

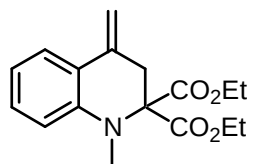
Gold(I)-Catalyzed Formation of Dihydroquinolines and Indoles from *N*-Aminophenyl propargyl malonates

Colombe Gronnier, Yann Odabachian, and Fabien Gagosz*

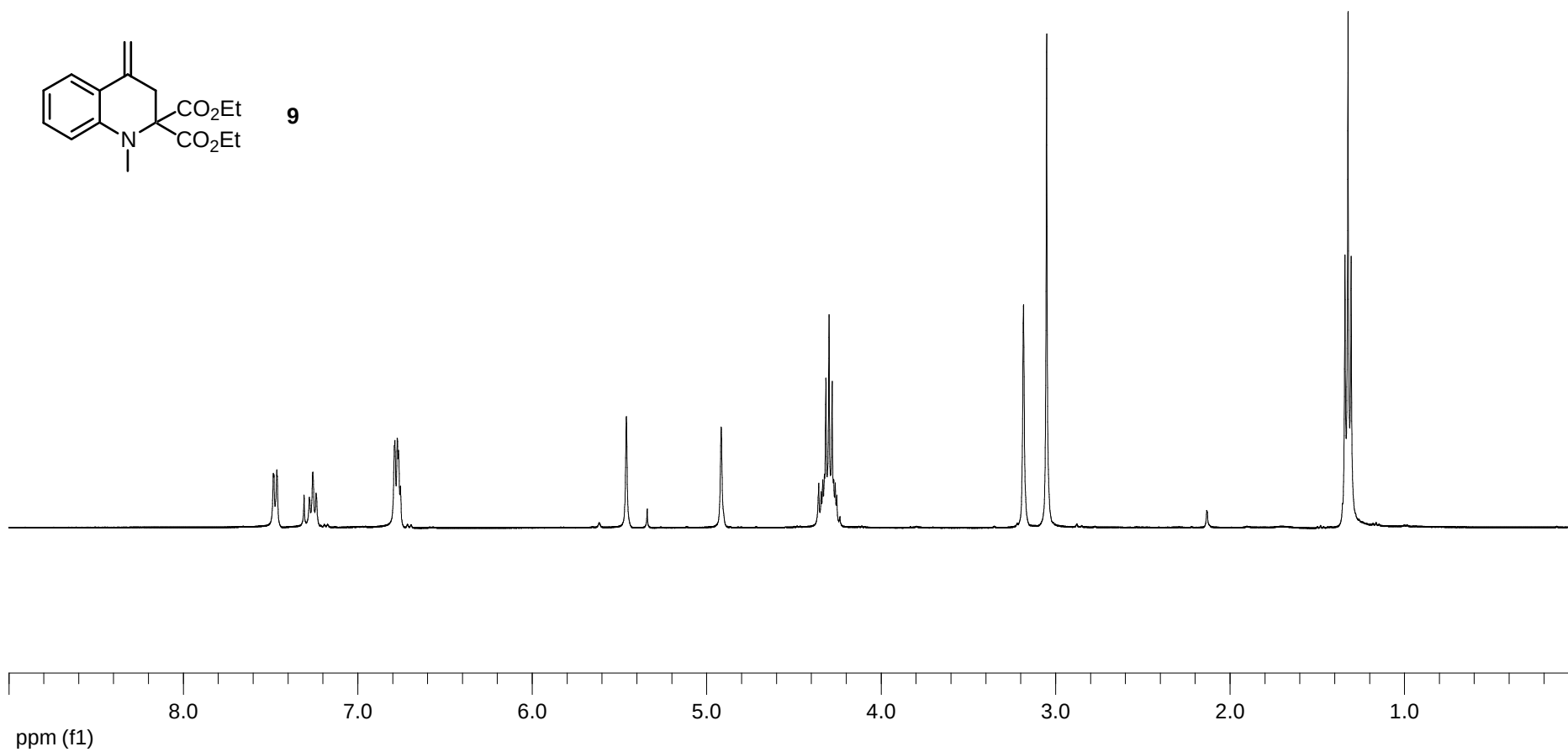
Laboratoire de Synthèse Organique, UMR 7652 CNRS / Ecole Polytechnique, 91128 Palaiseau, France.

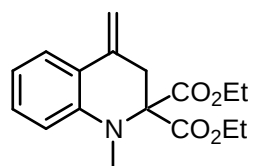
Supporting Information

NMR Spectra for products **9**, **10**, **16a-u**, **11**, **20a-d**.

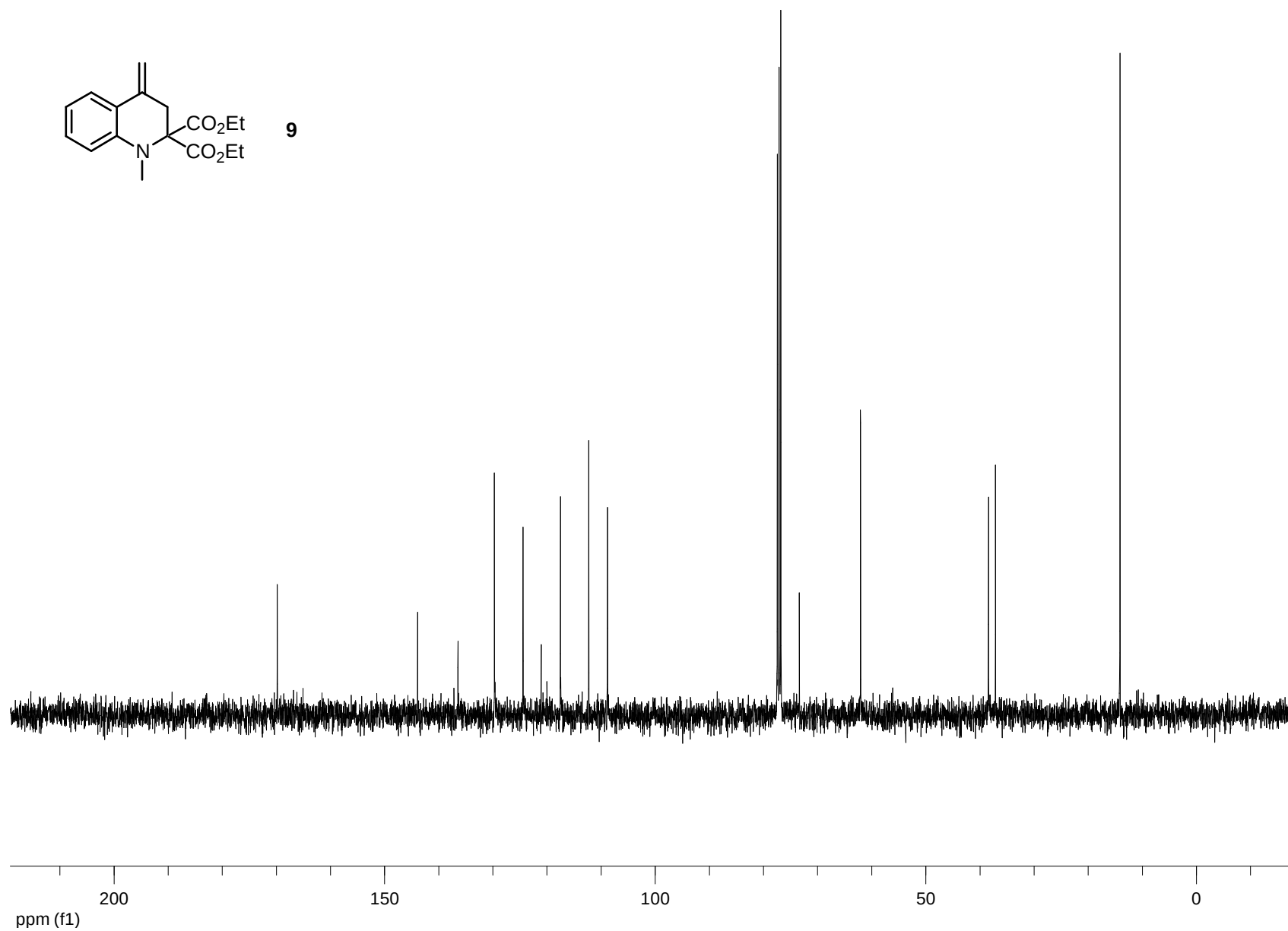


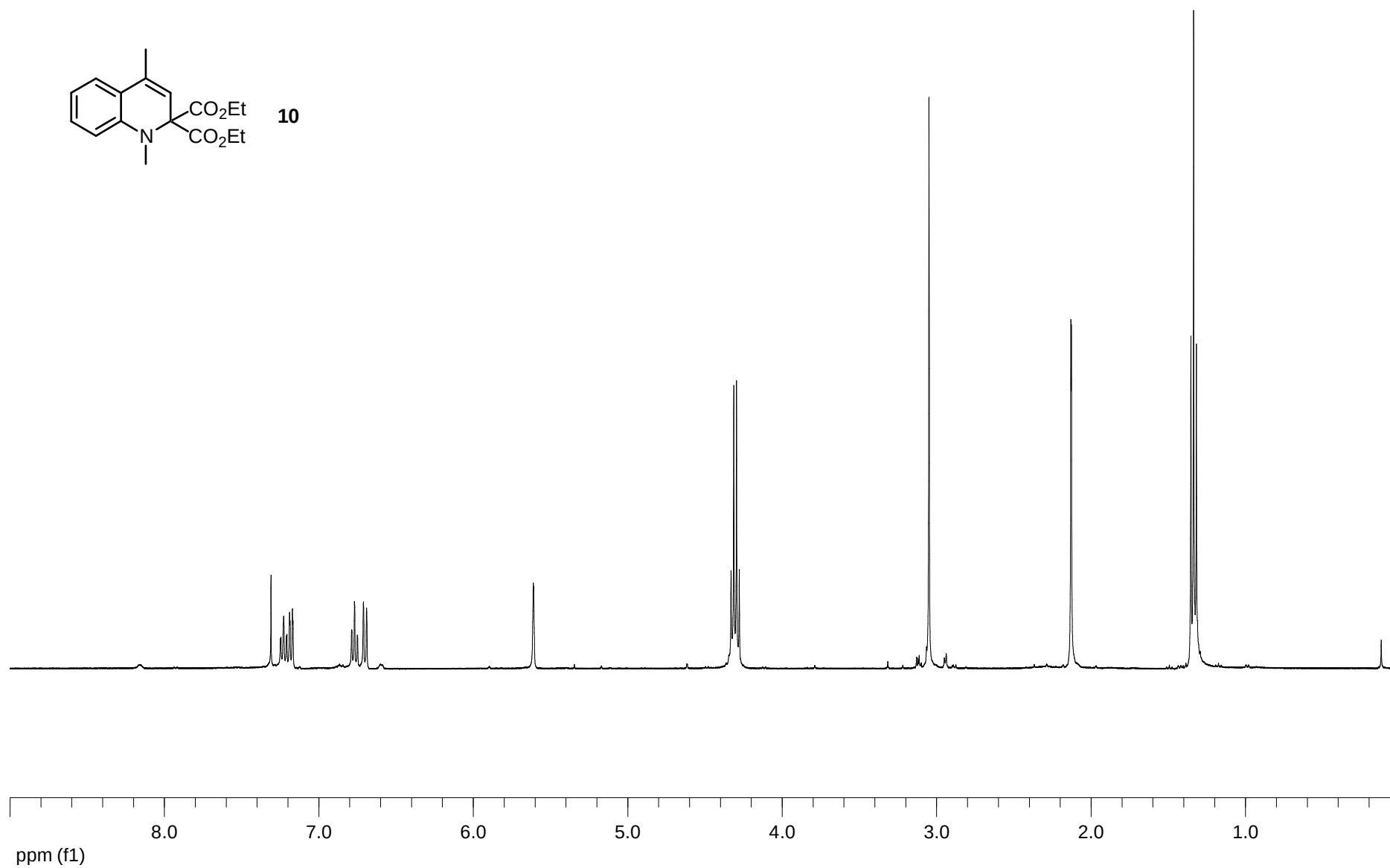
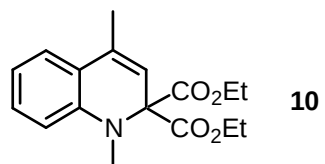
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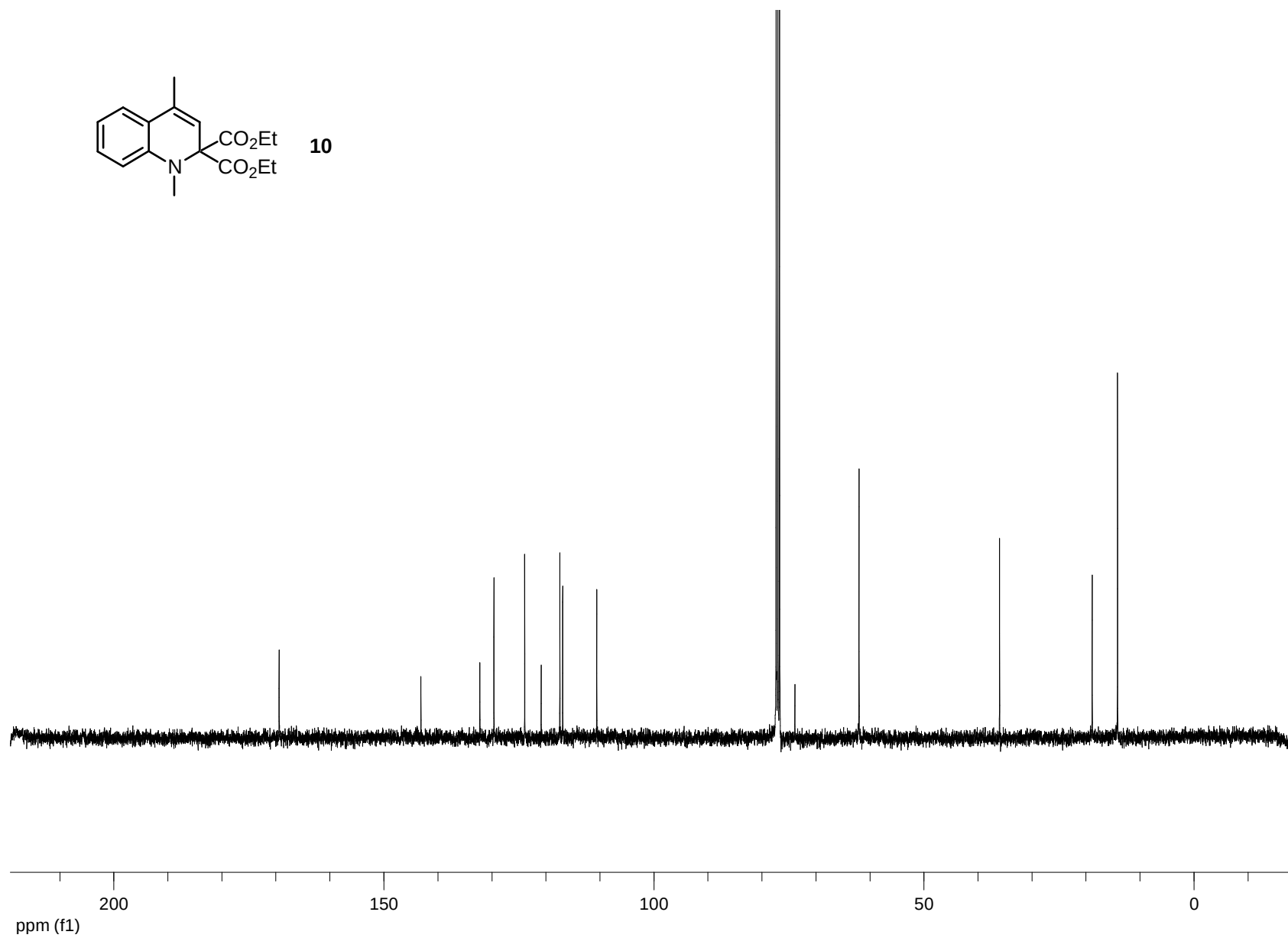
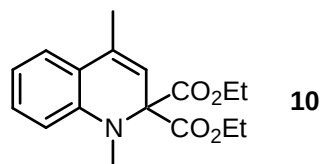


