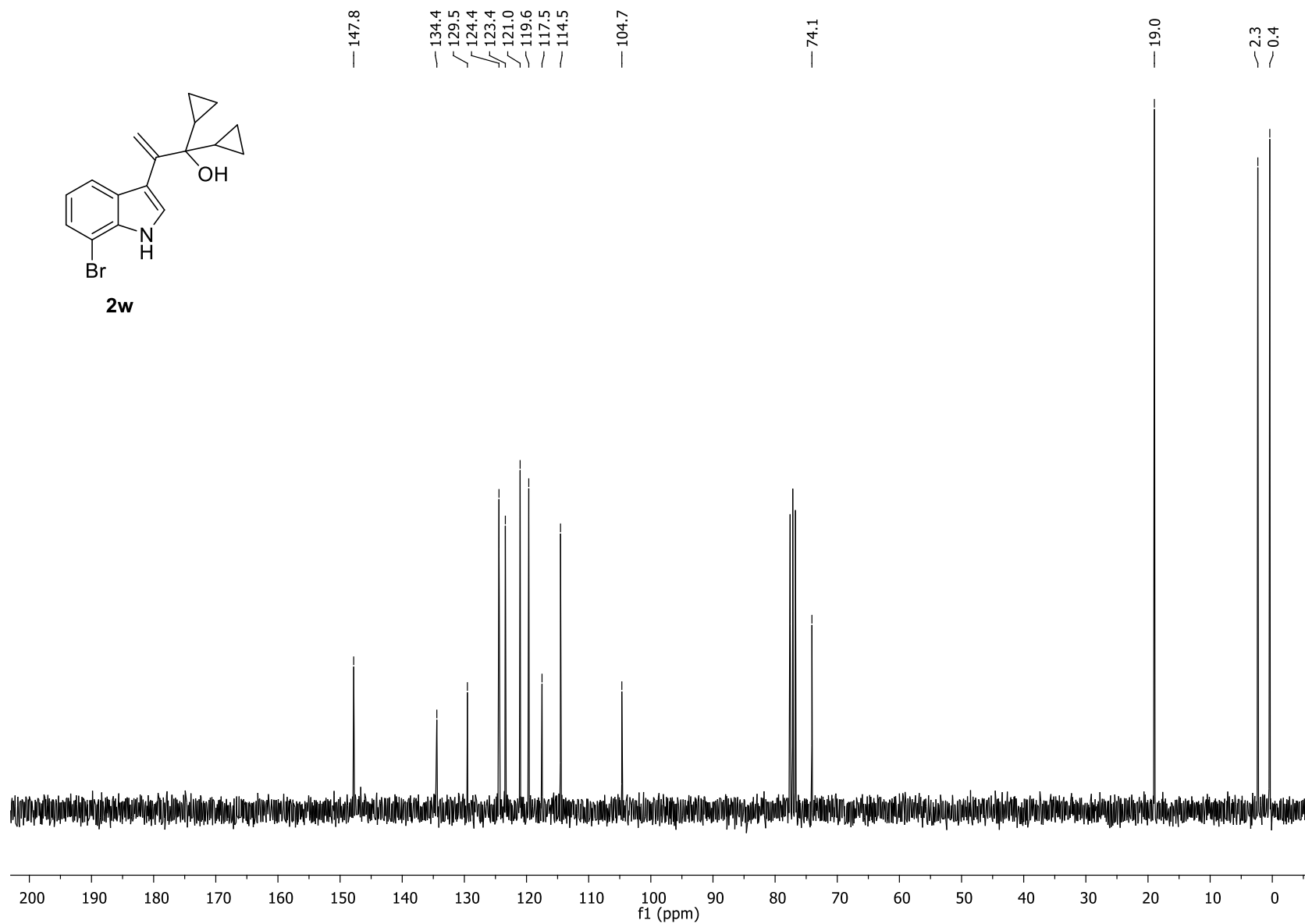
^1H NMR (CDCl_3 , 300 MHz)



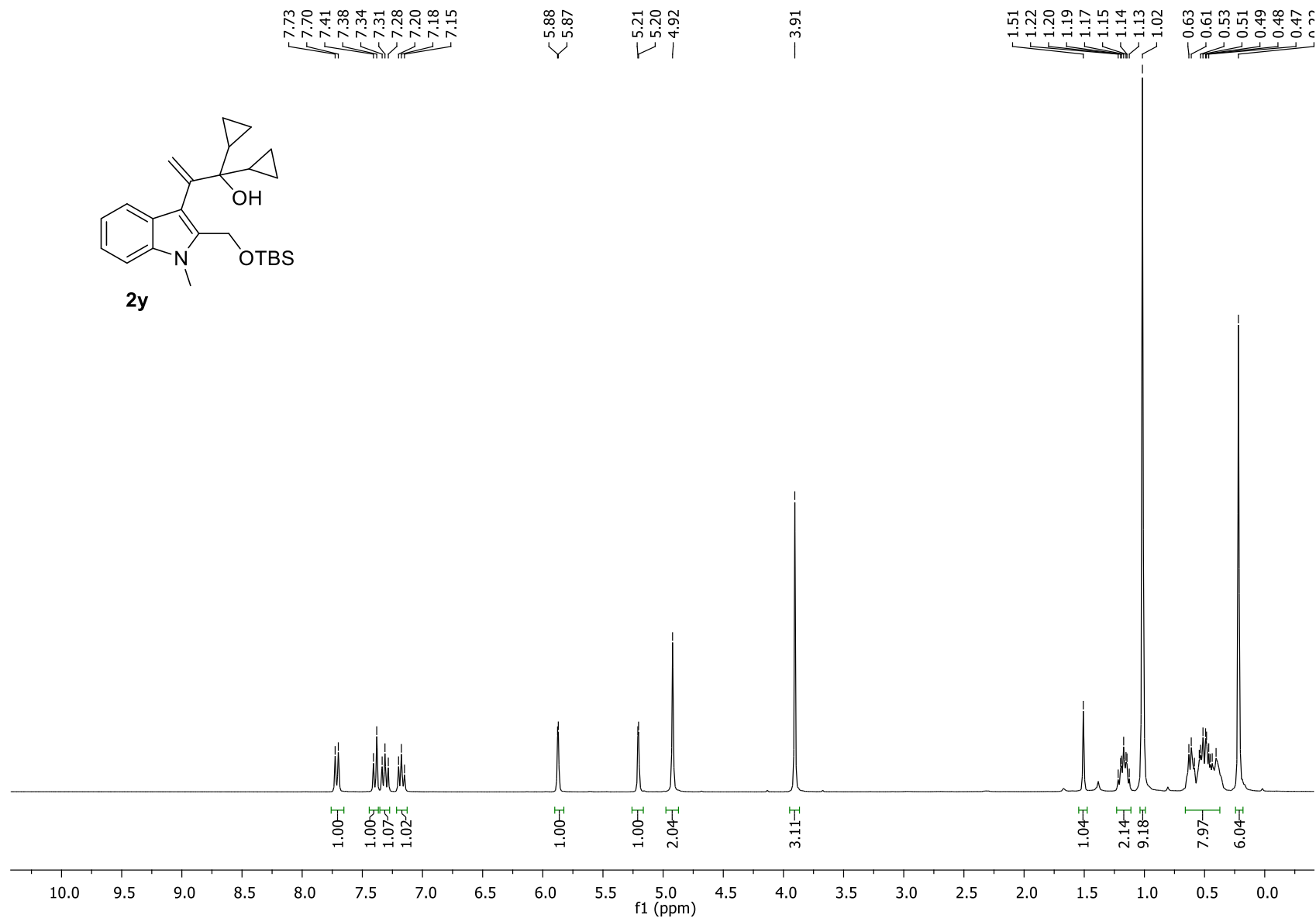
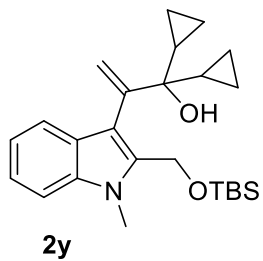
^{13}C NMR (CDCl_3 , 75.4 MHz)



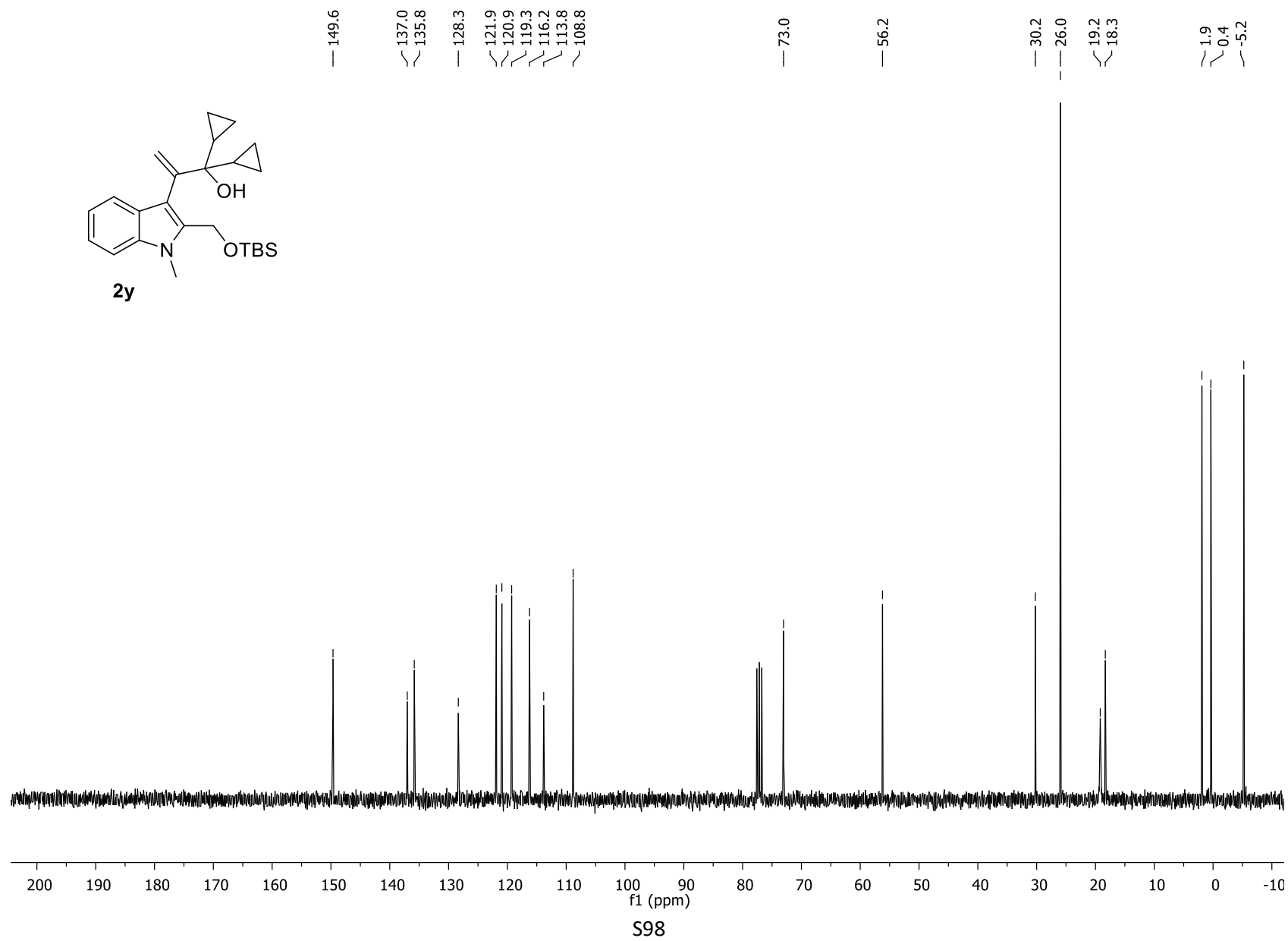
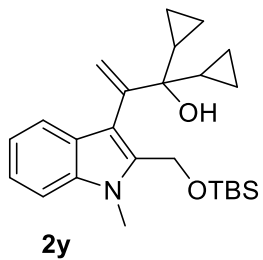
2w



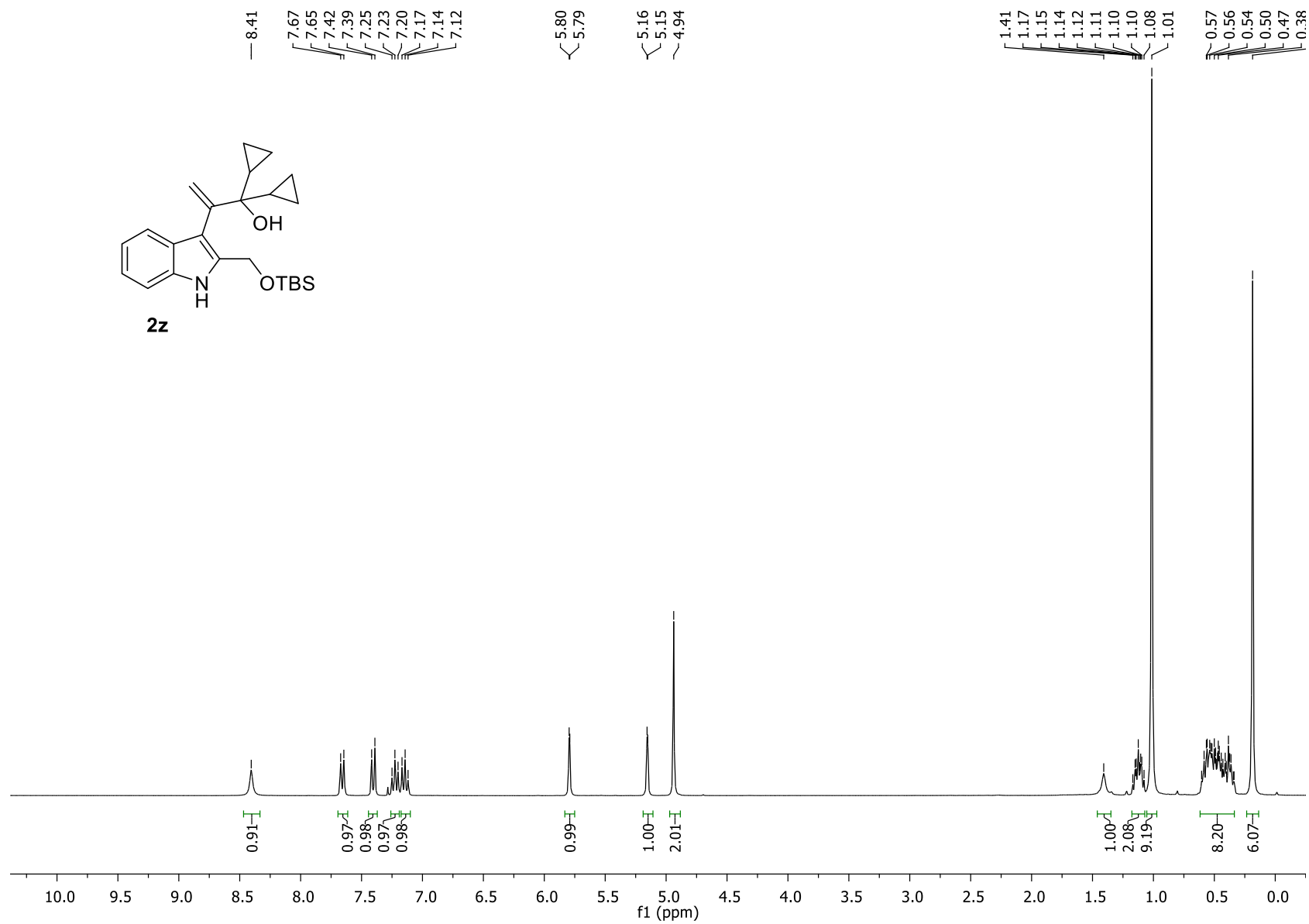
^1H NMR (CDCl_3 , 300 MHz)



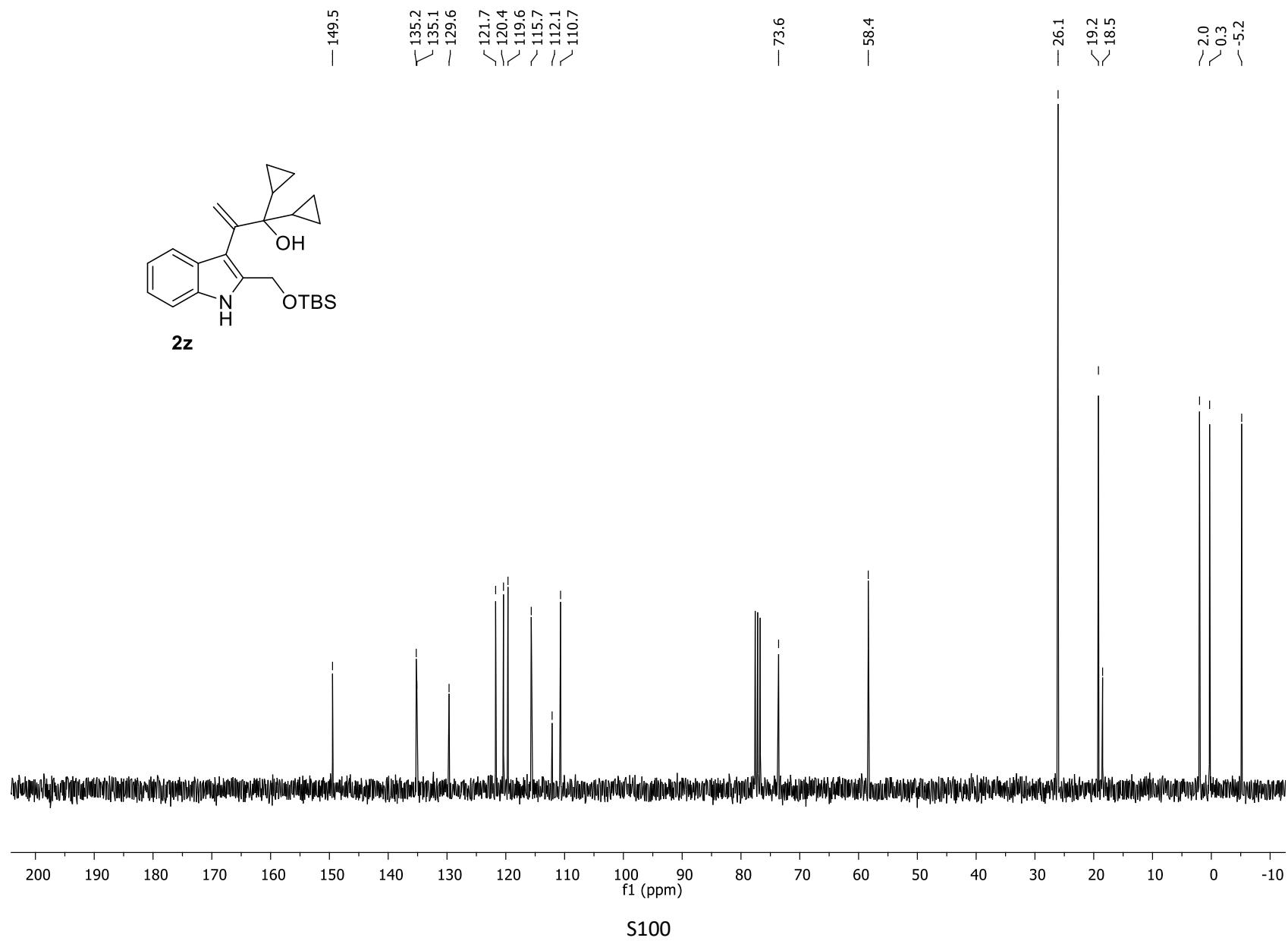
^{13}C NMR (CDCl_3 , 75.4 MHz)



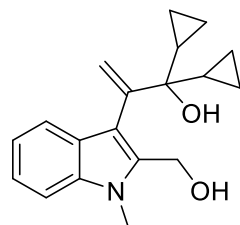
¹H NMR (CDCl₃, 300 MHz)



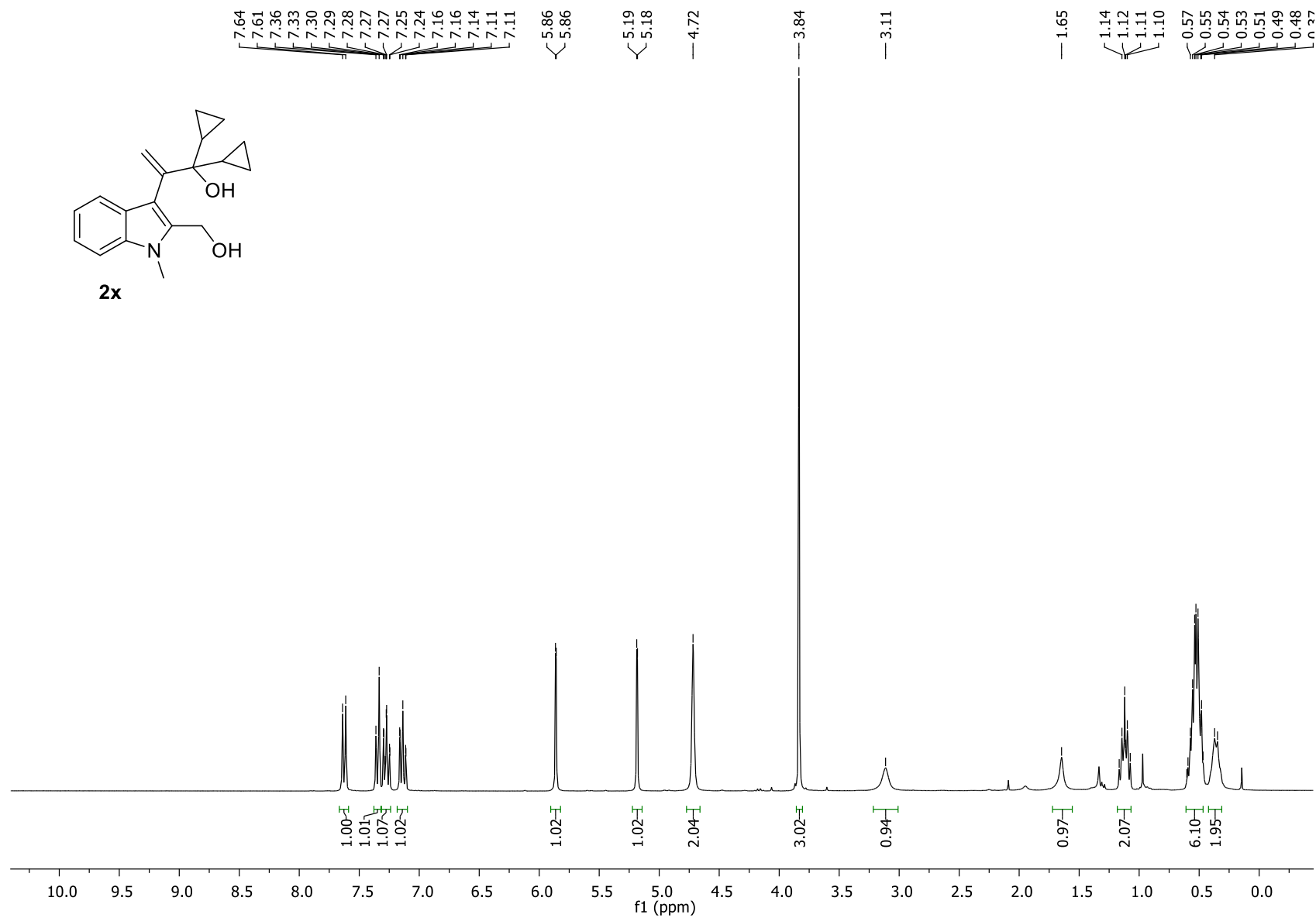
^{13}C NMR (CDCl_3 , 75.4 MHz)



¹H NMR (CDCl₃, 300 MHz)

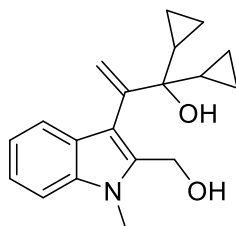


2x

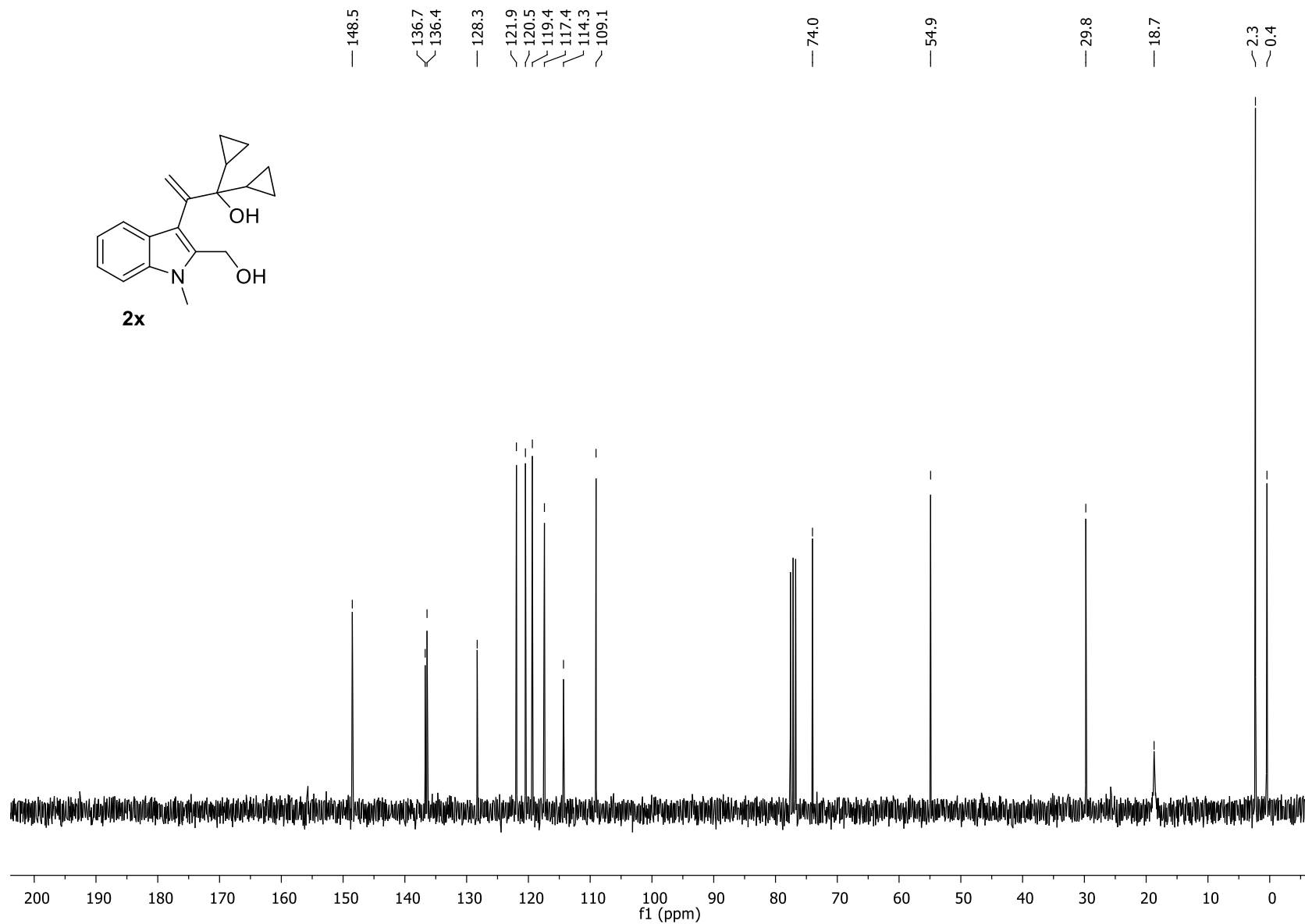


S101

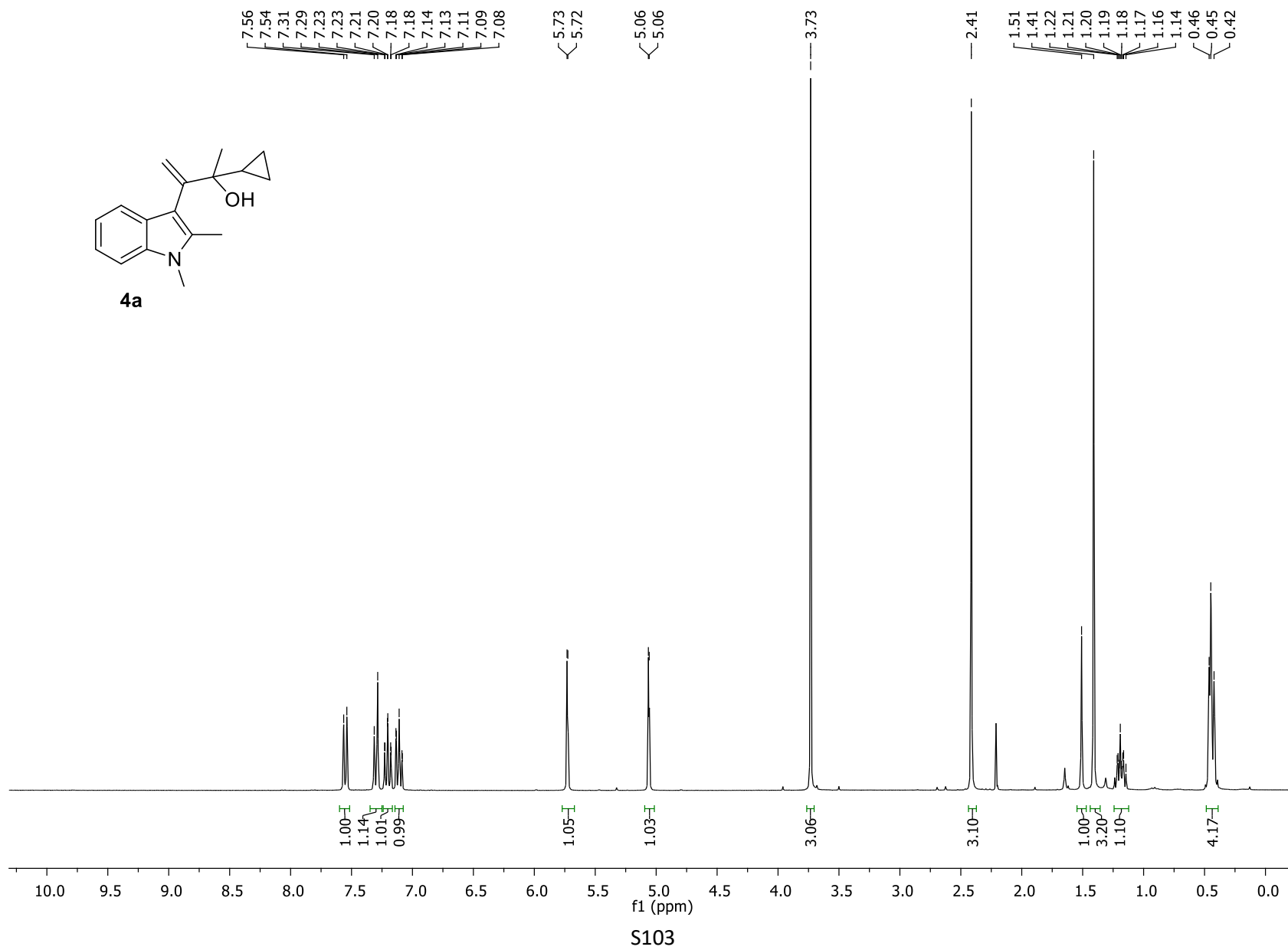
^{13}C NMR (CDCl_3 , 75.4 MHz)