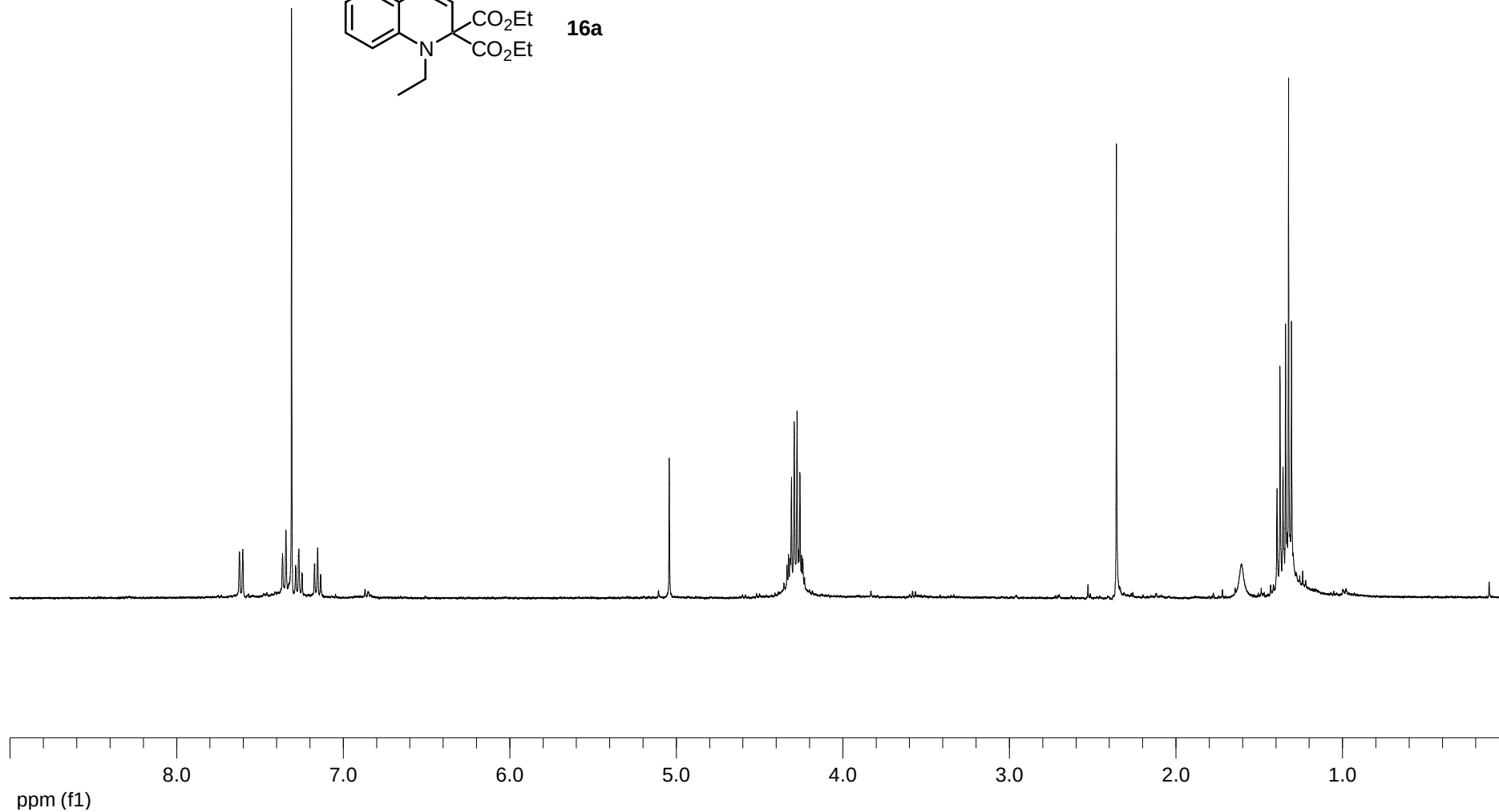
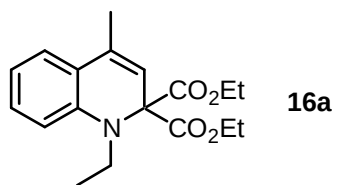


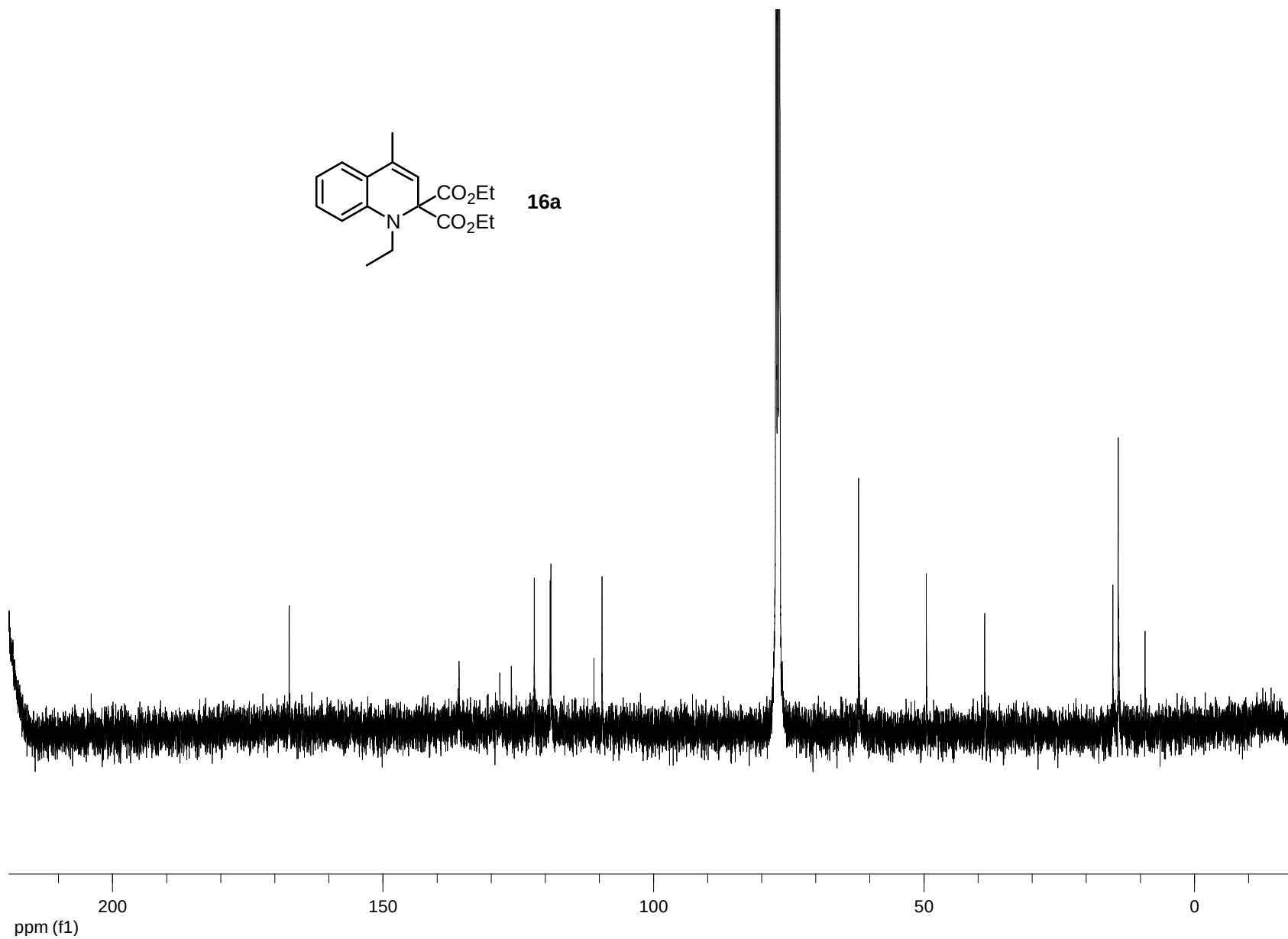
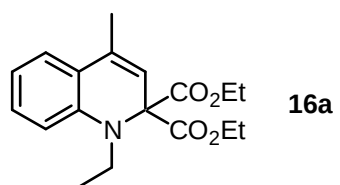
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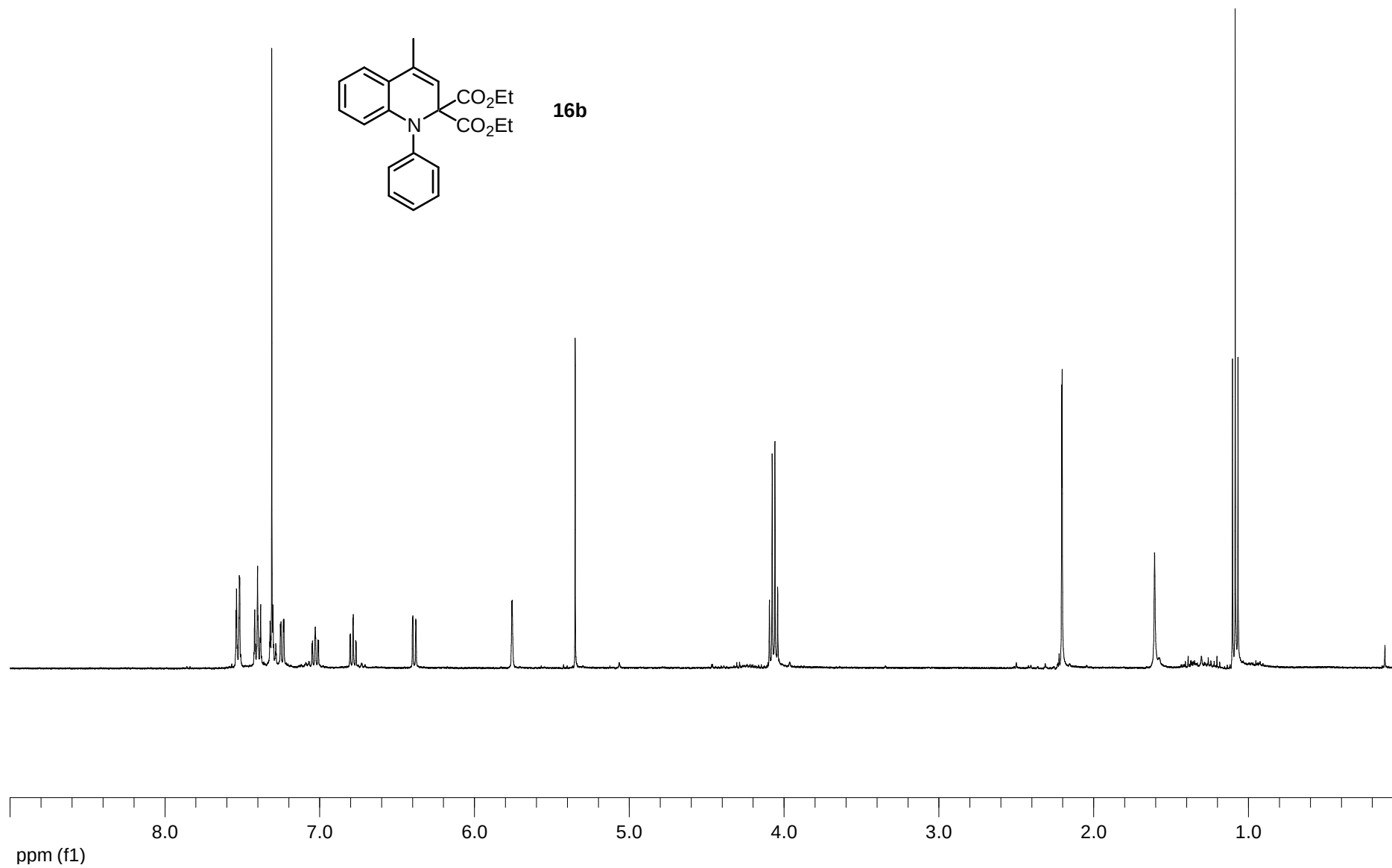
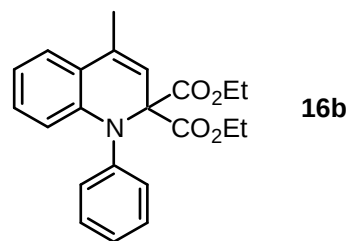