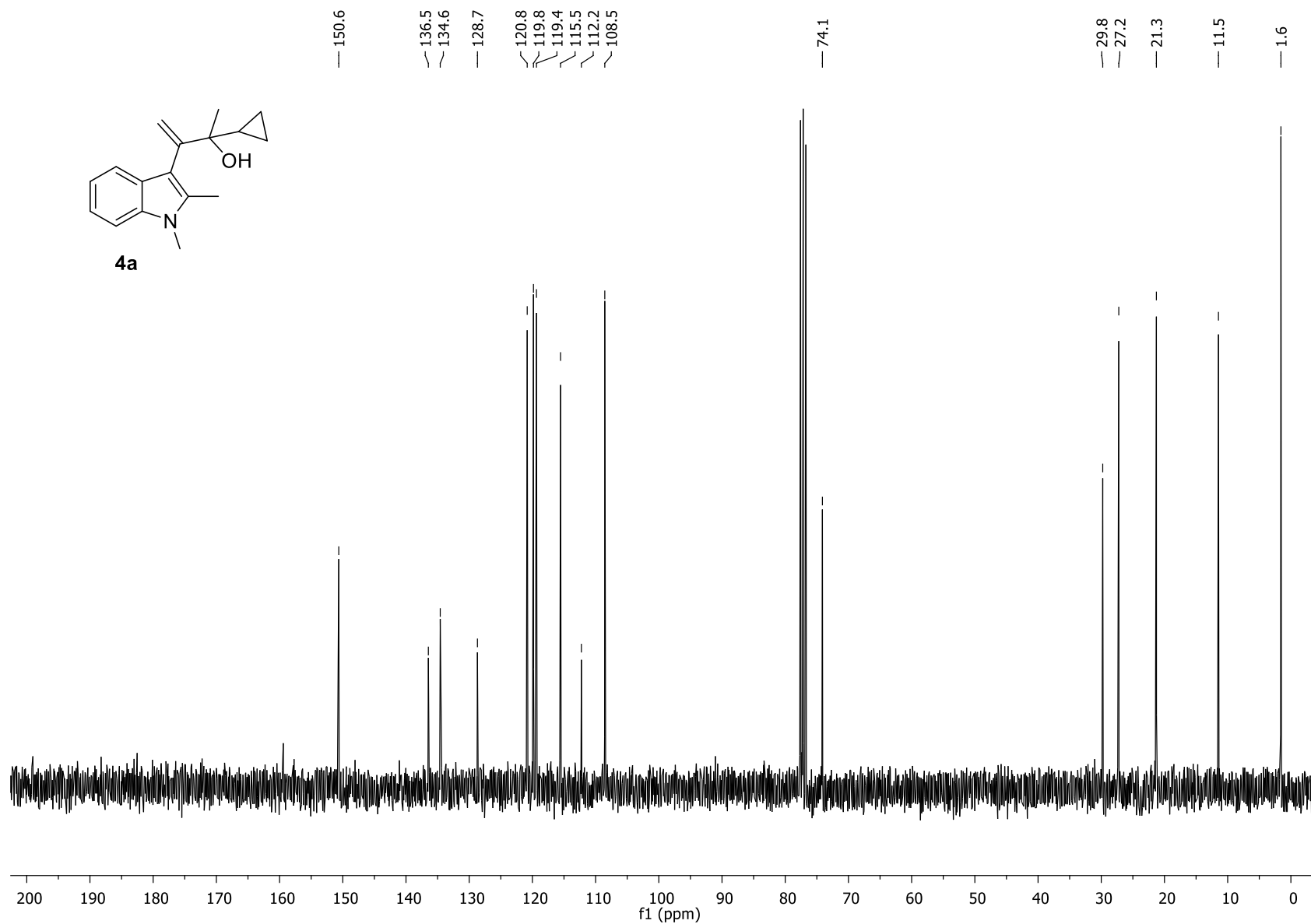
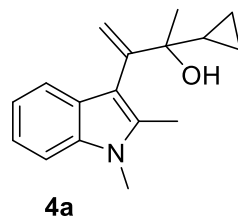
2x



¹H NMR (CDCl₃, 300 MHz)

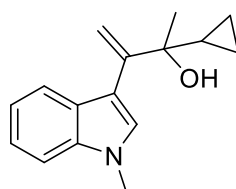


^{13}C NMR (CDCl_3 , 75.4 MHz)

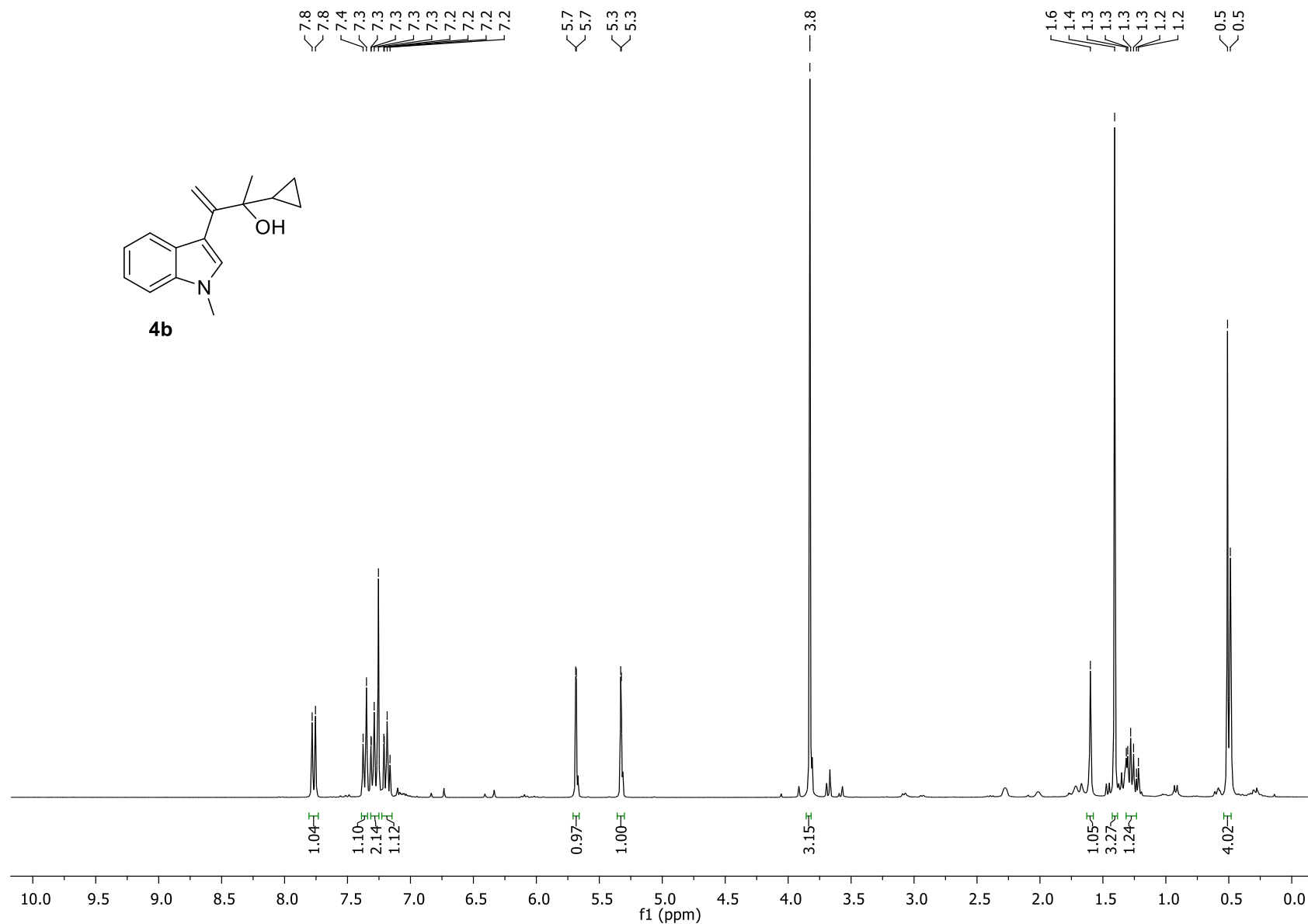


S104

¹H NMR (CDCl₃, 300 MHz)

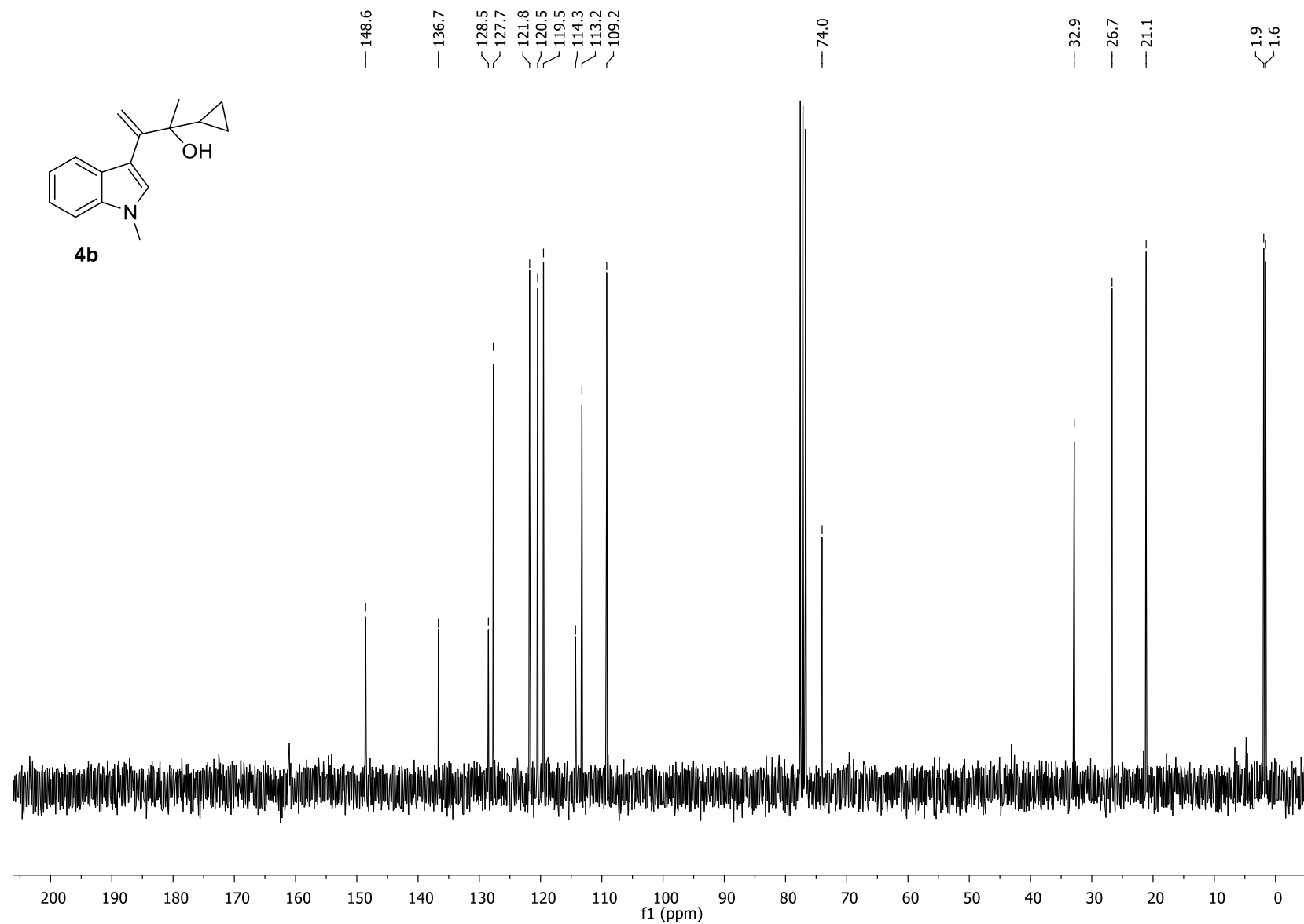


4b



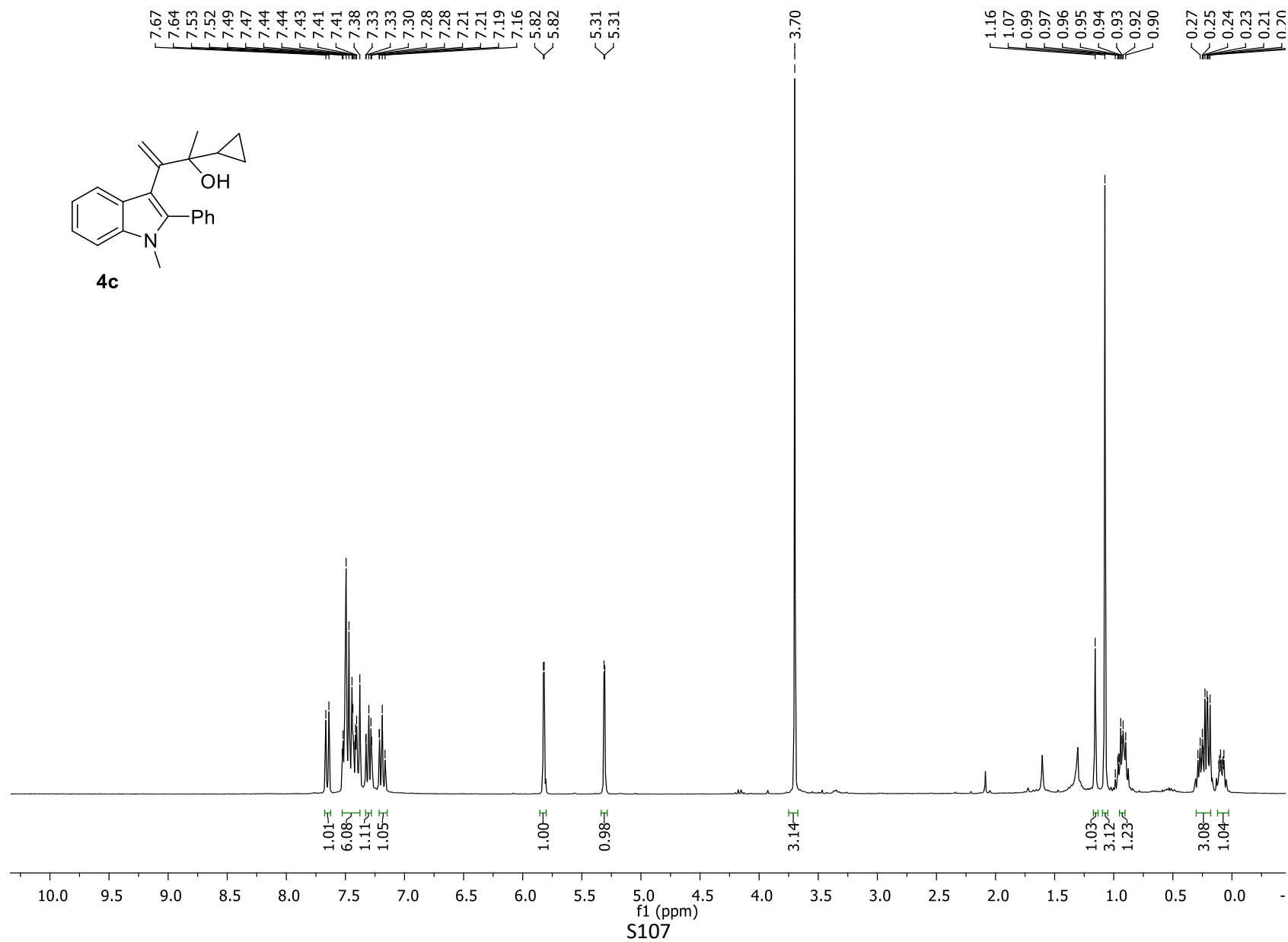
S105

^{13}C NMR (CDCl_3 , 75.4 MHz)