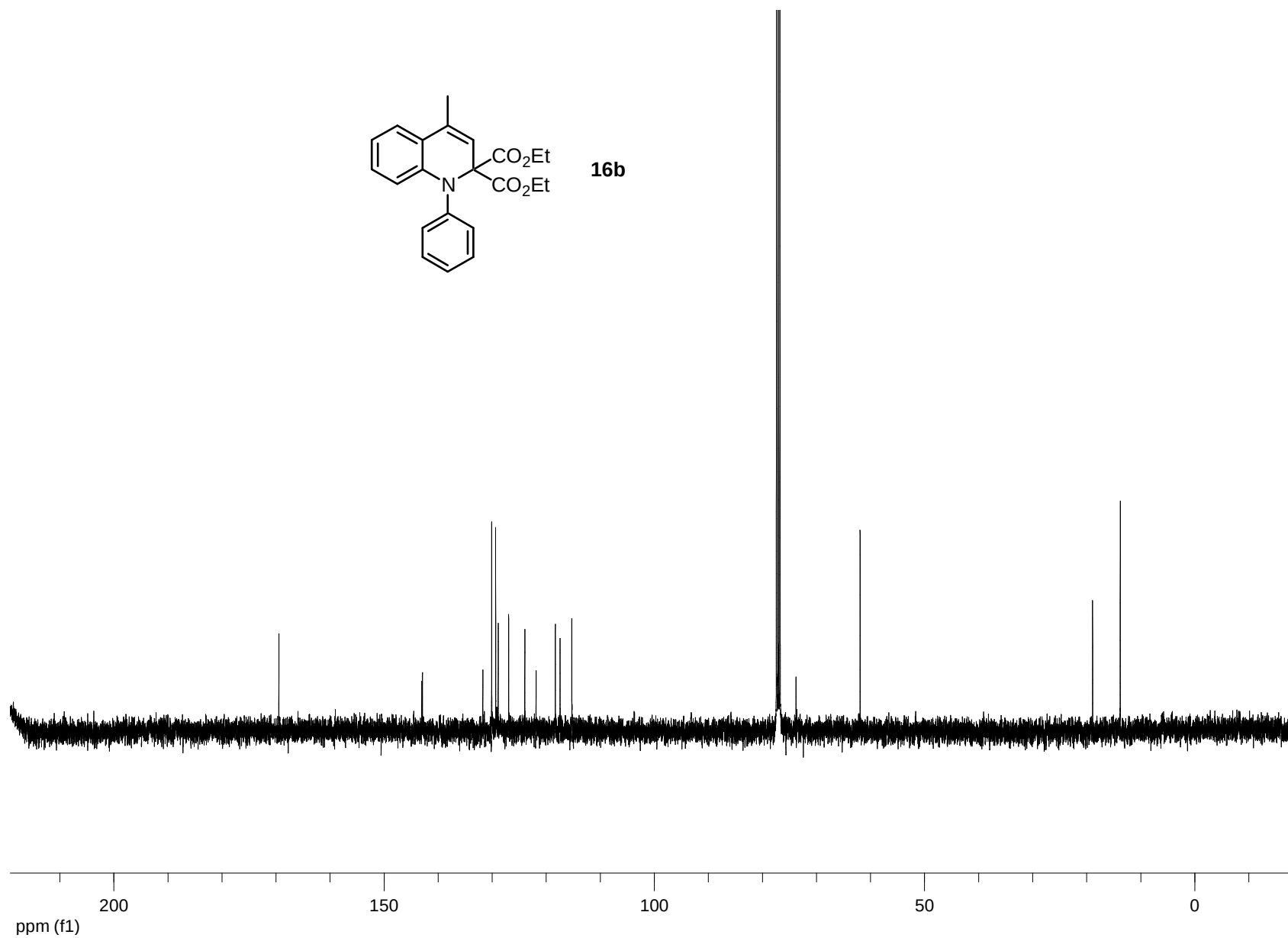
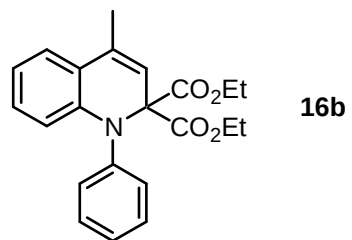


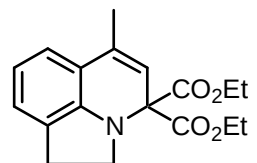




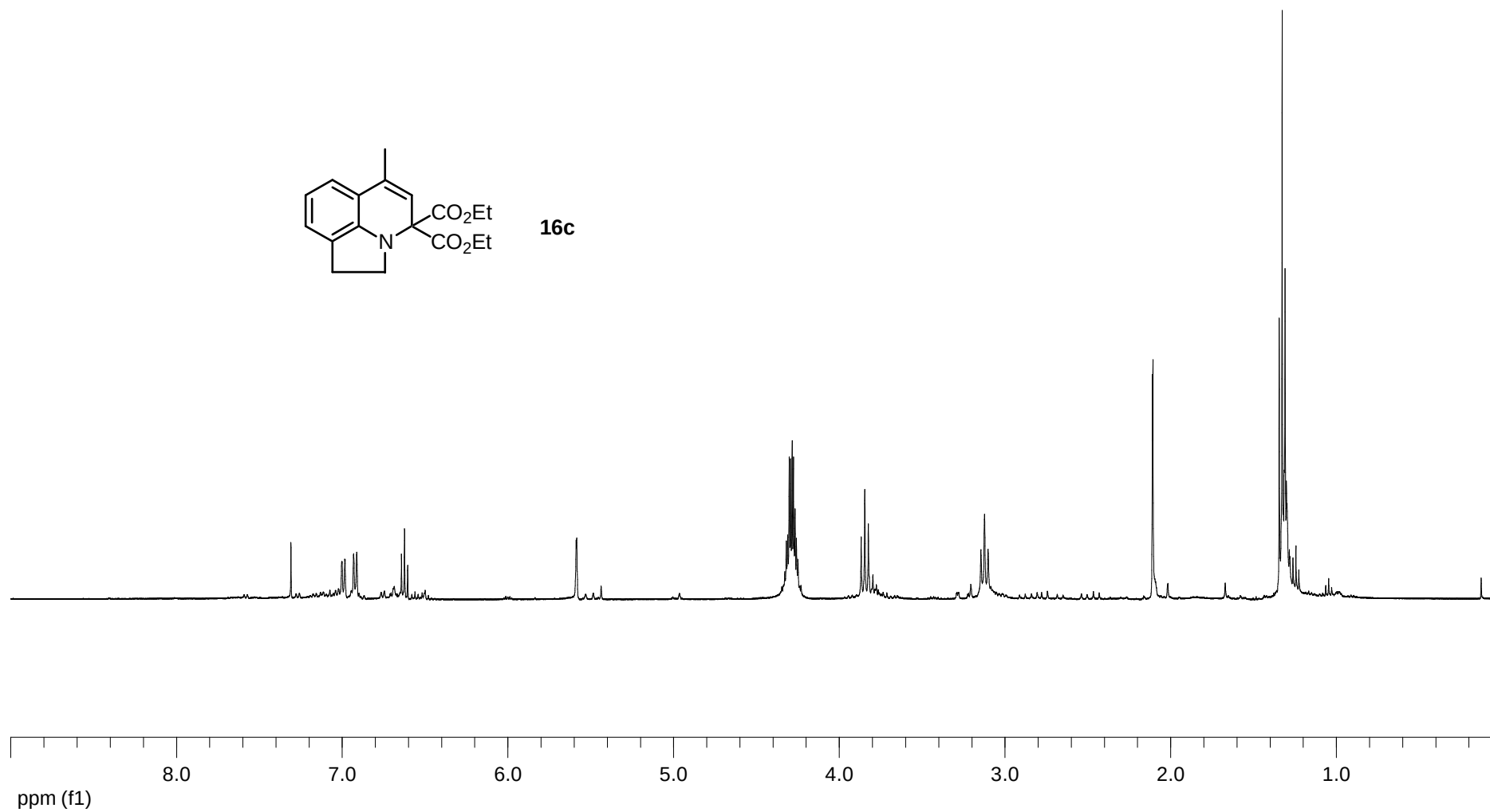


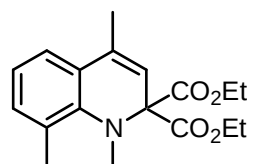




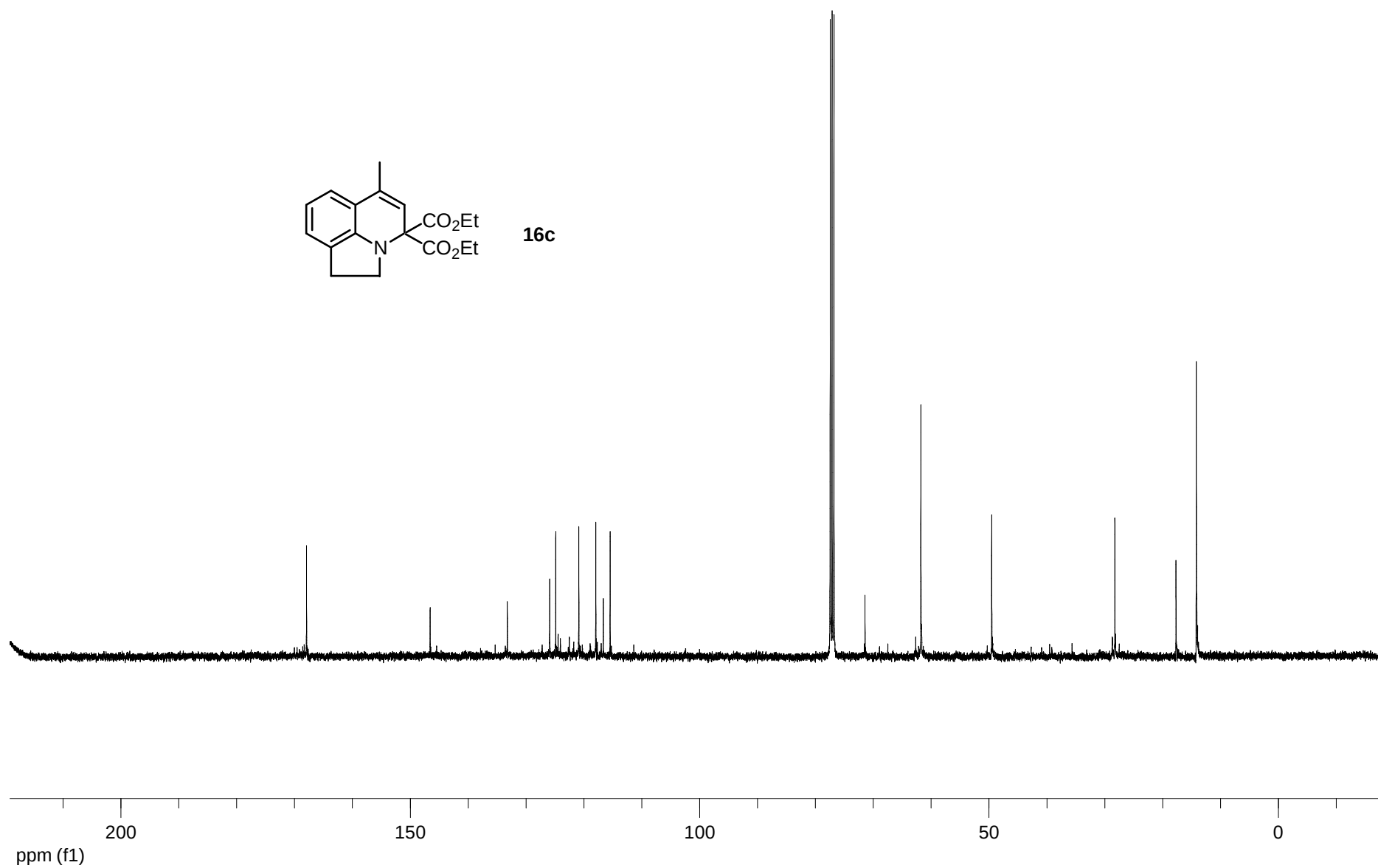


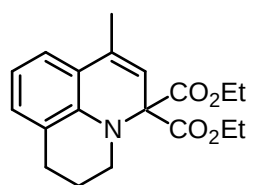
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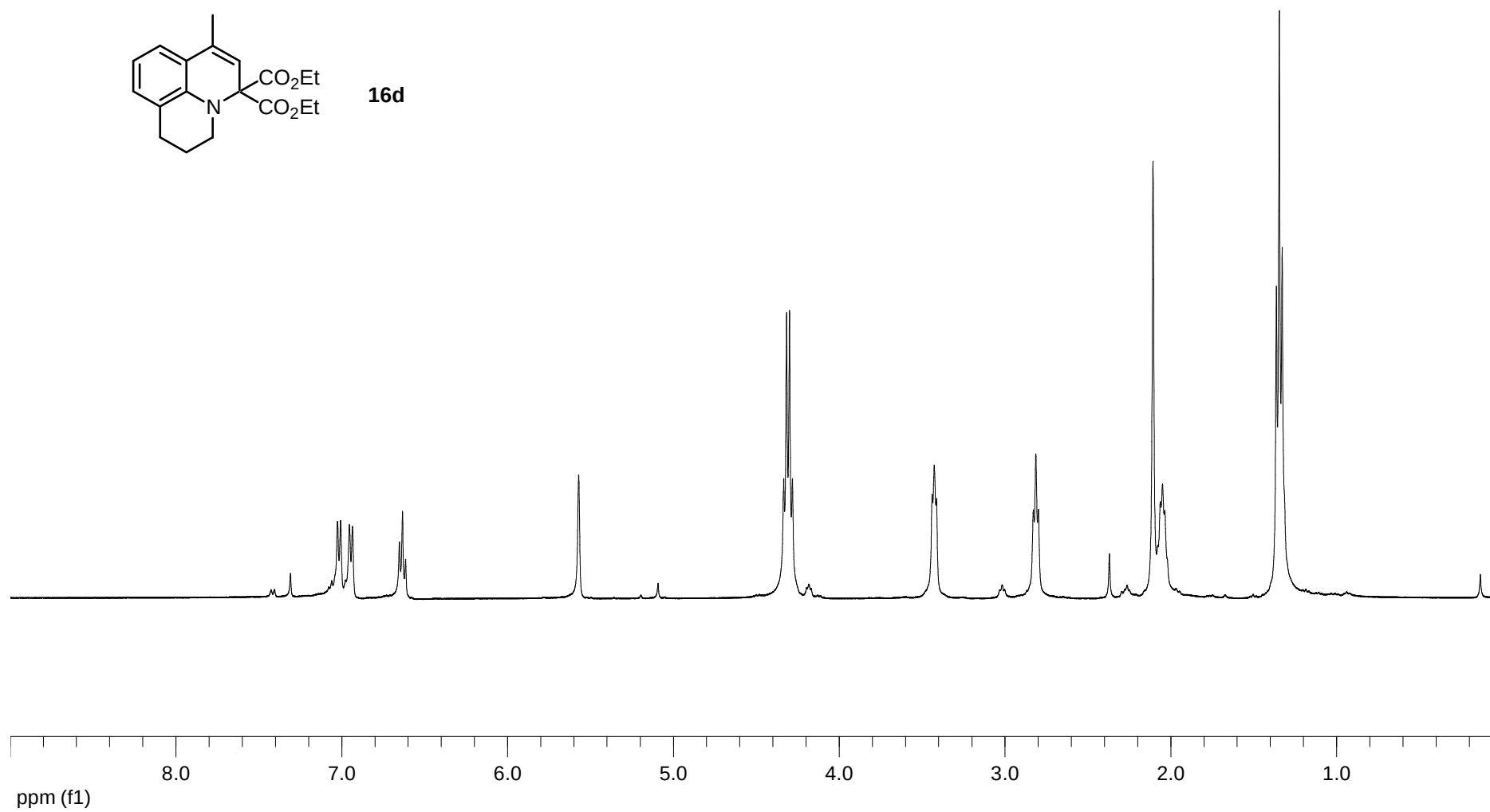