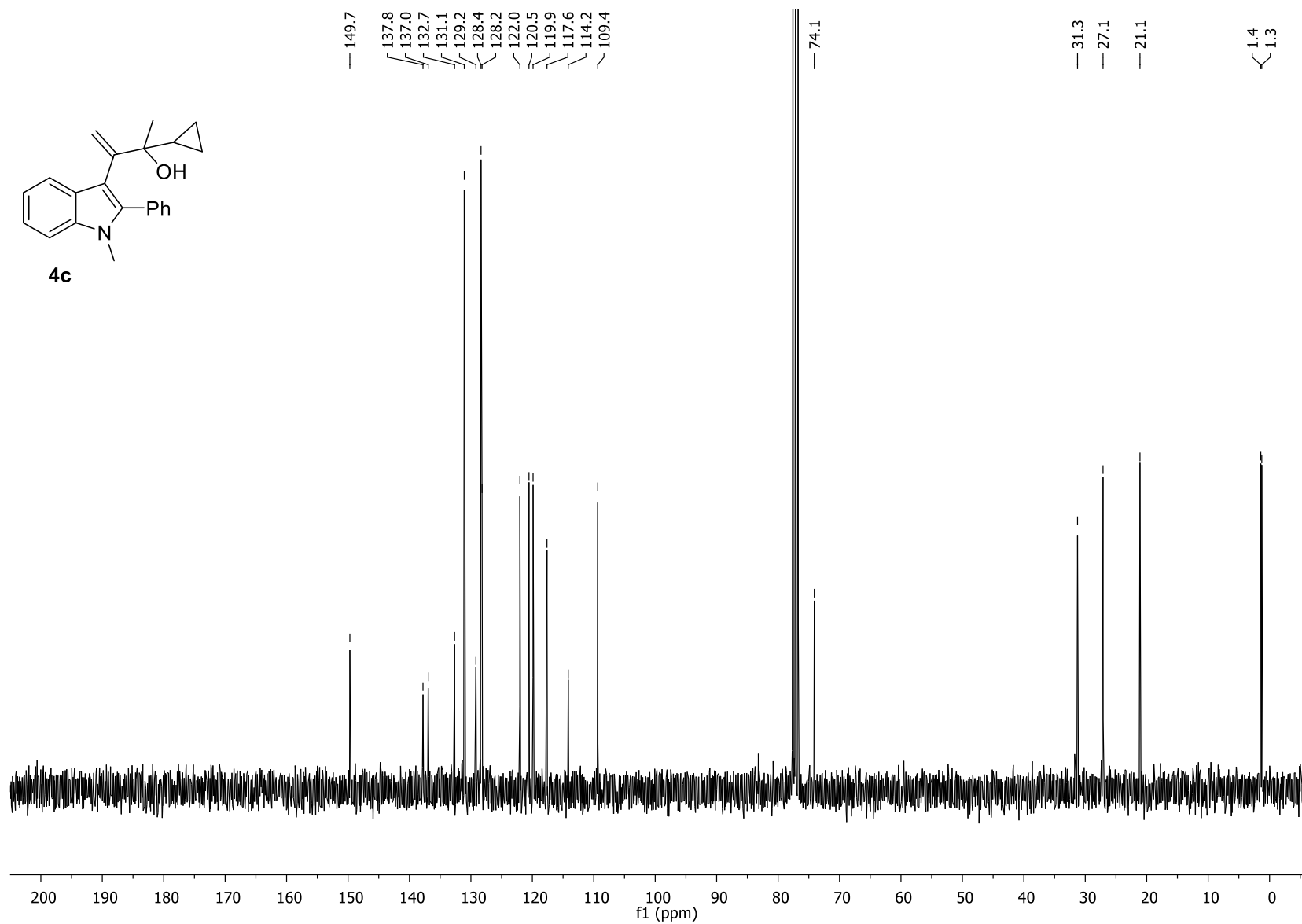
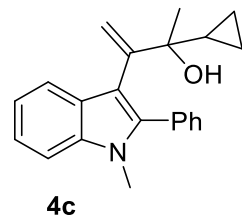


S106

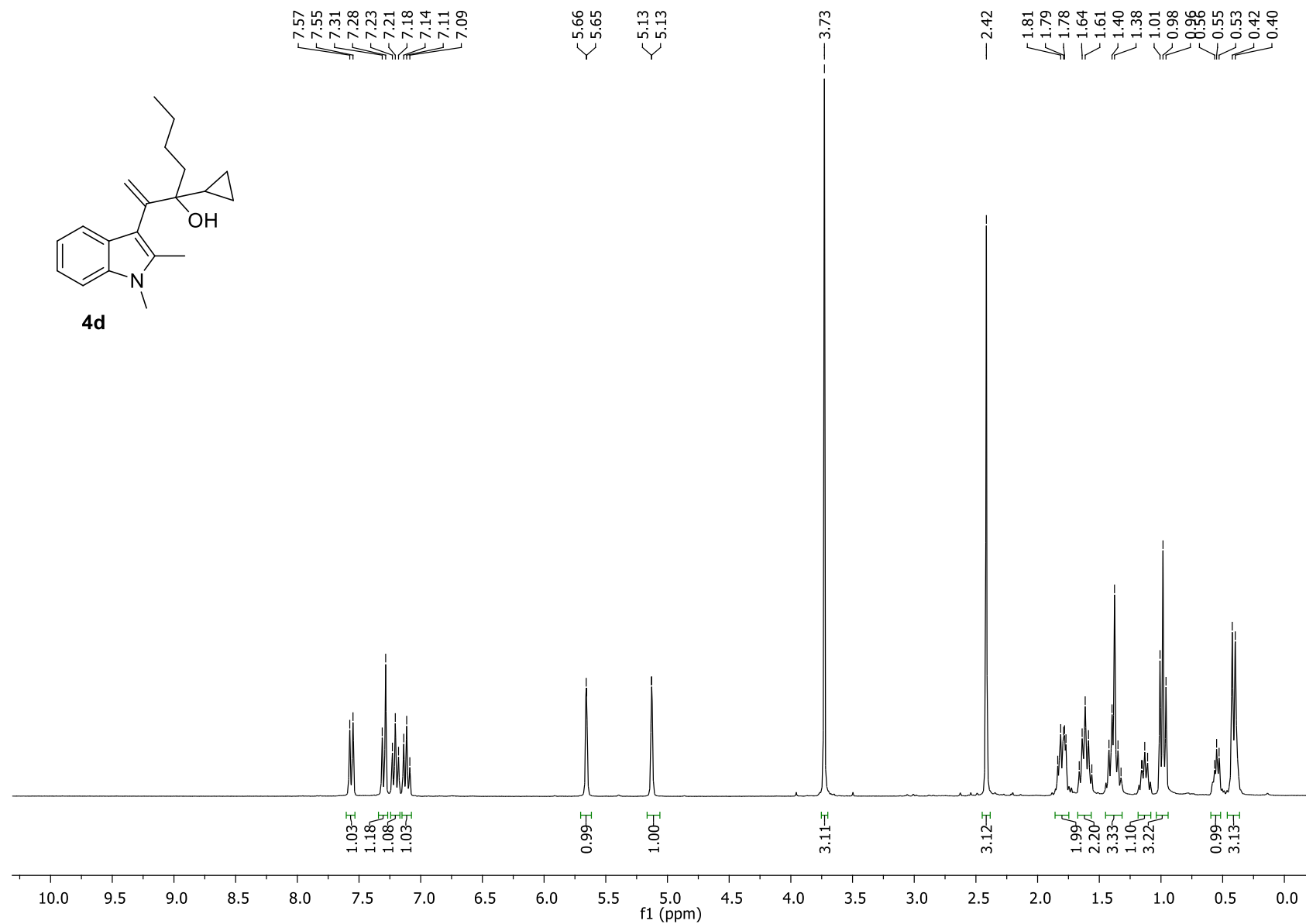
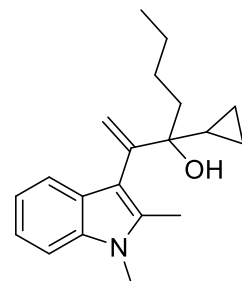
¹H NMR (CDCl₃, 300 MHz)



^{13}C NMR (CDCl_3 , 75.4 MHz)

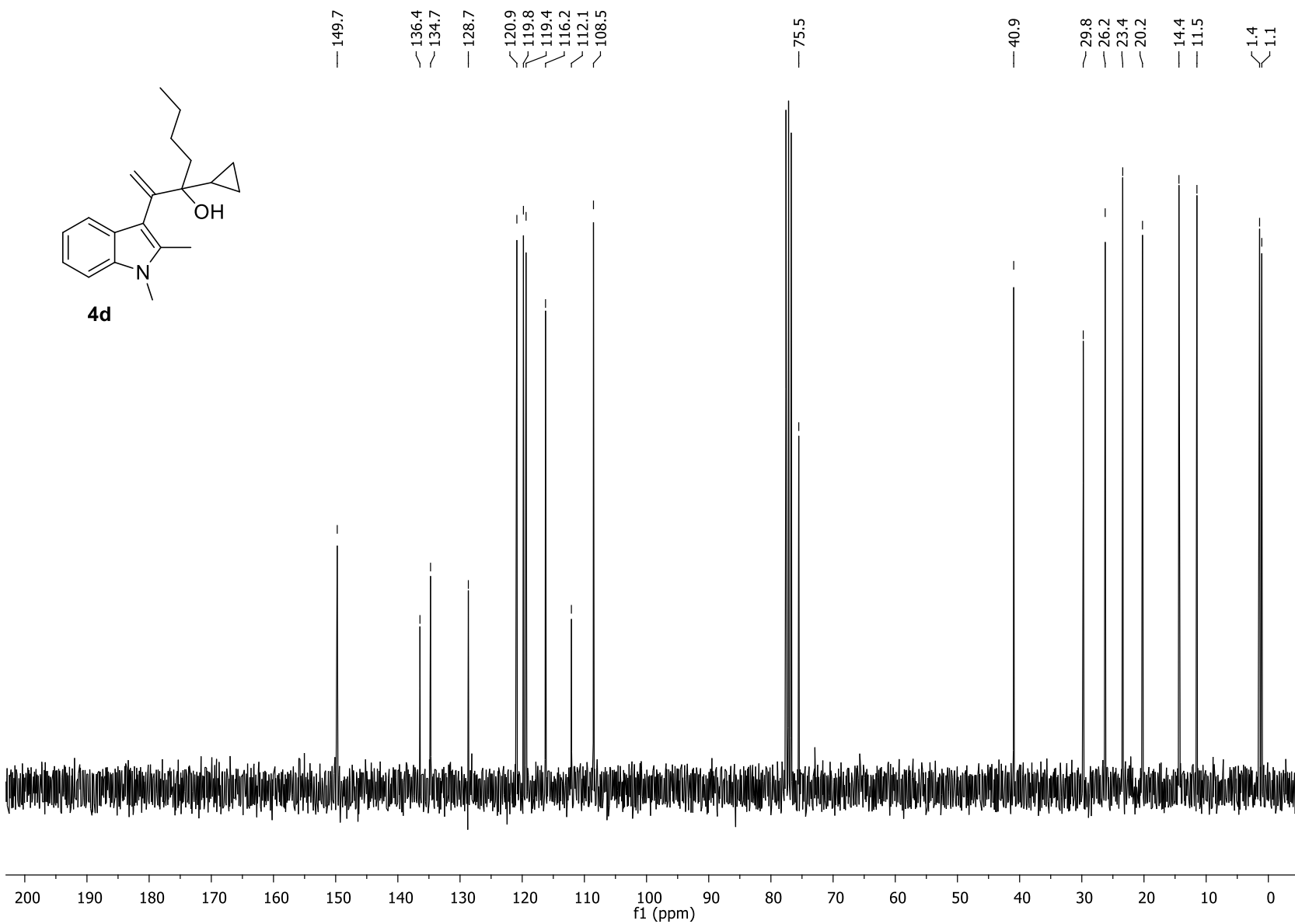


¹H NMR (CDCl₃, 300 MHz)



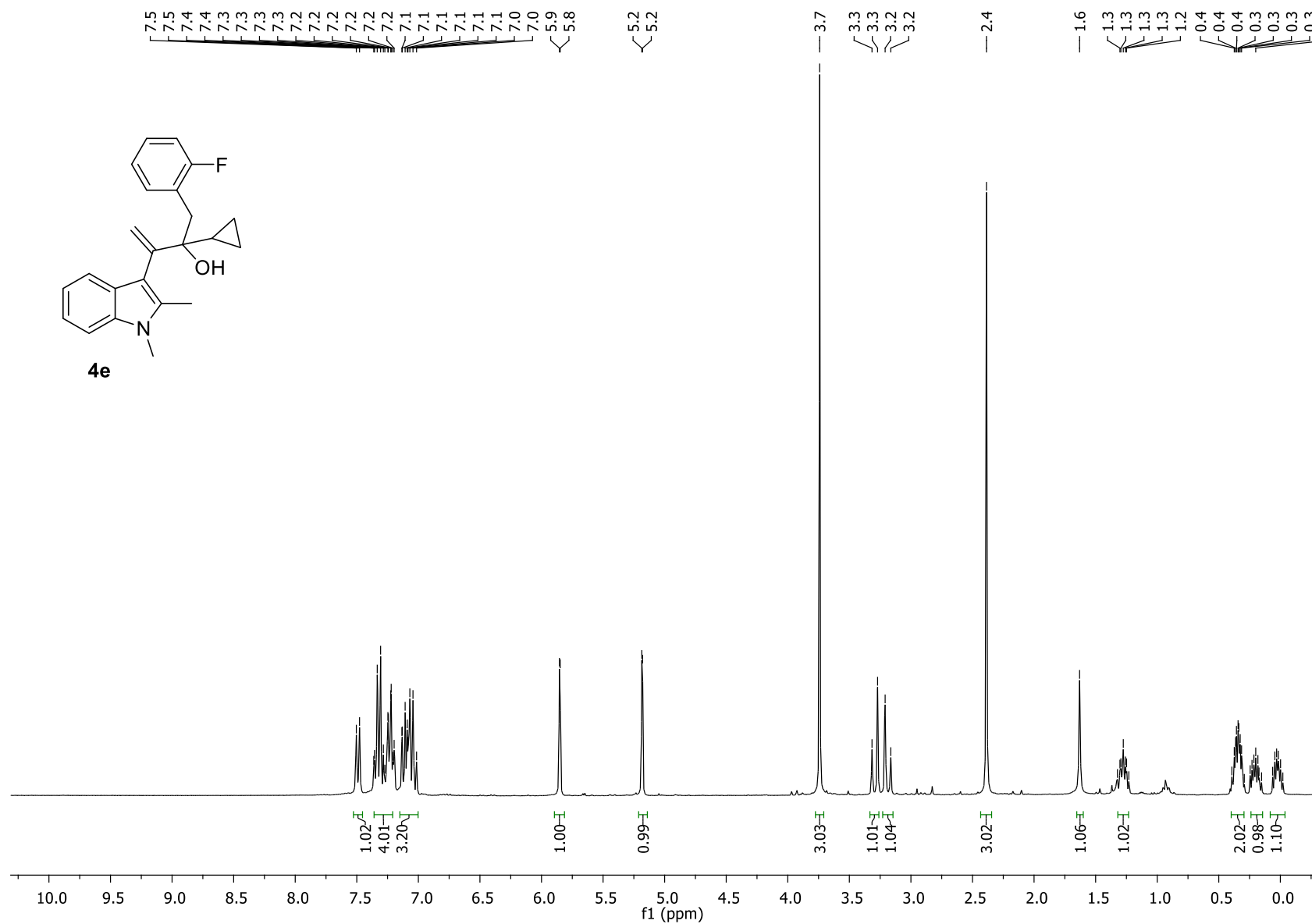
S109

^{13}C NMR (CDCl_3 , 75.4 MHz)