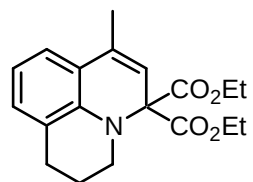
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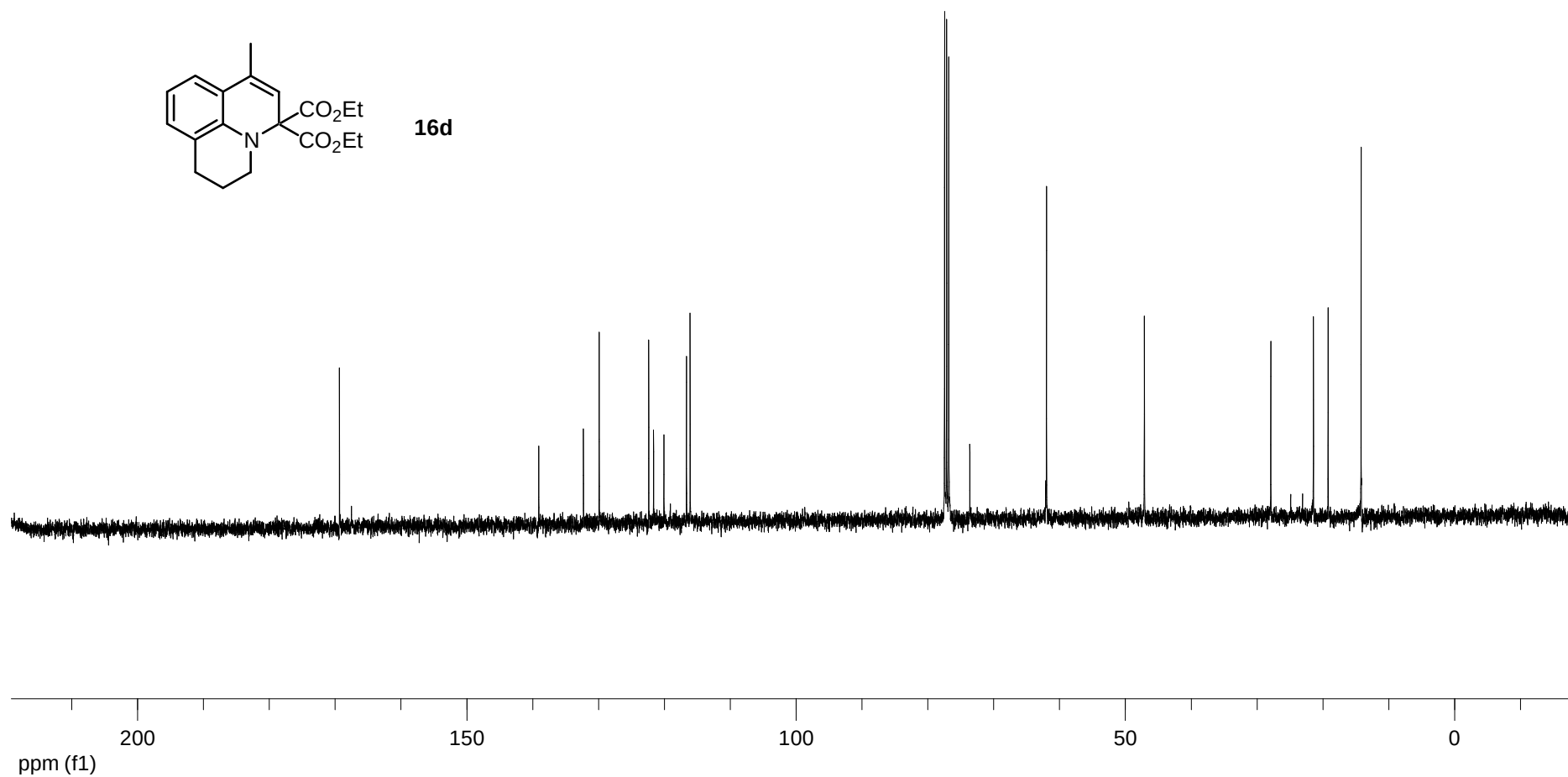


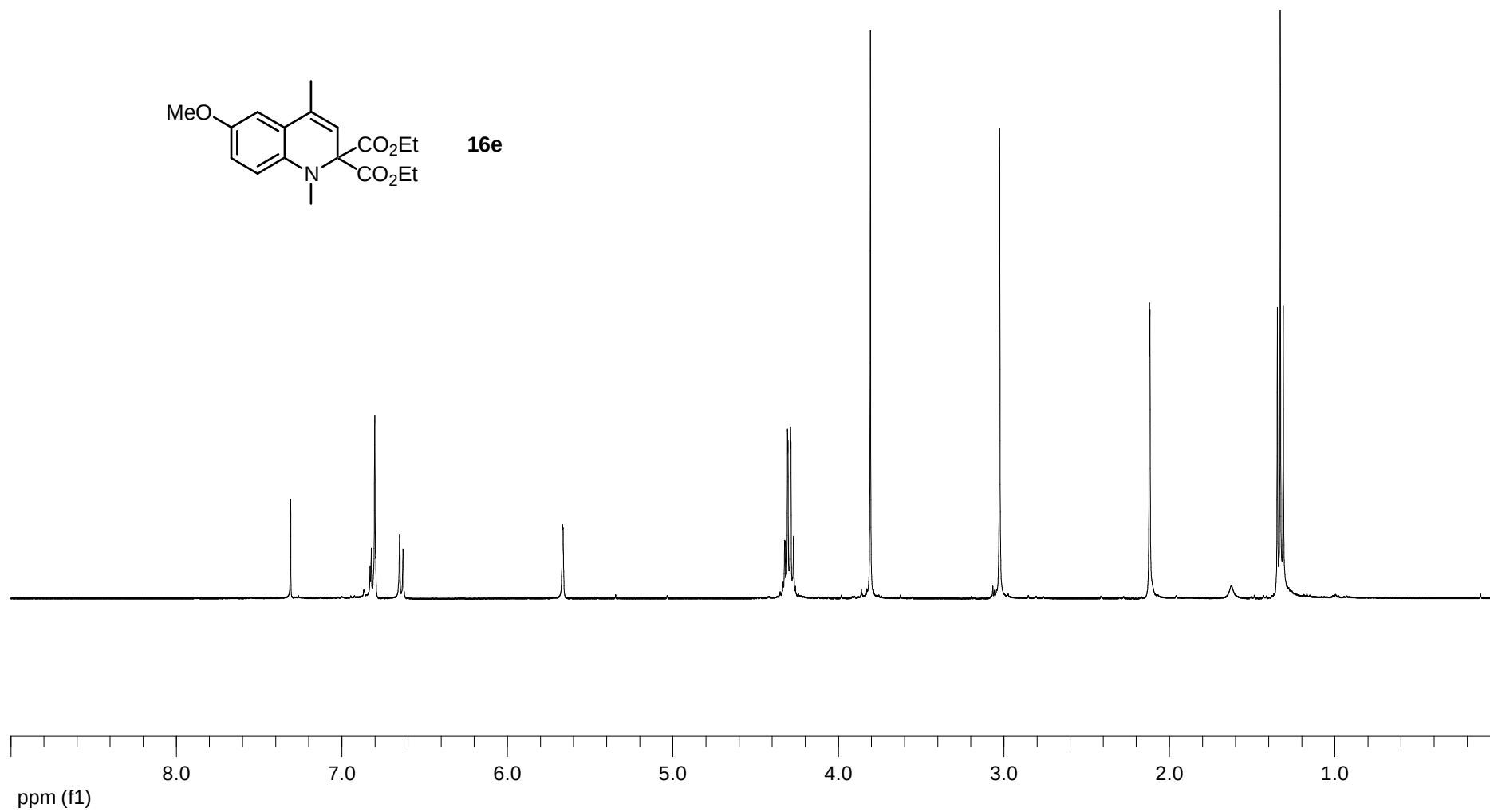
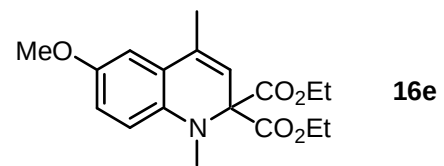
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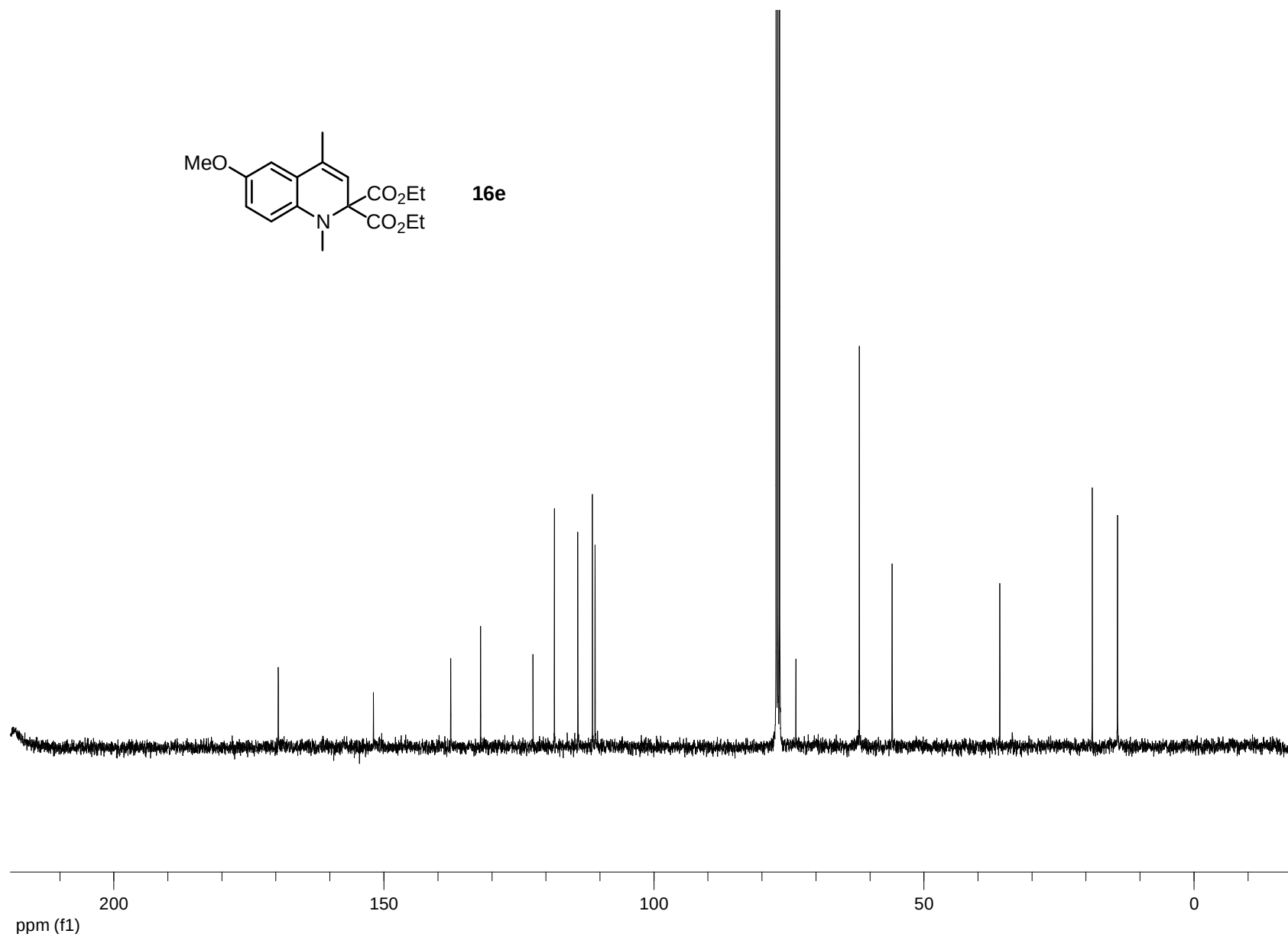
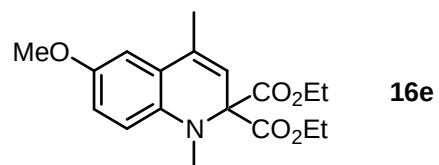