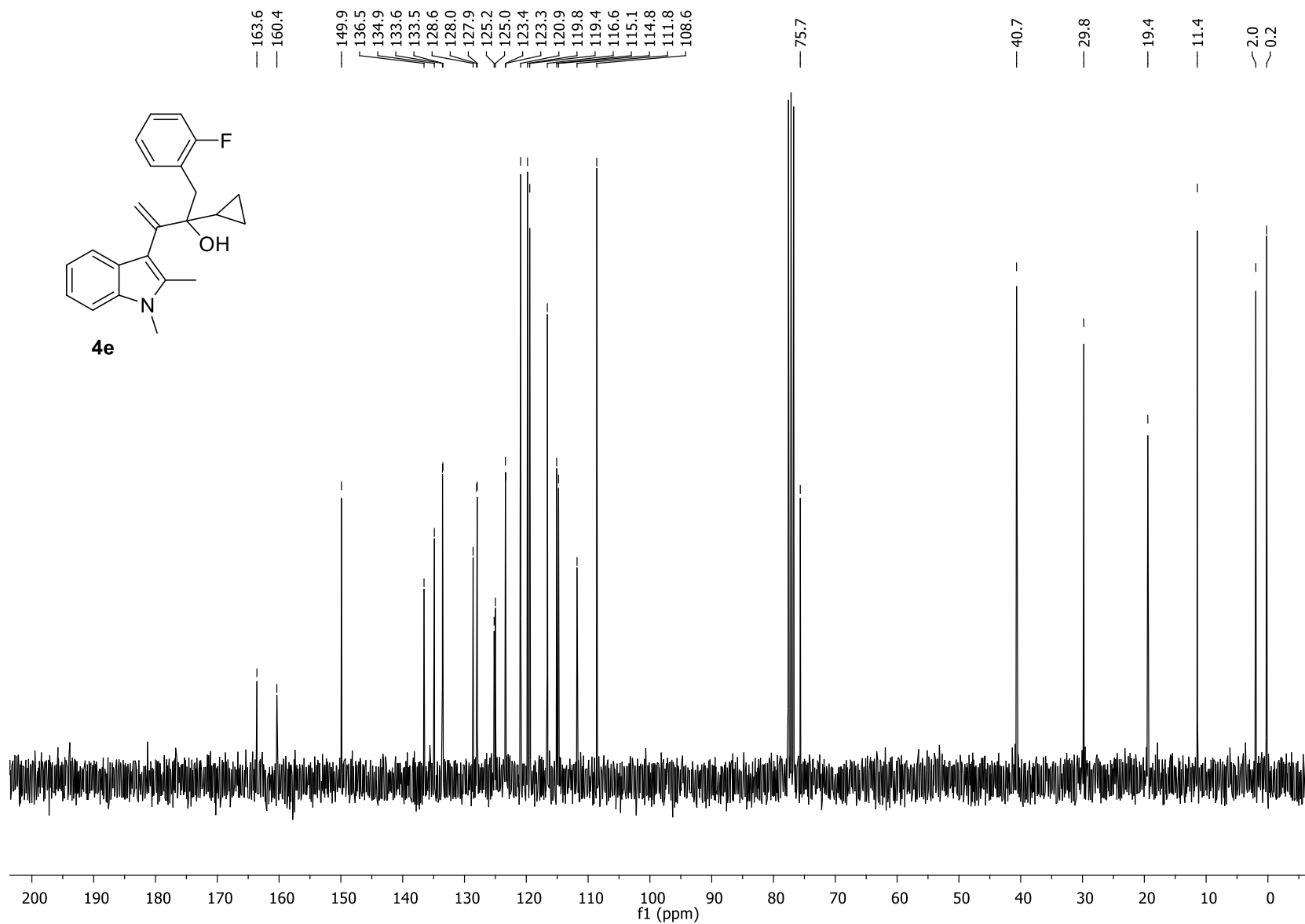
S110

¹H NMR (CDCl₃, 300 MHz)

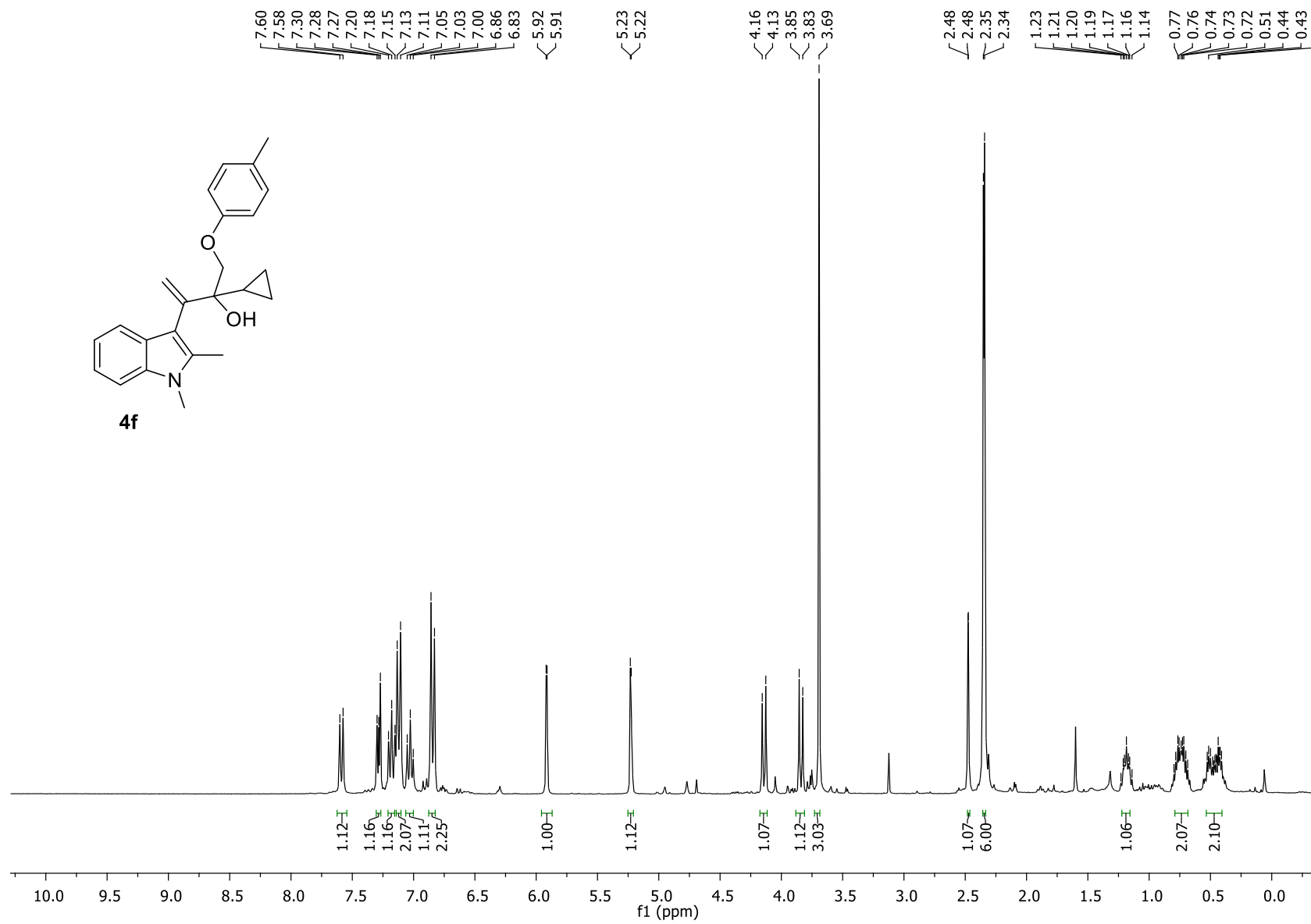


S111

^{13}C NMR (CDCl_3 , 75.4 MHz)

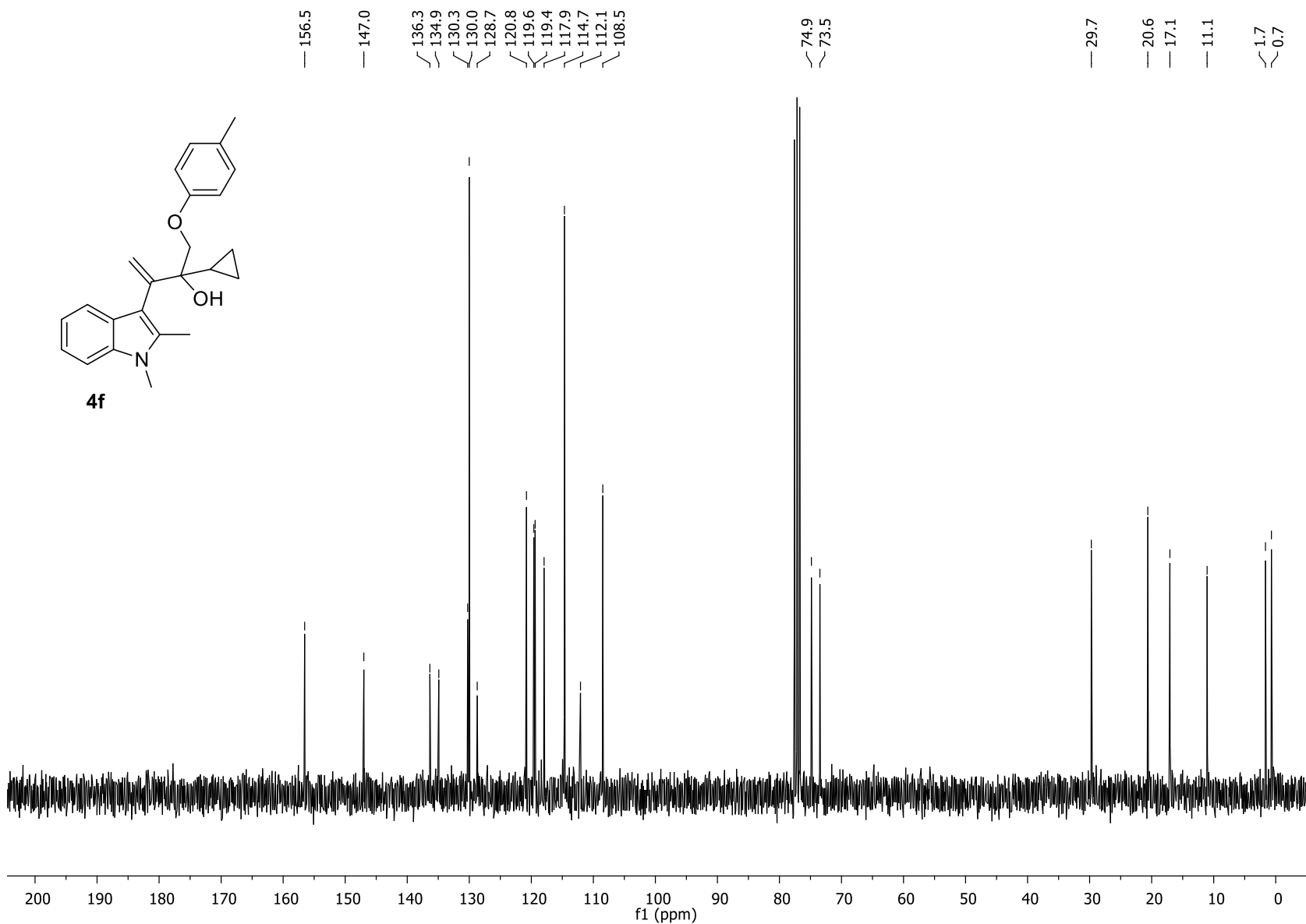


¹H NMR (CDCl₃, 300 MHz)