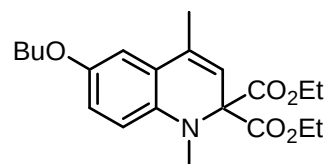


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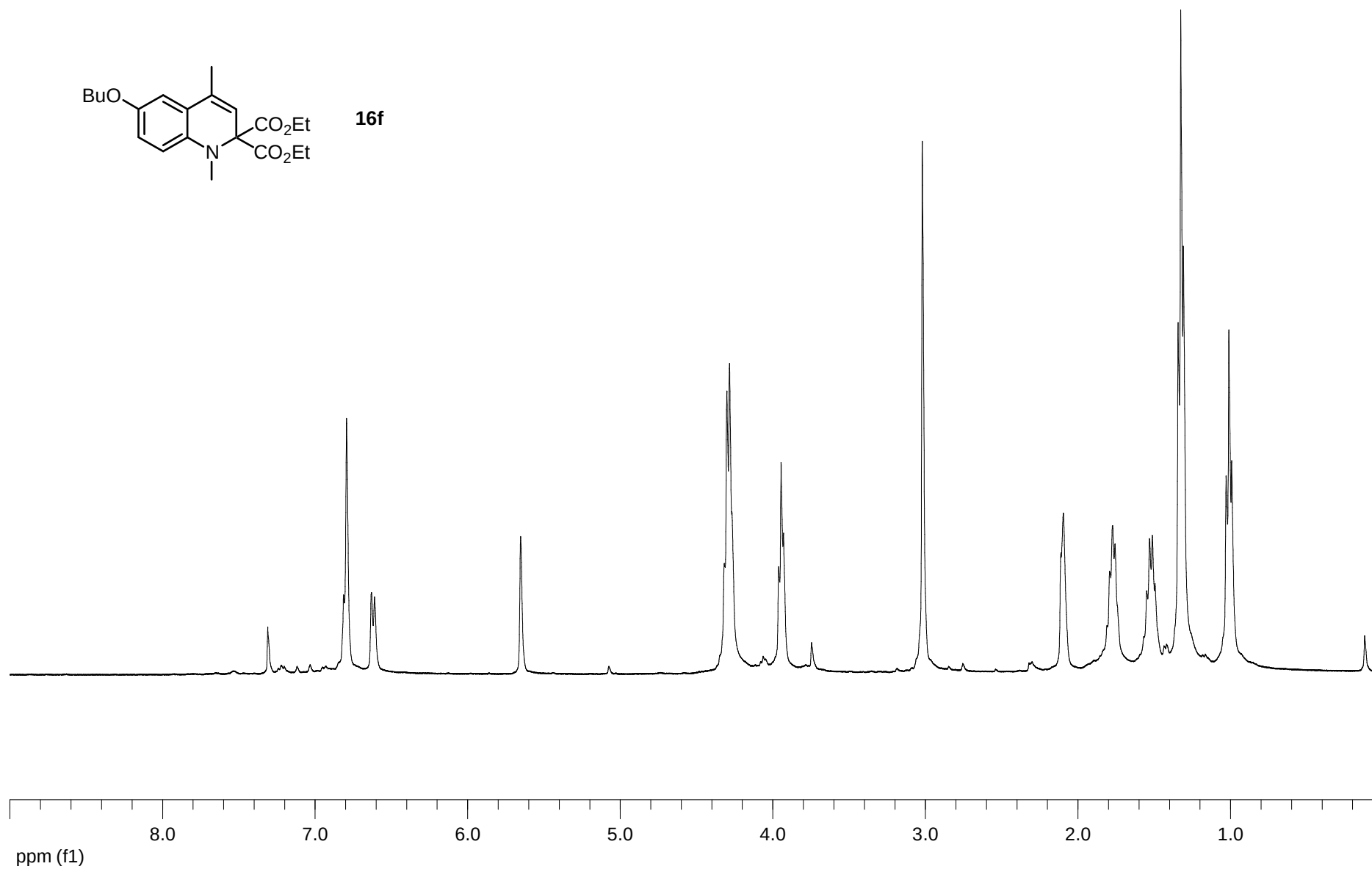


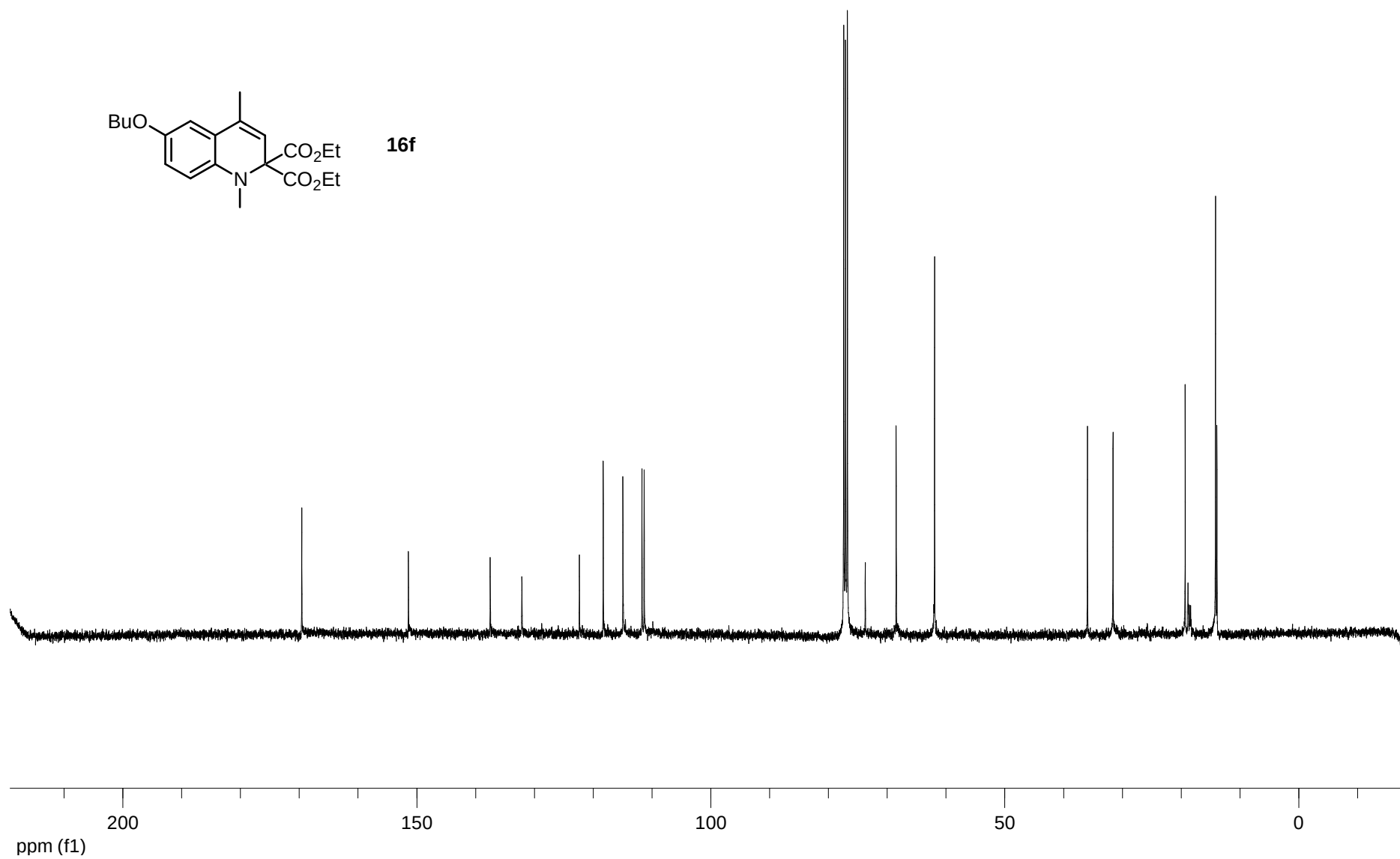
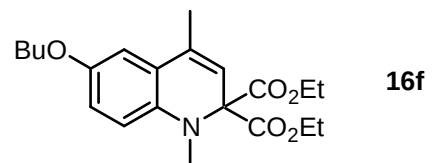


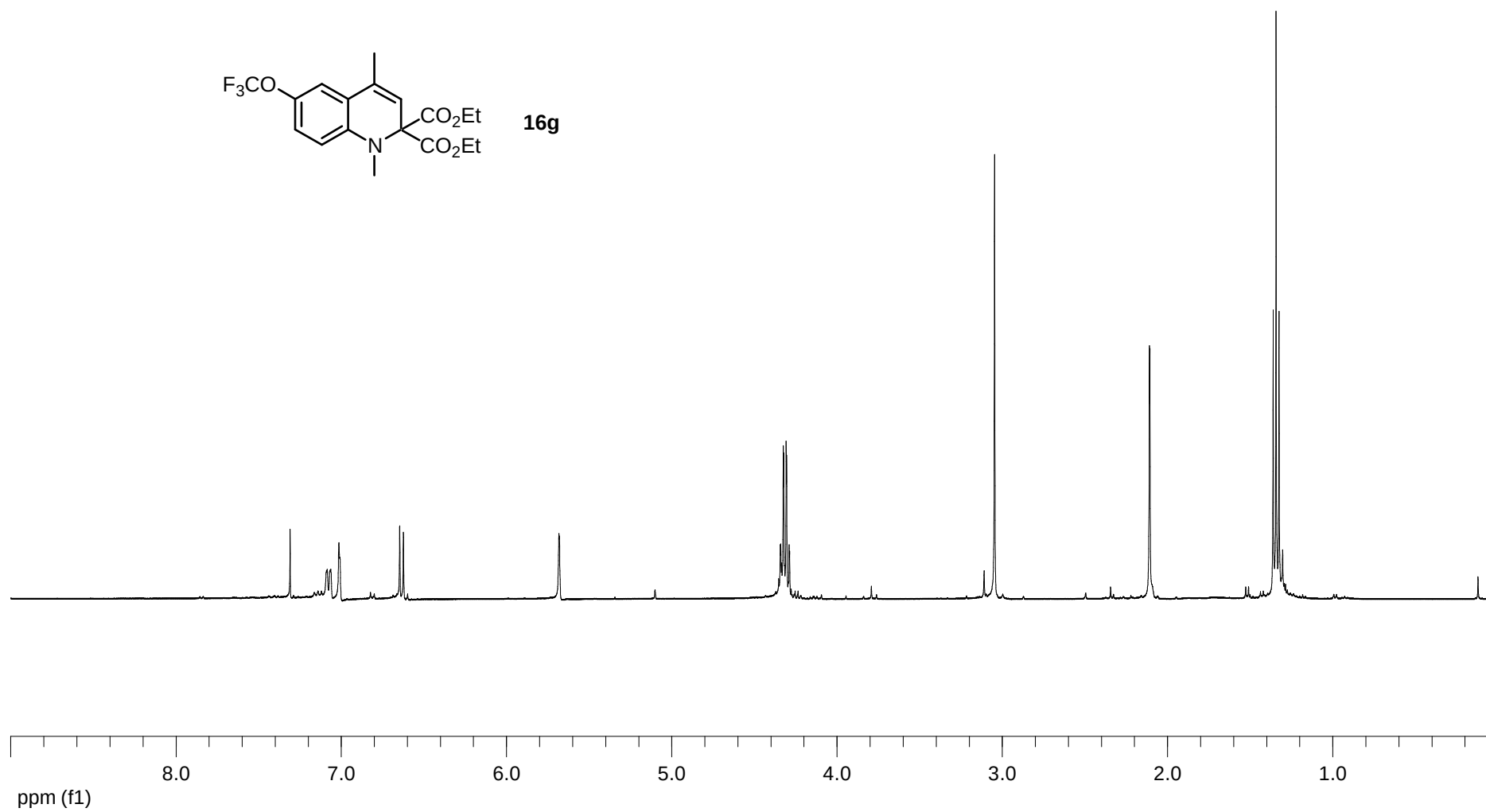
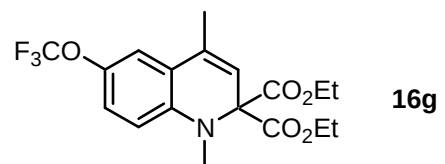


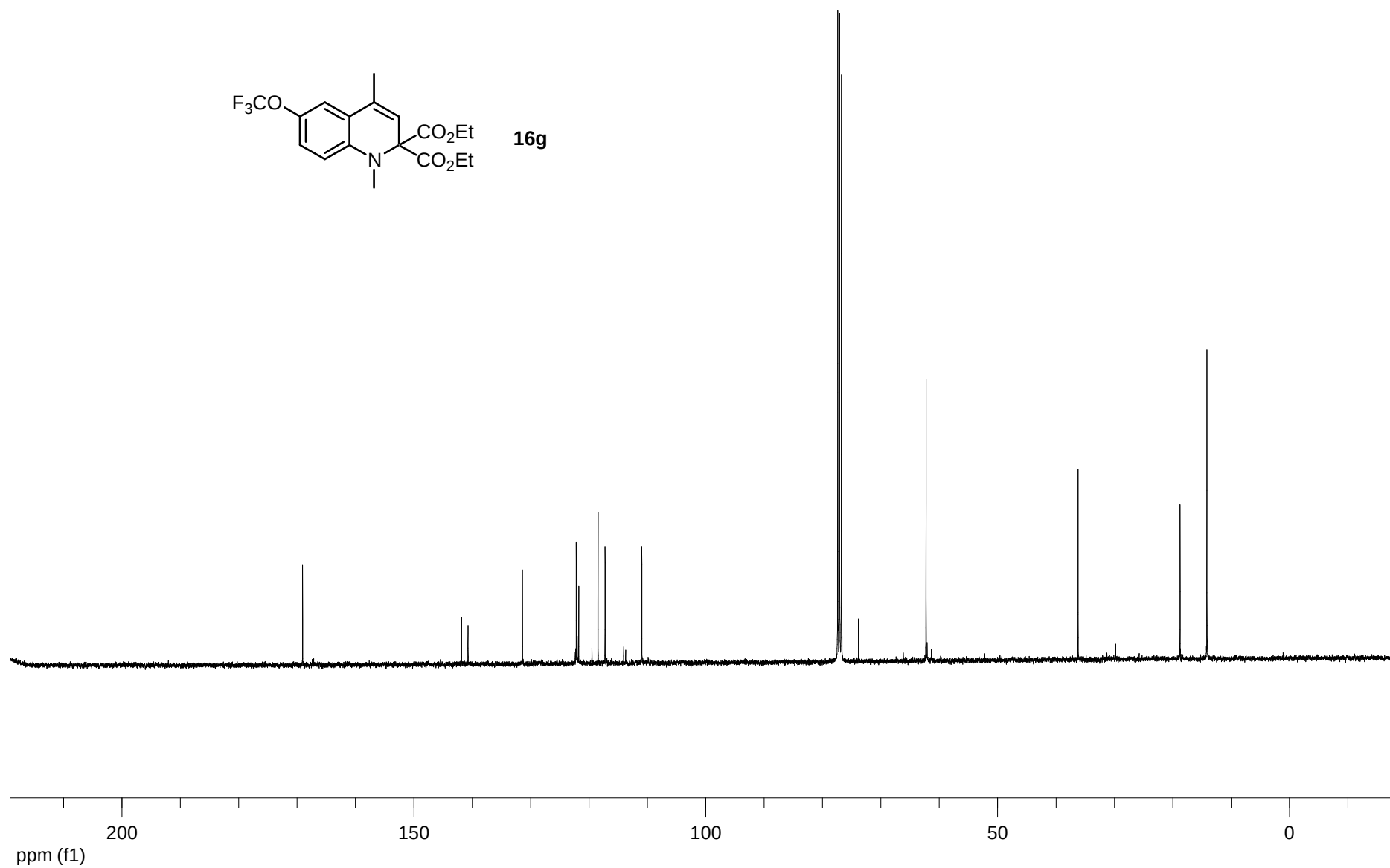
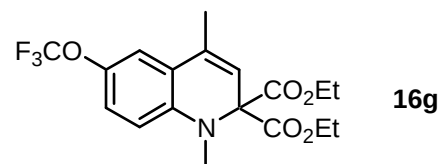