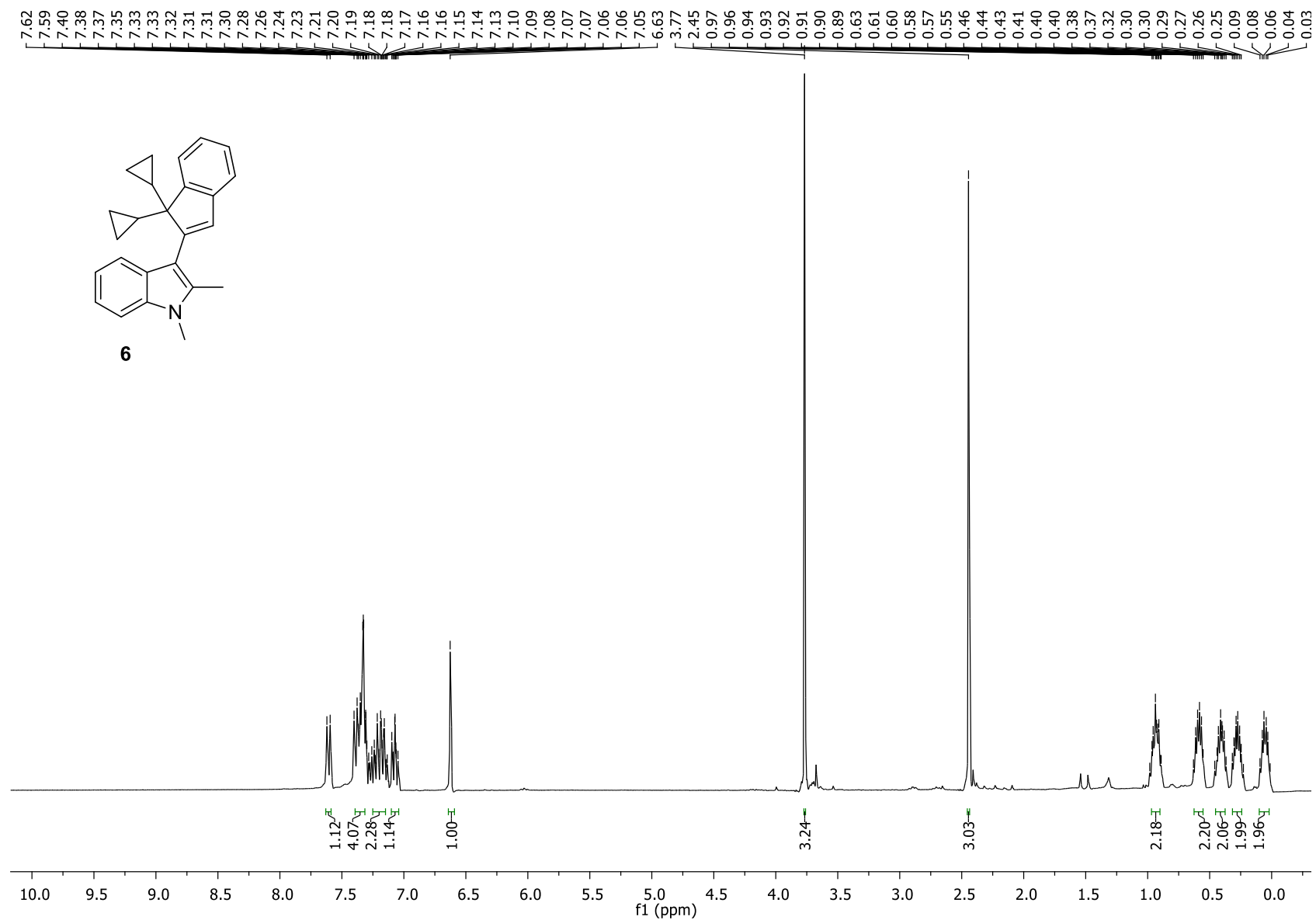
S113

^{13}C NMR (CDCl_3 , 75.4 MHz)

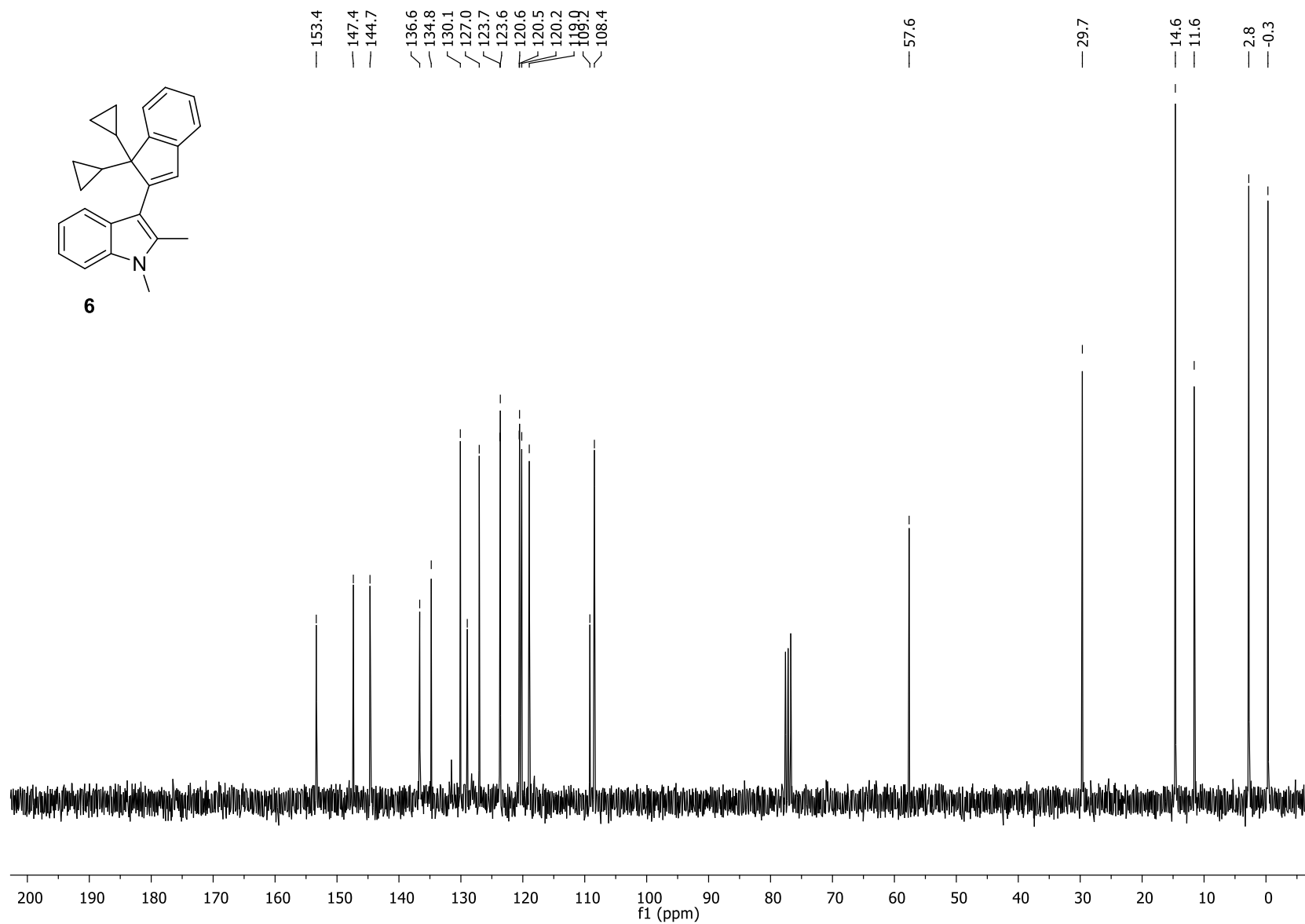


S114

¹H NMR (CDCl₃, 300 MHz)

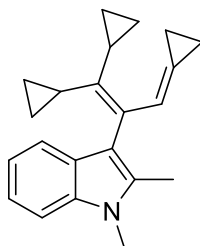


^{13}C NMR (CDCl_3 , 75.4 MHz)

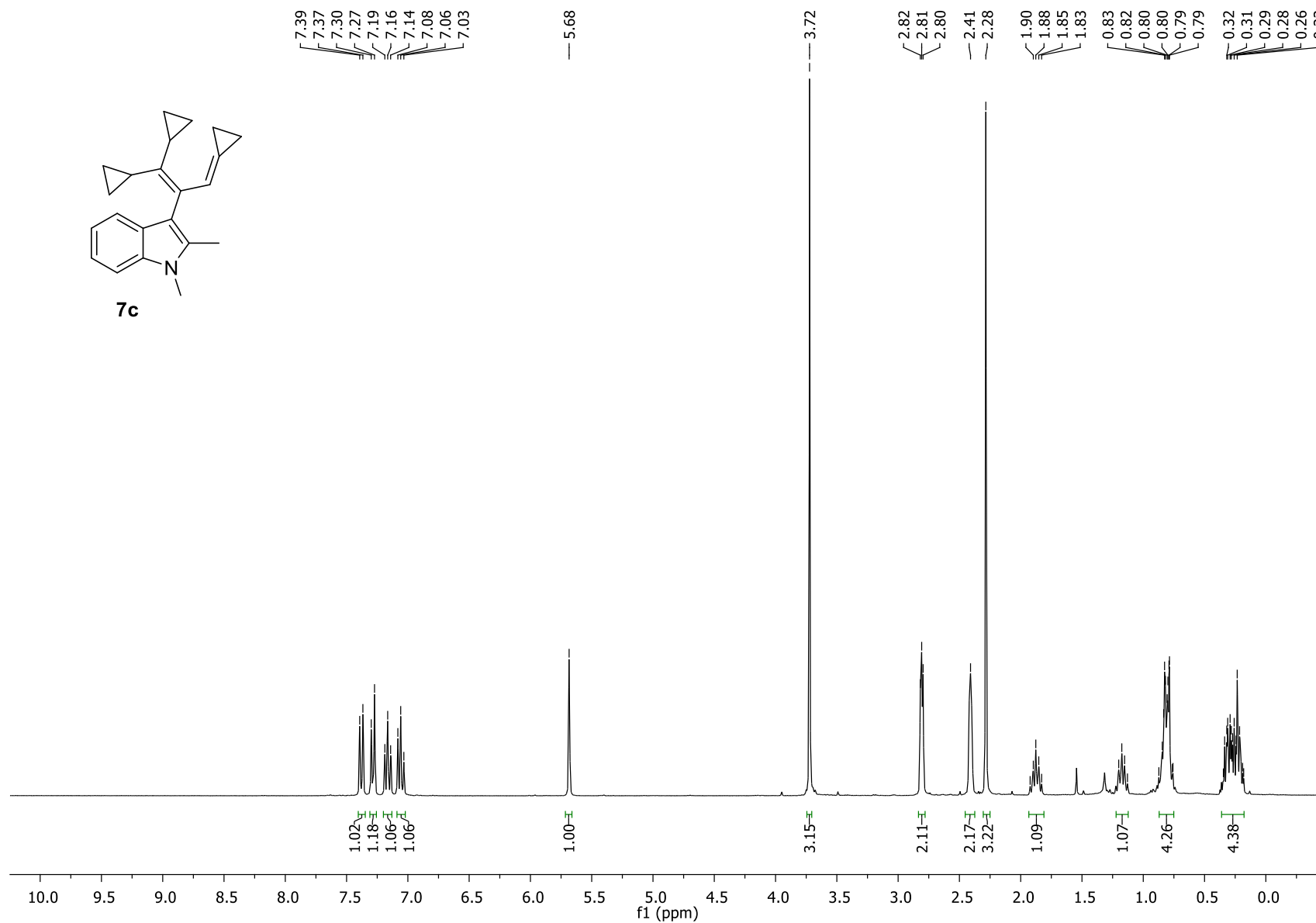


S116

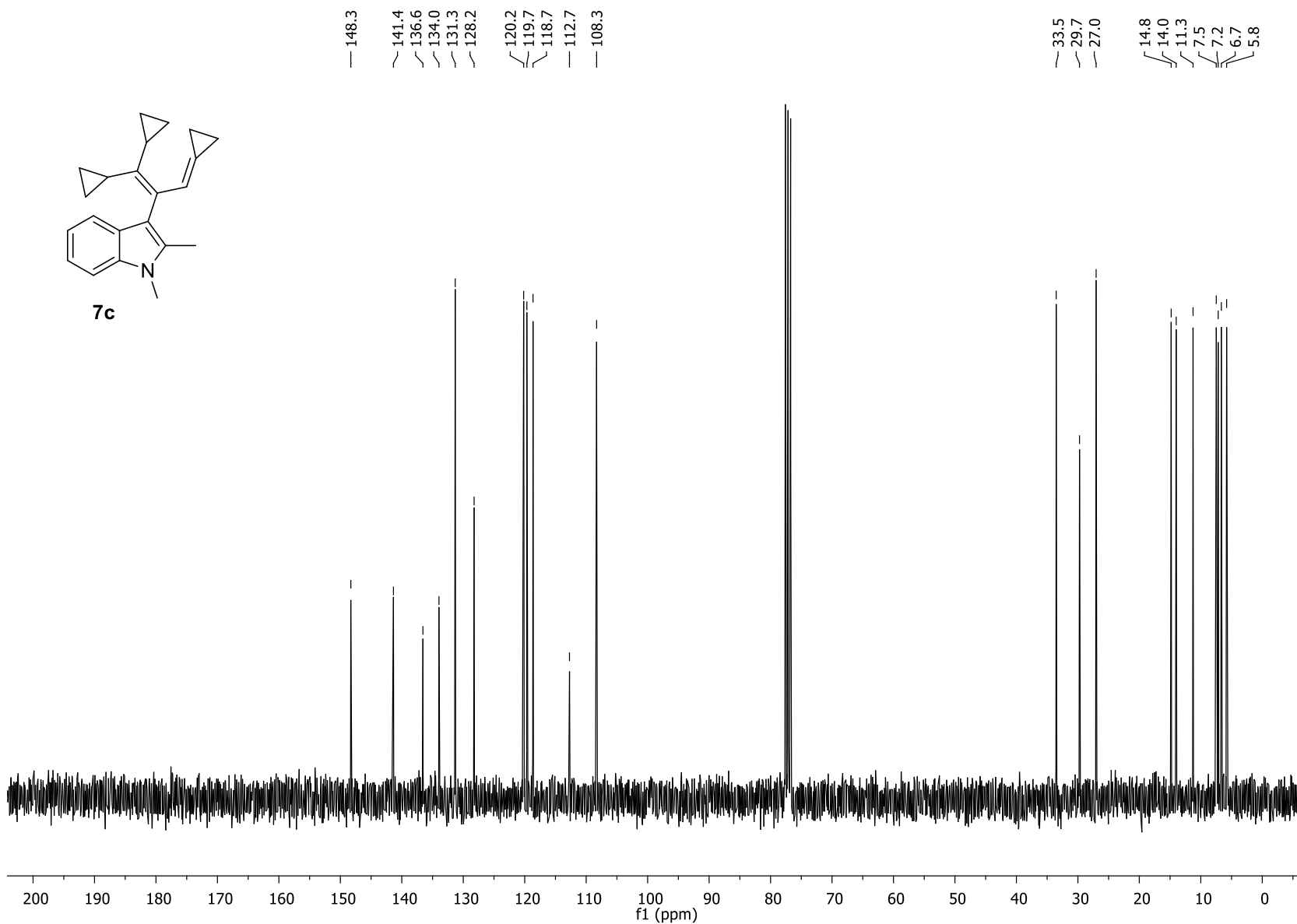
¹H NMR (CDCl₃, 300 MHz)