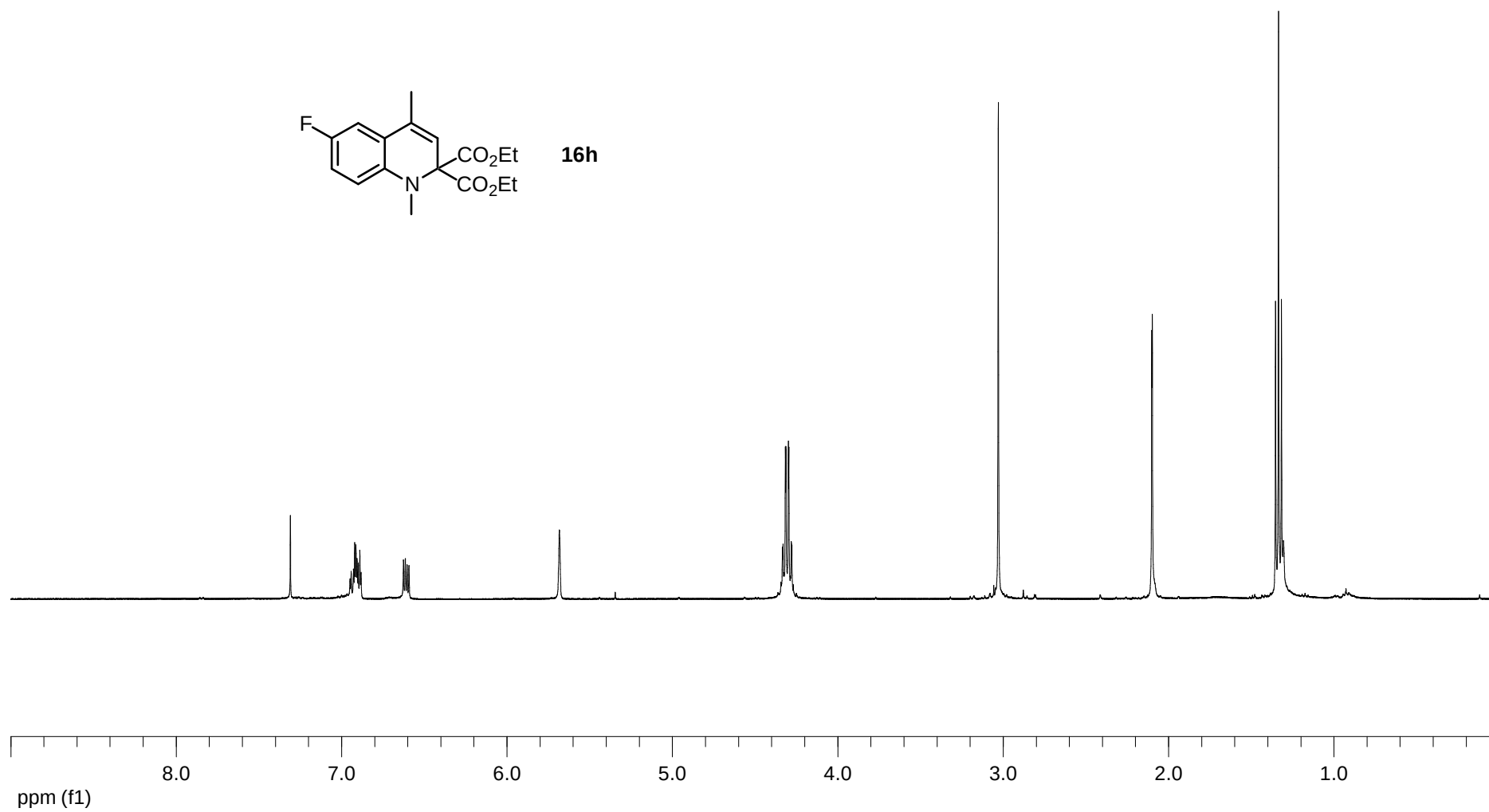
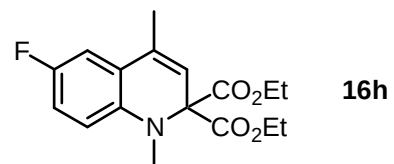
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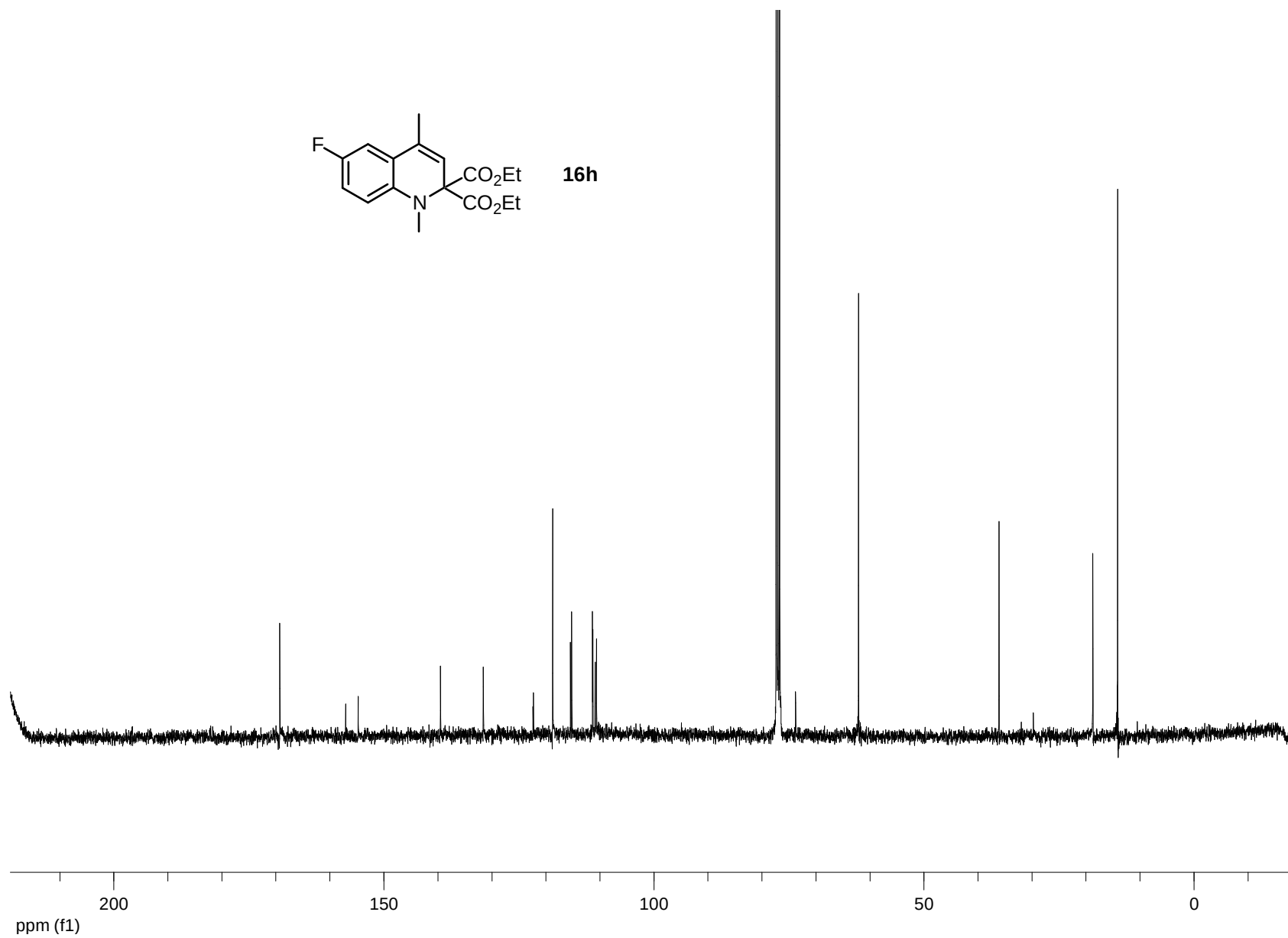
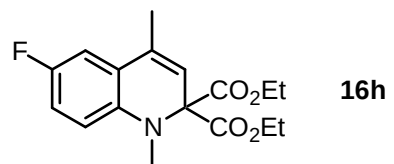


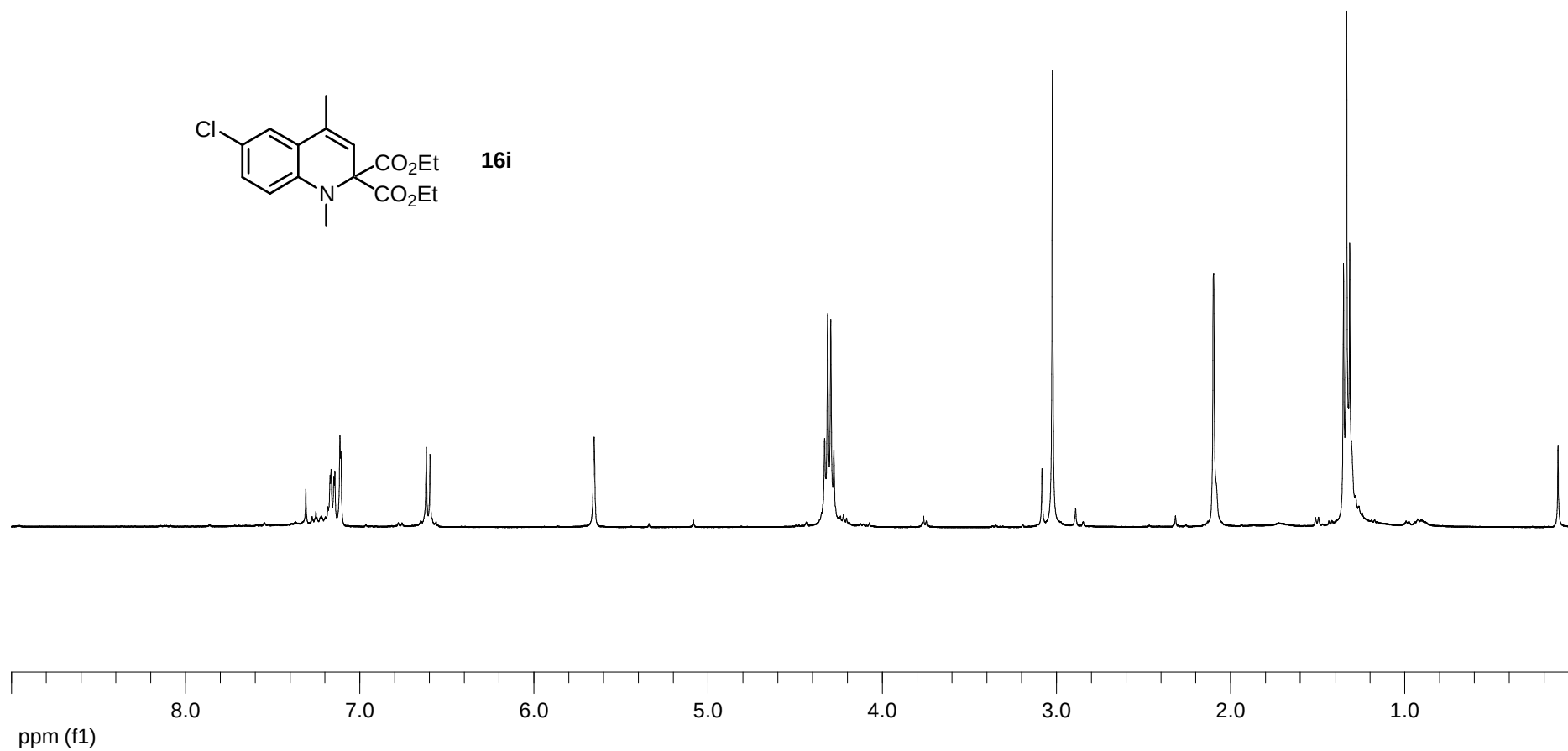
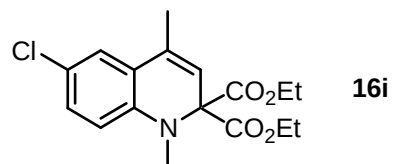


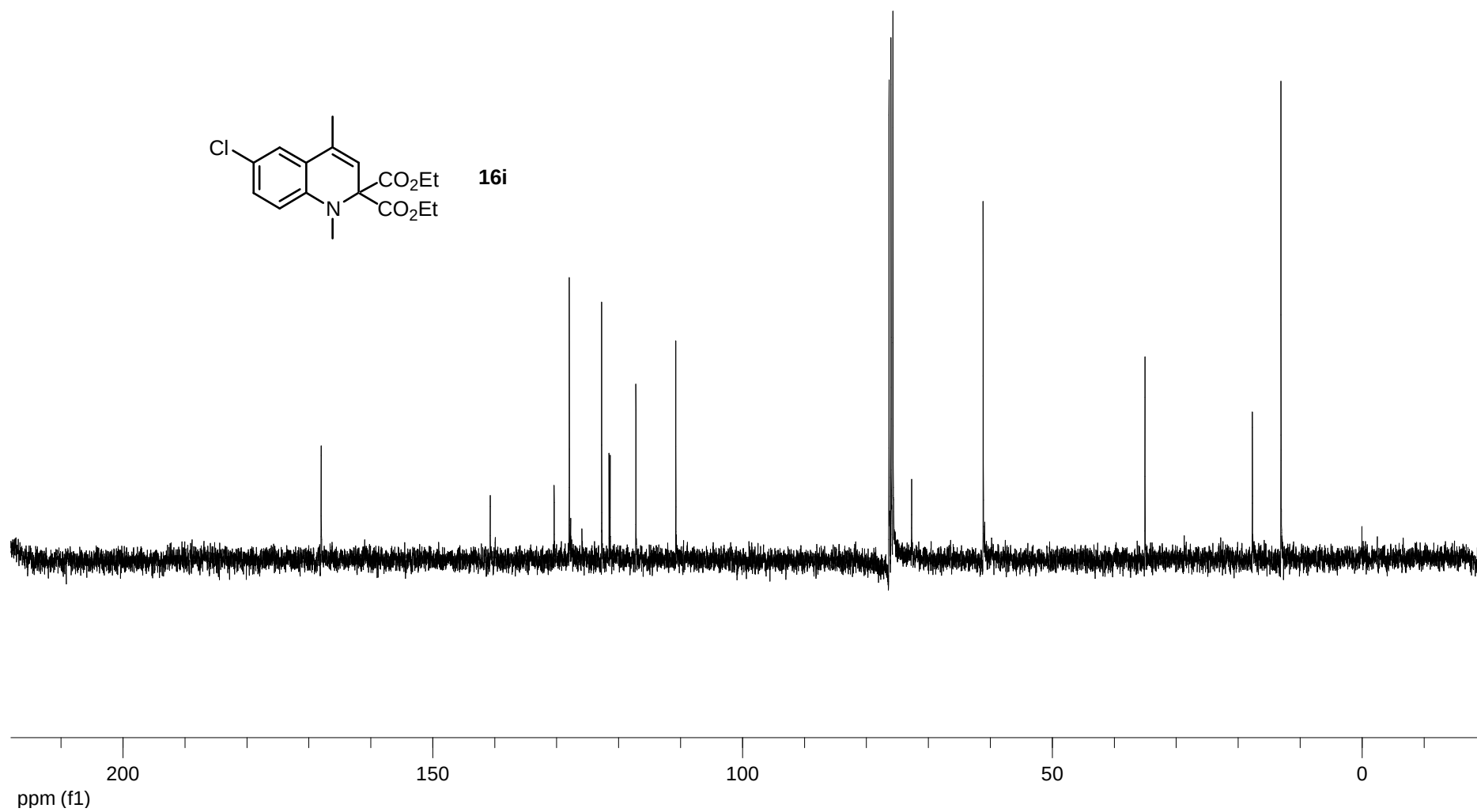
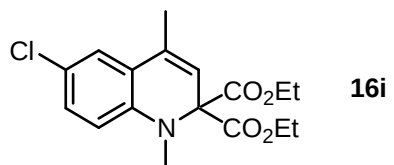