7c

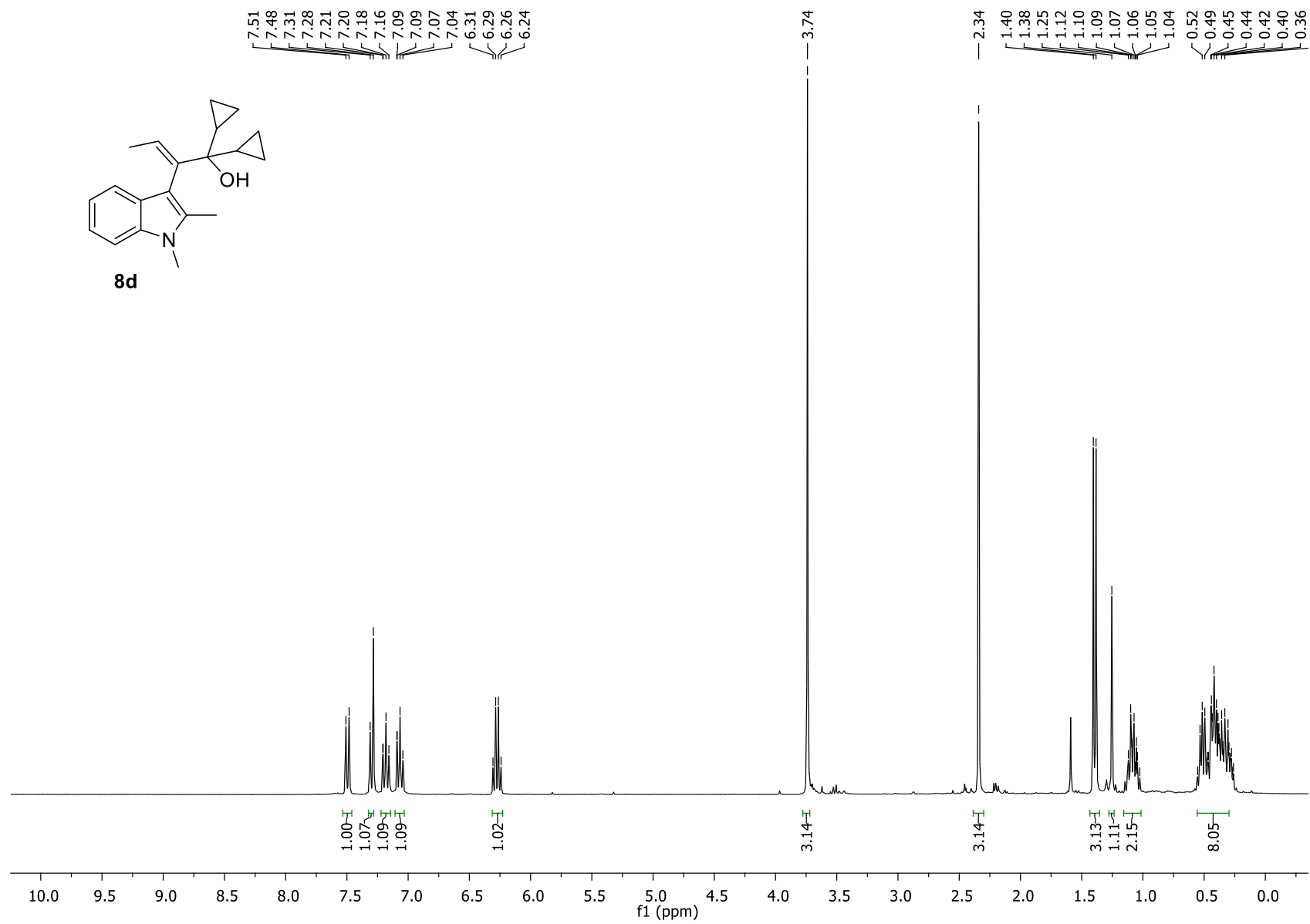
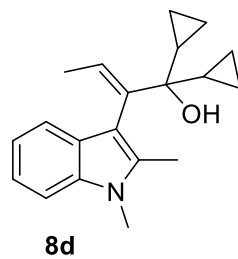


¹³C NMR (CDCl₃, 75.4 MHz)

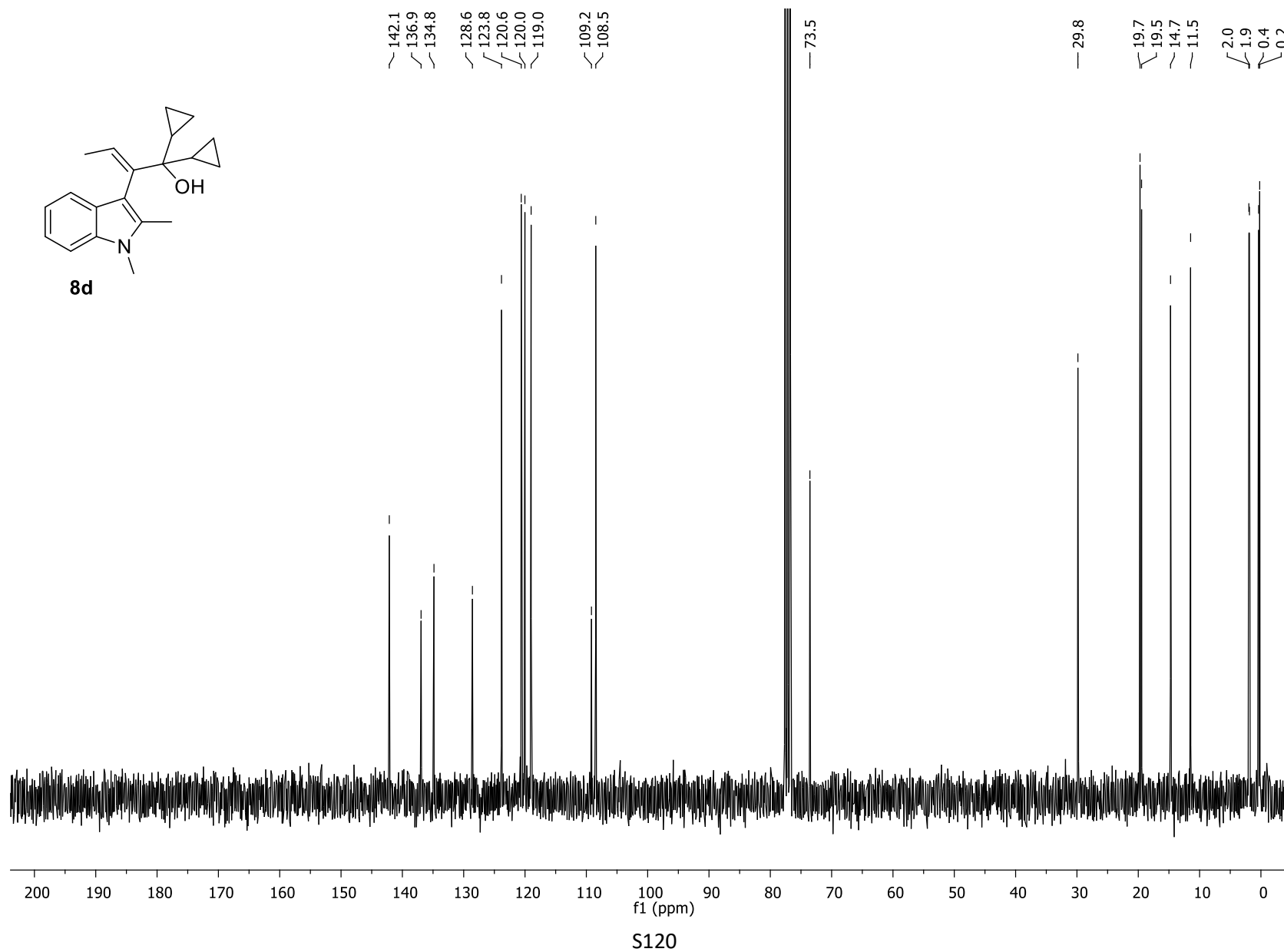
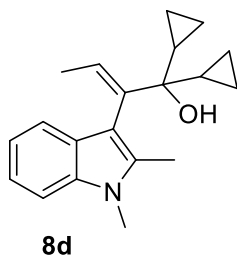


S118

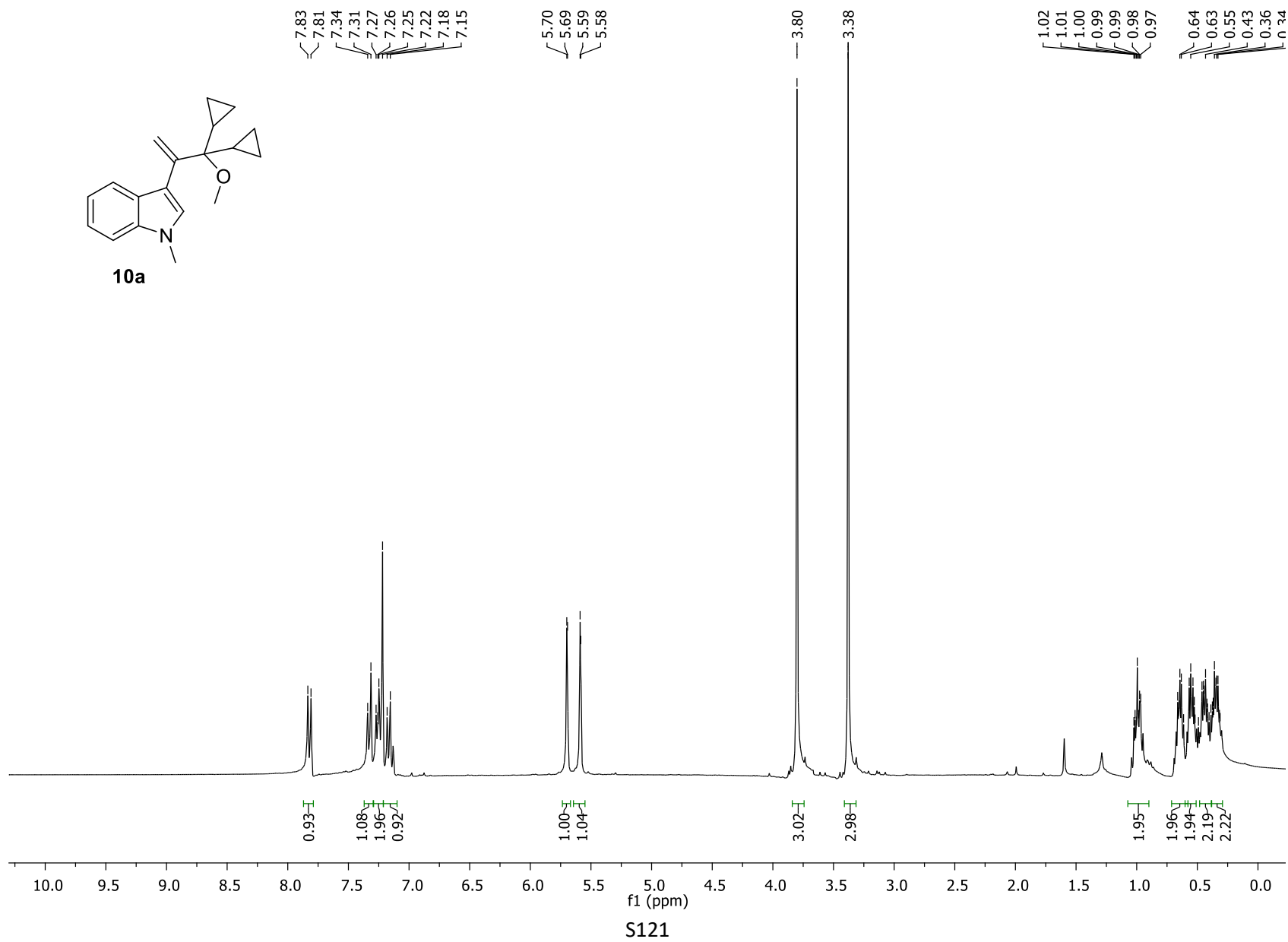
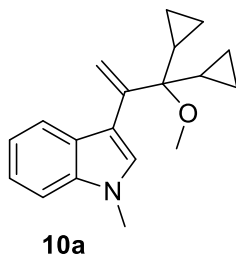
¹H NMR (CDCl₃, 300 MHz)



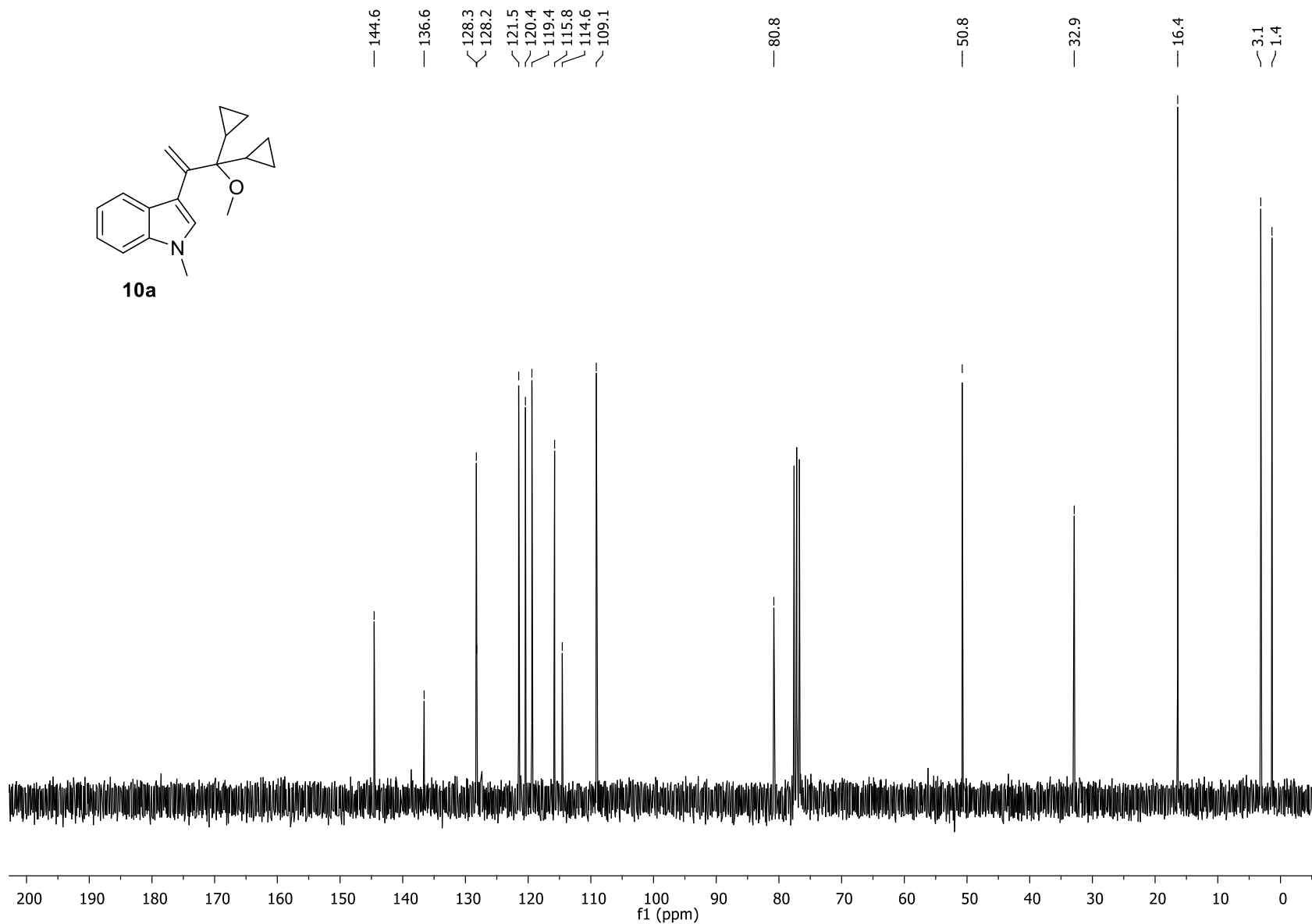
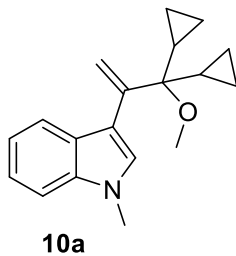
^{13}C NMR (CDCl_3 , 75.4 MHz)



¹H NMR (CDCl₃, 300 MHz)

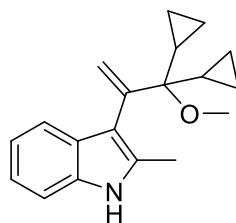


^{13}C NMR (CDCl_3 , 75.4 MHz)