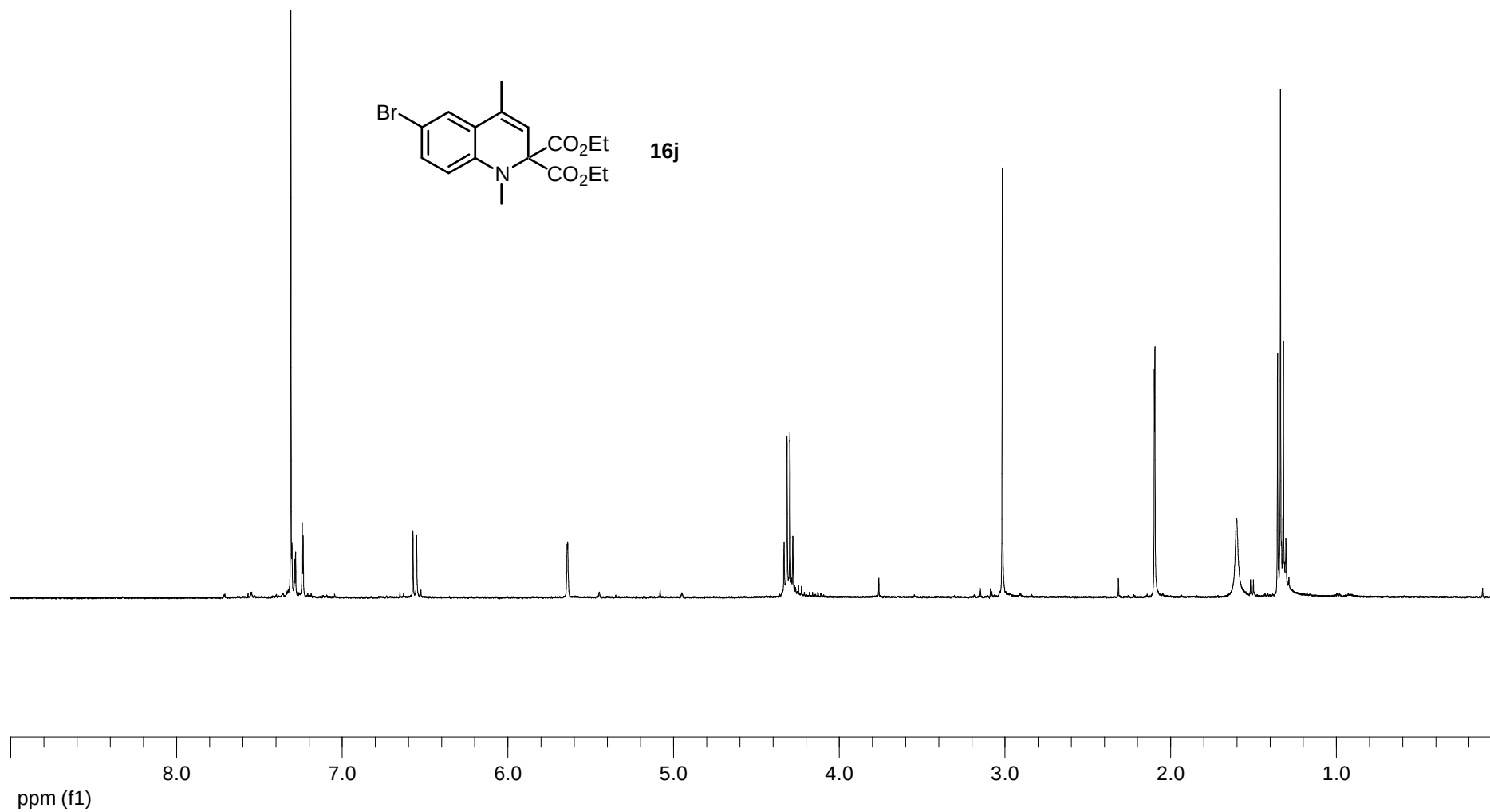
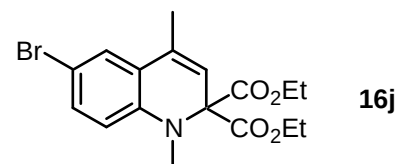


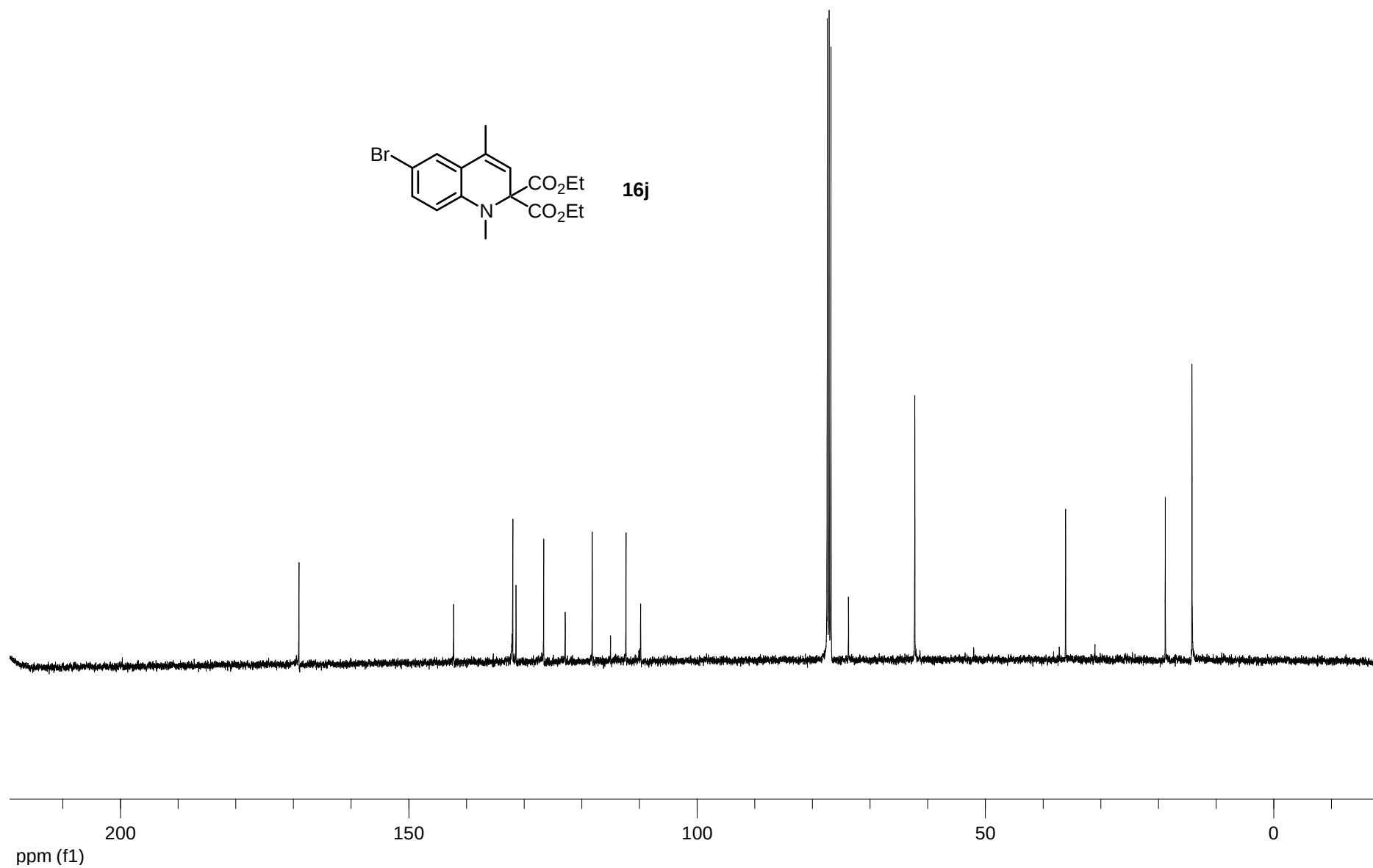
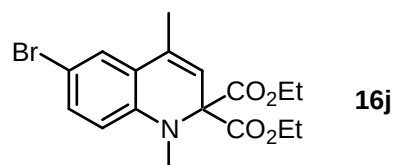


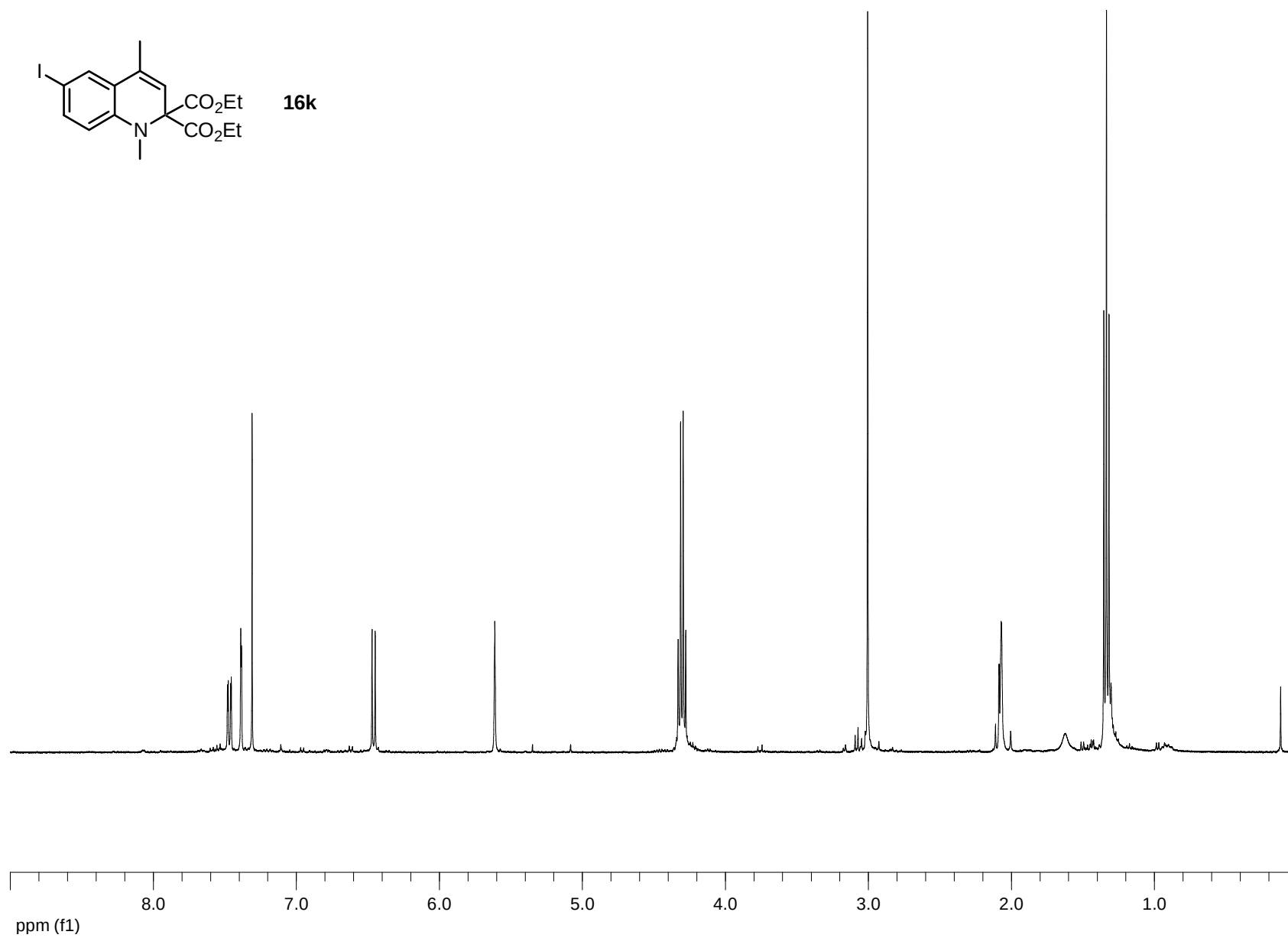
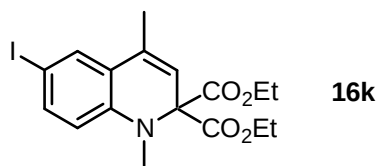