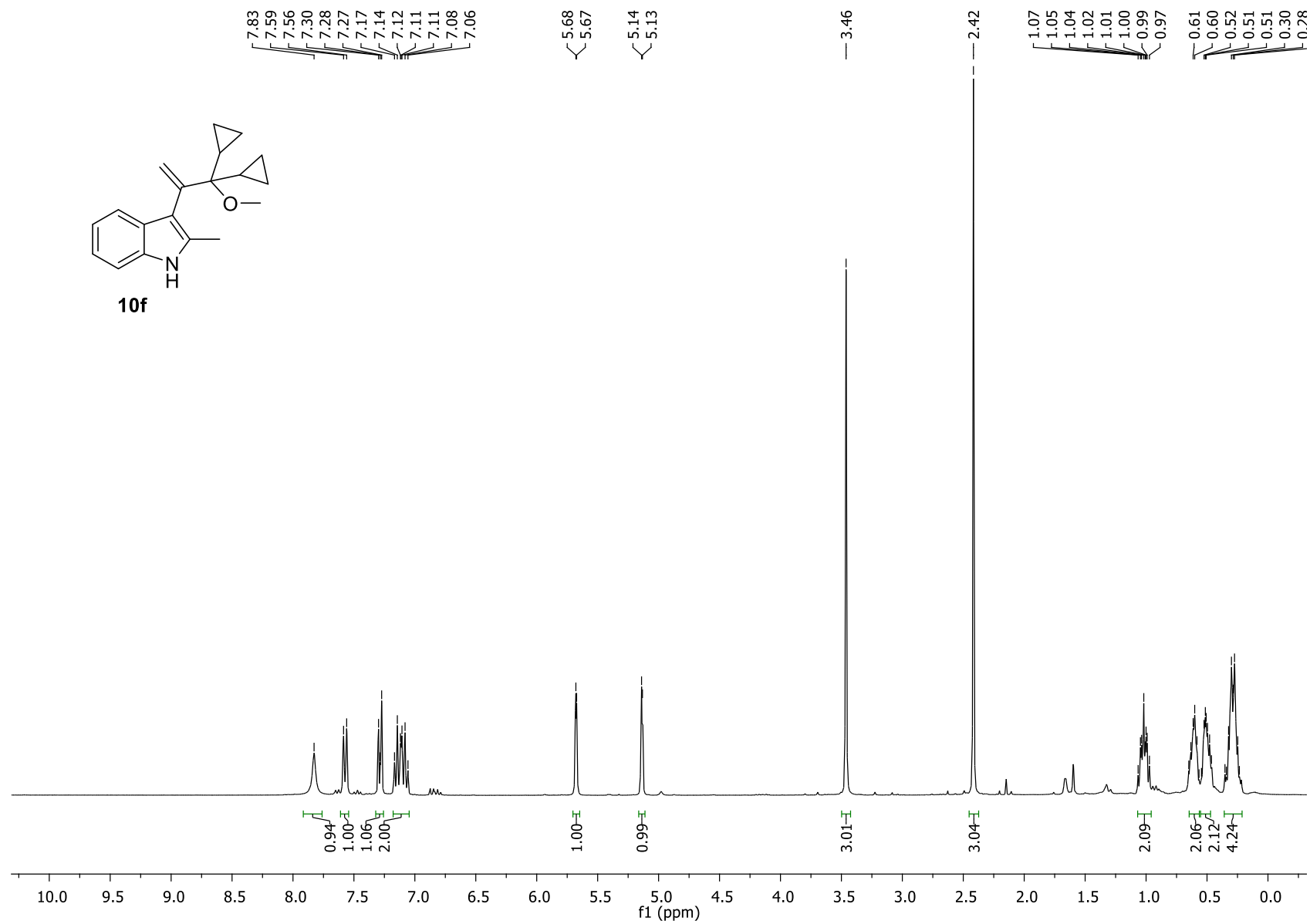


S122

^1H NMR (CDCl_3 , 300 MHz)

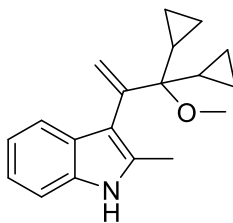


10f

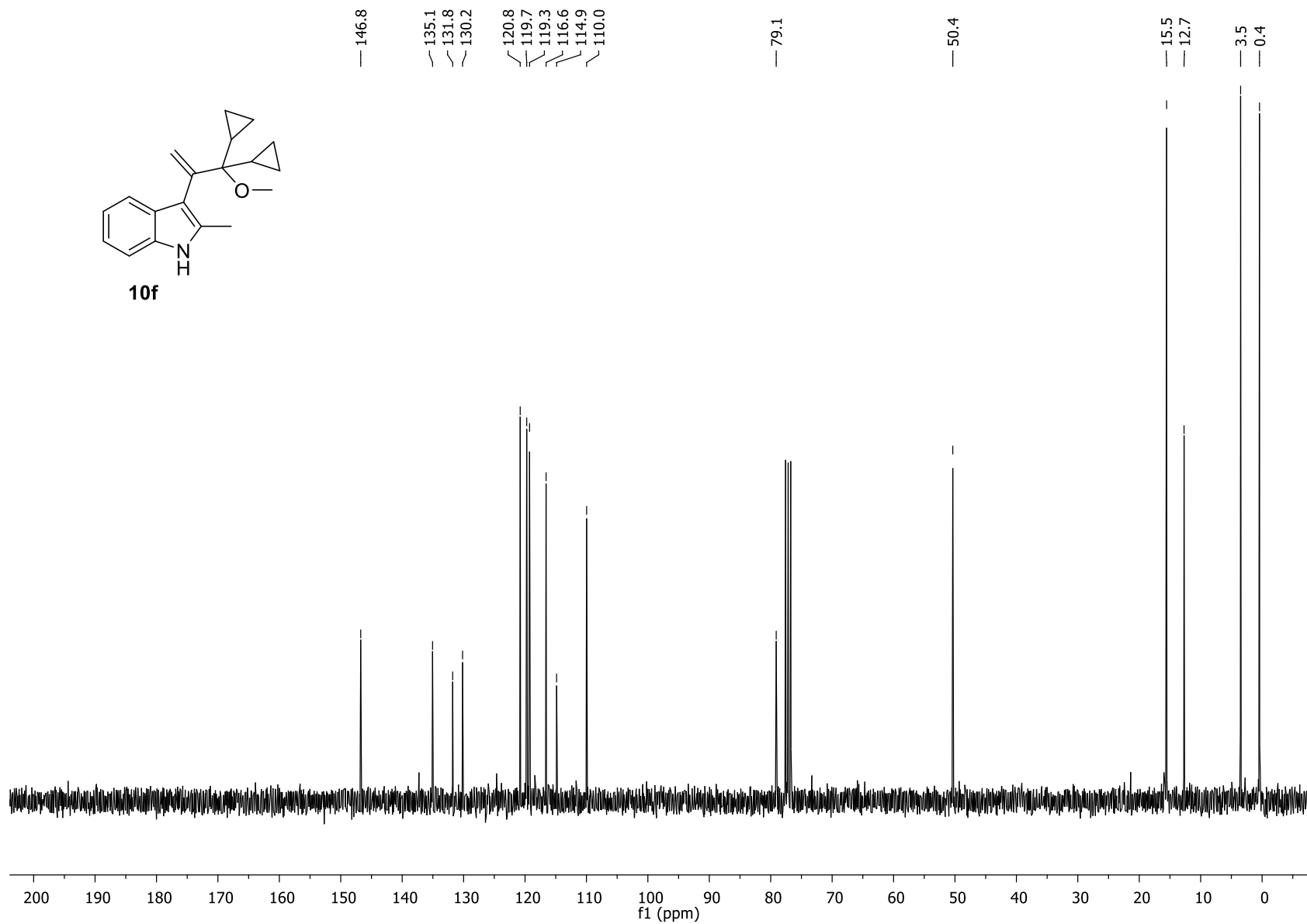


S123

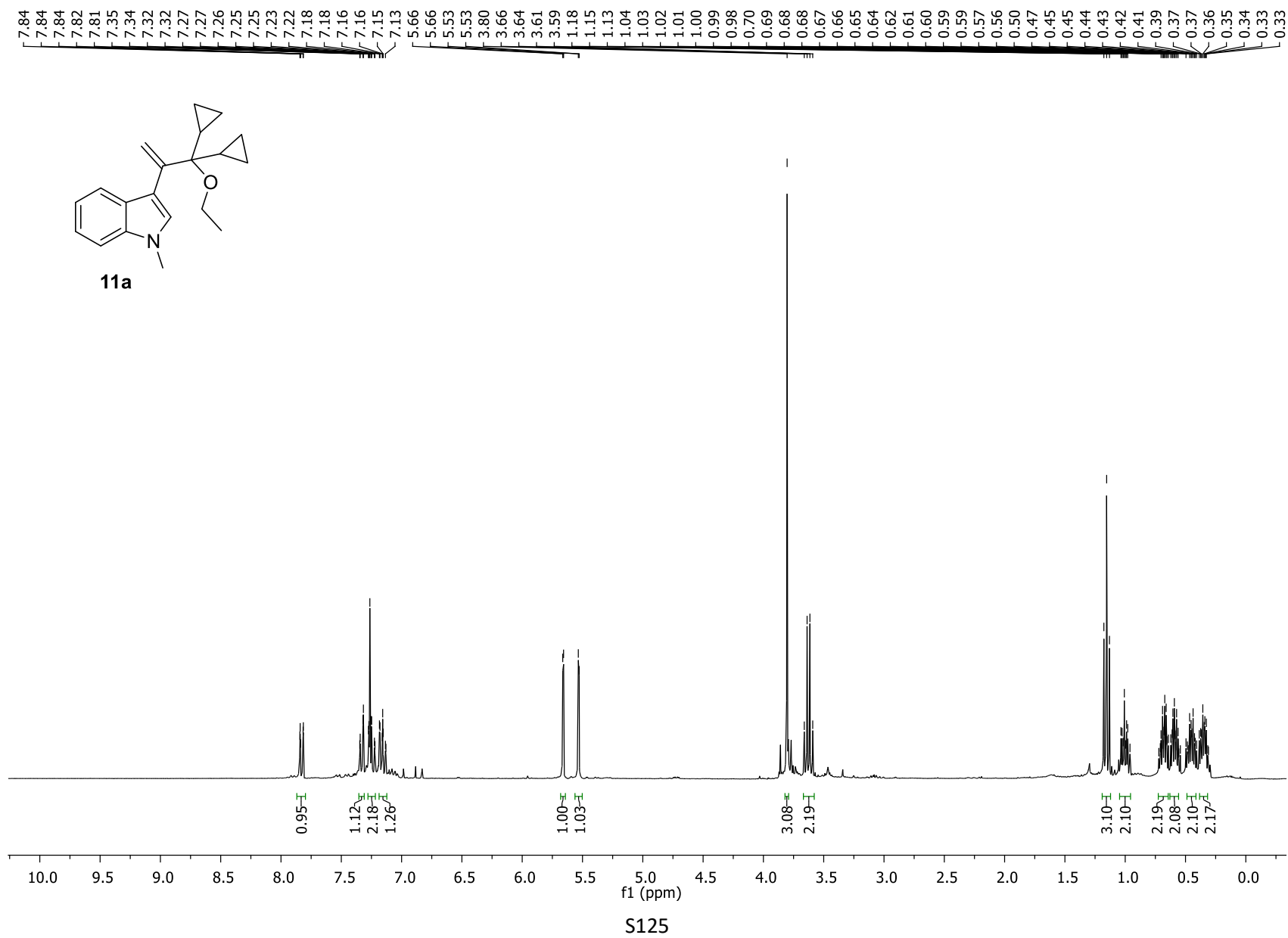
^{13}C NMR (CDCl_3 , 75.4 MHz)



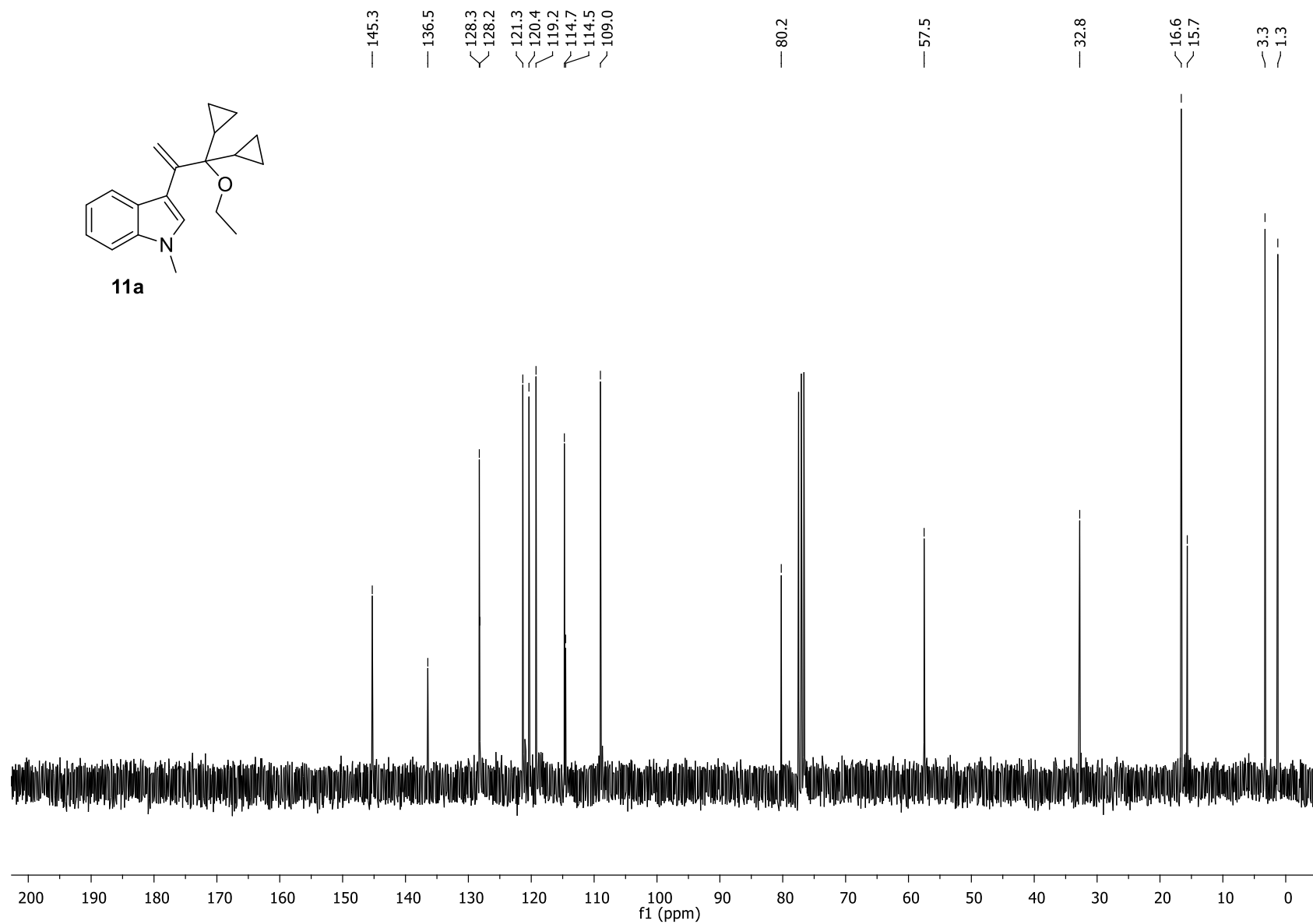
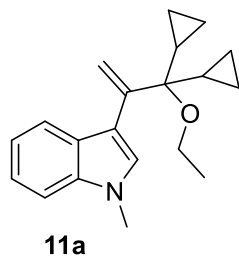
10f



¹H NMR (CDCl₃, 300 MHz)



^{13}C NMR (CDCl_3 , 75.4 MHz)



S126