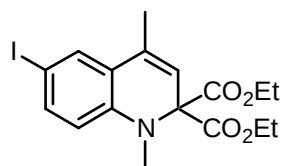




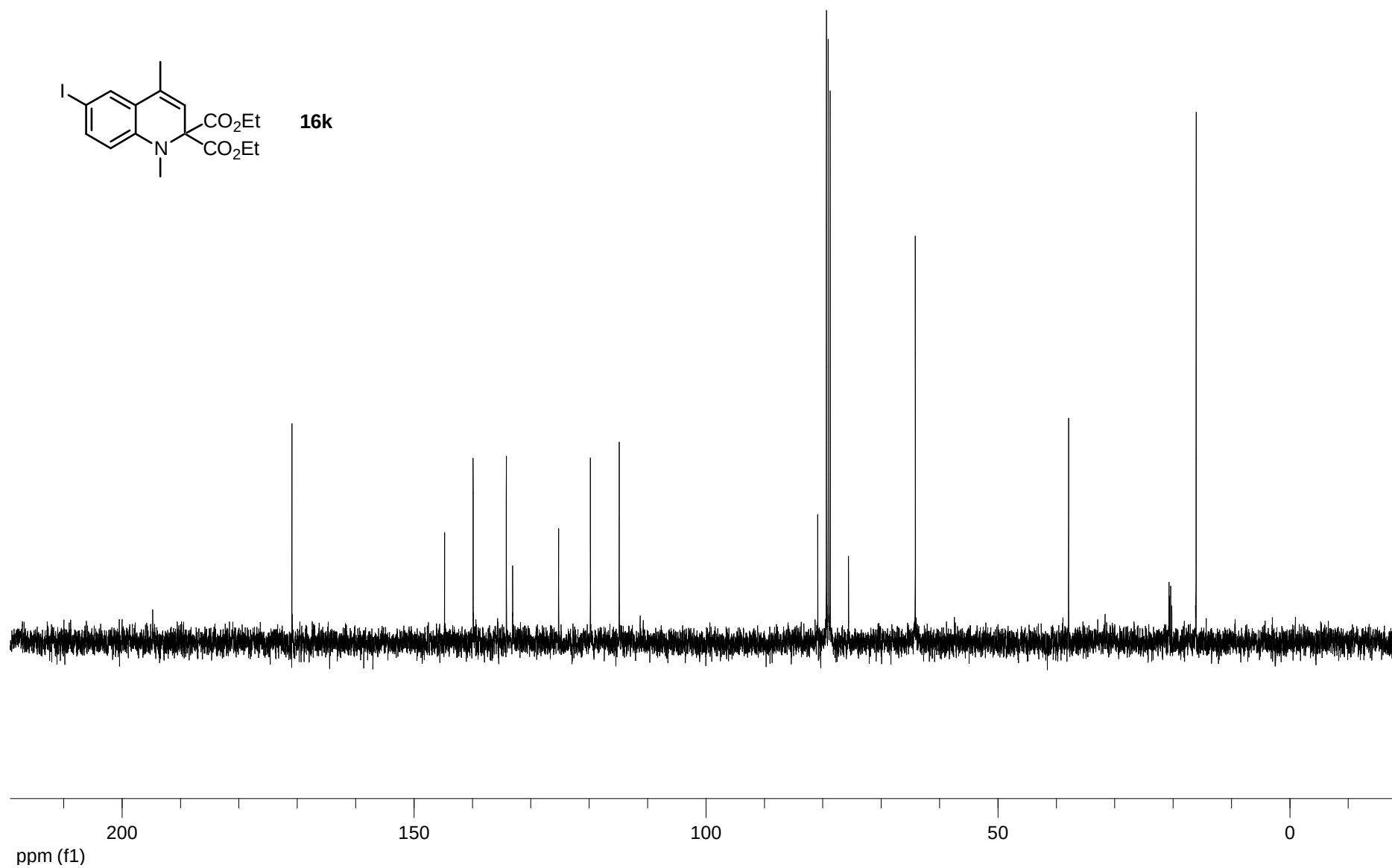


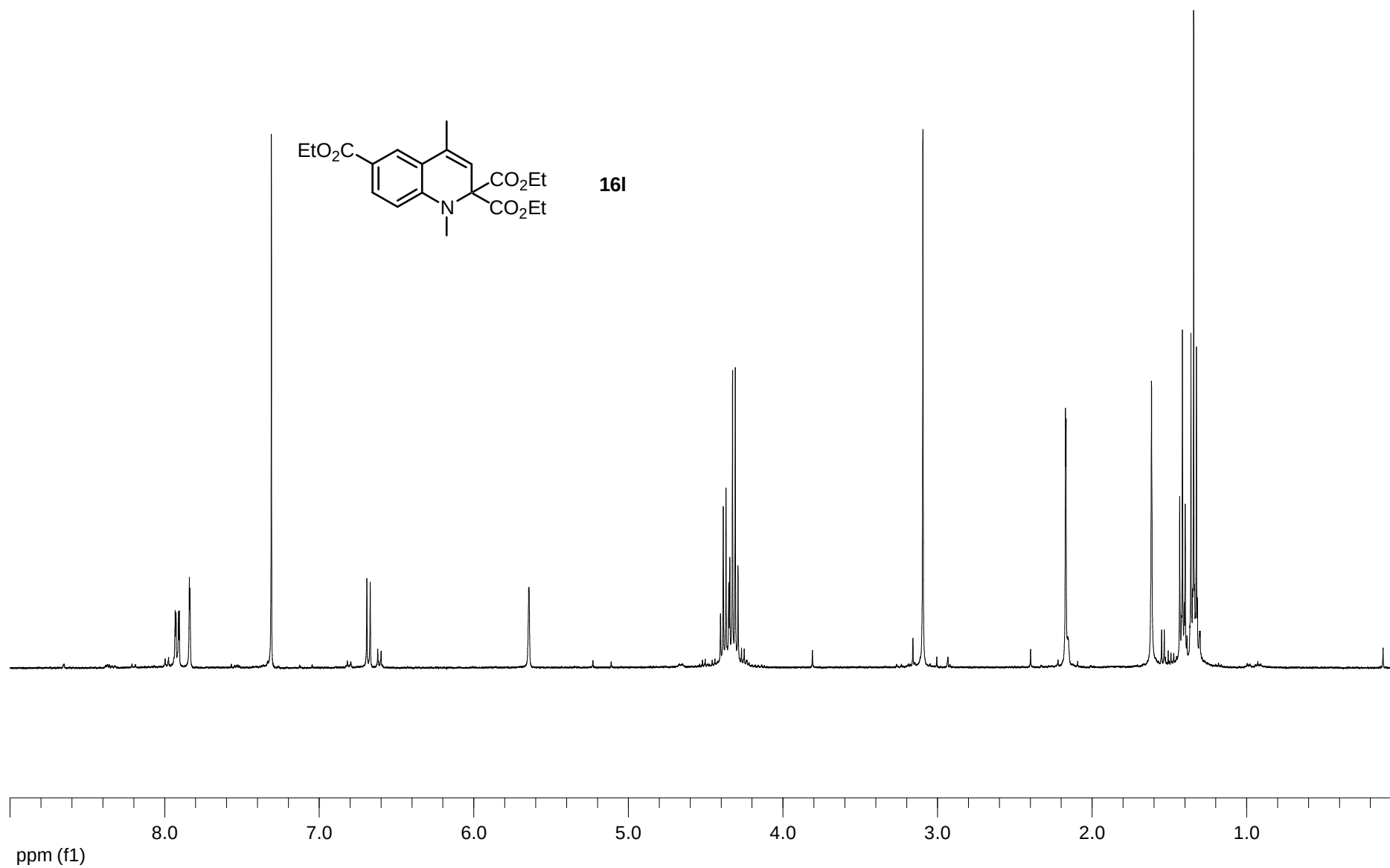
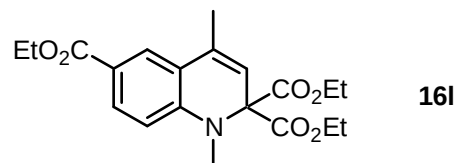


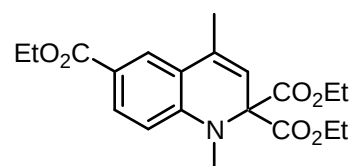




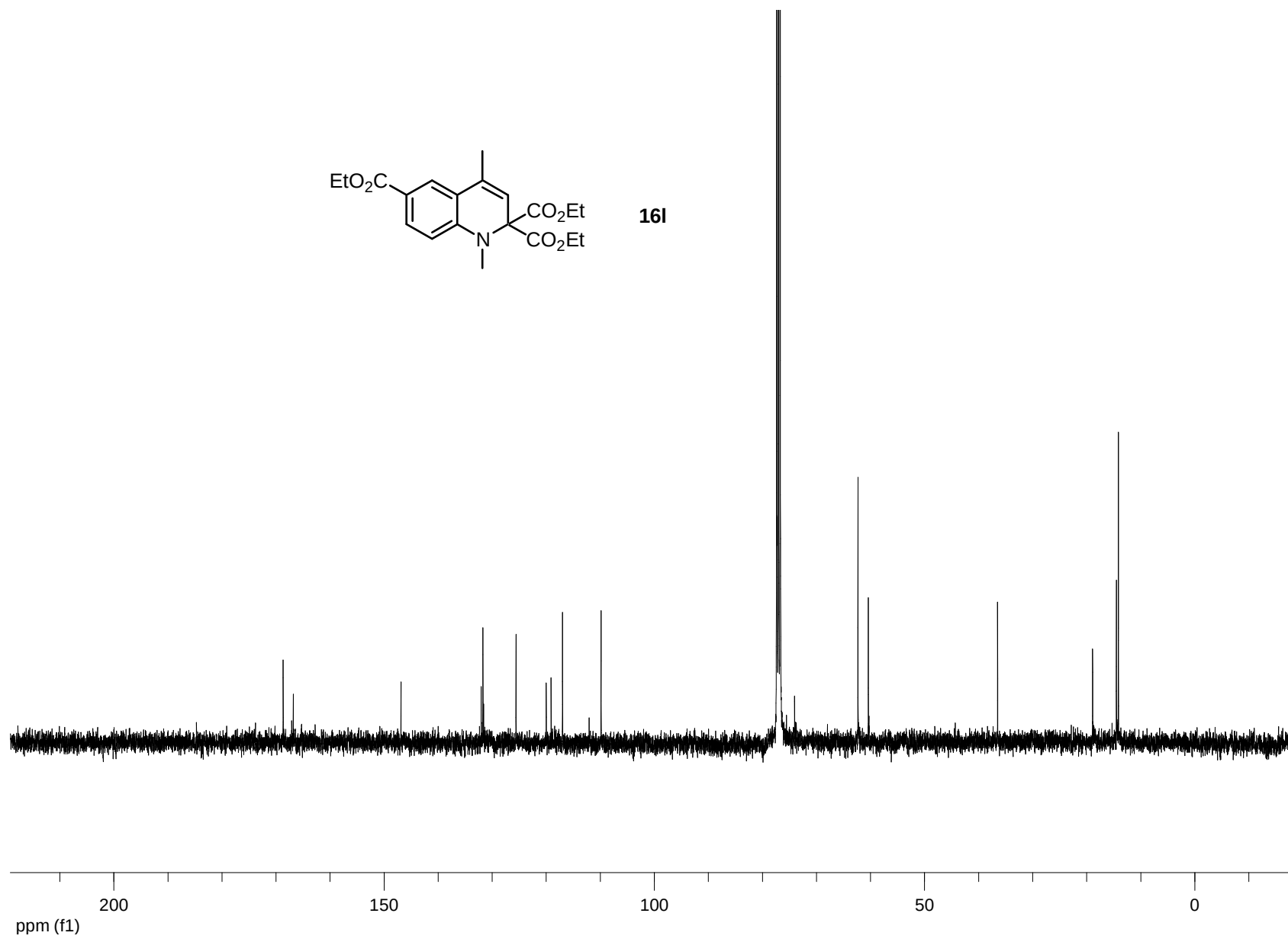
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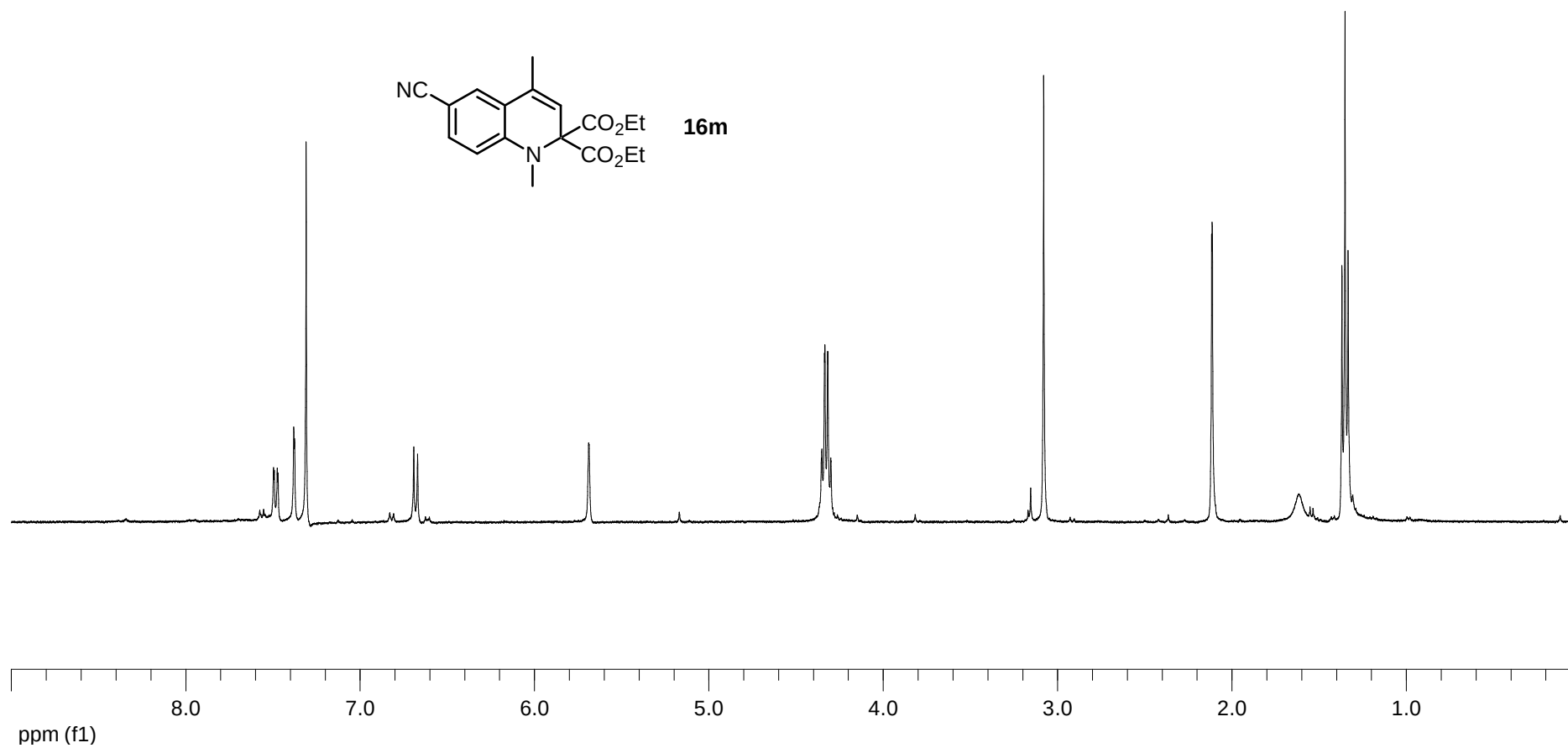
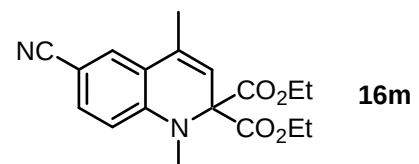


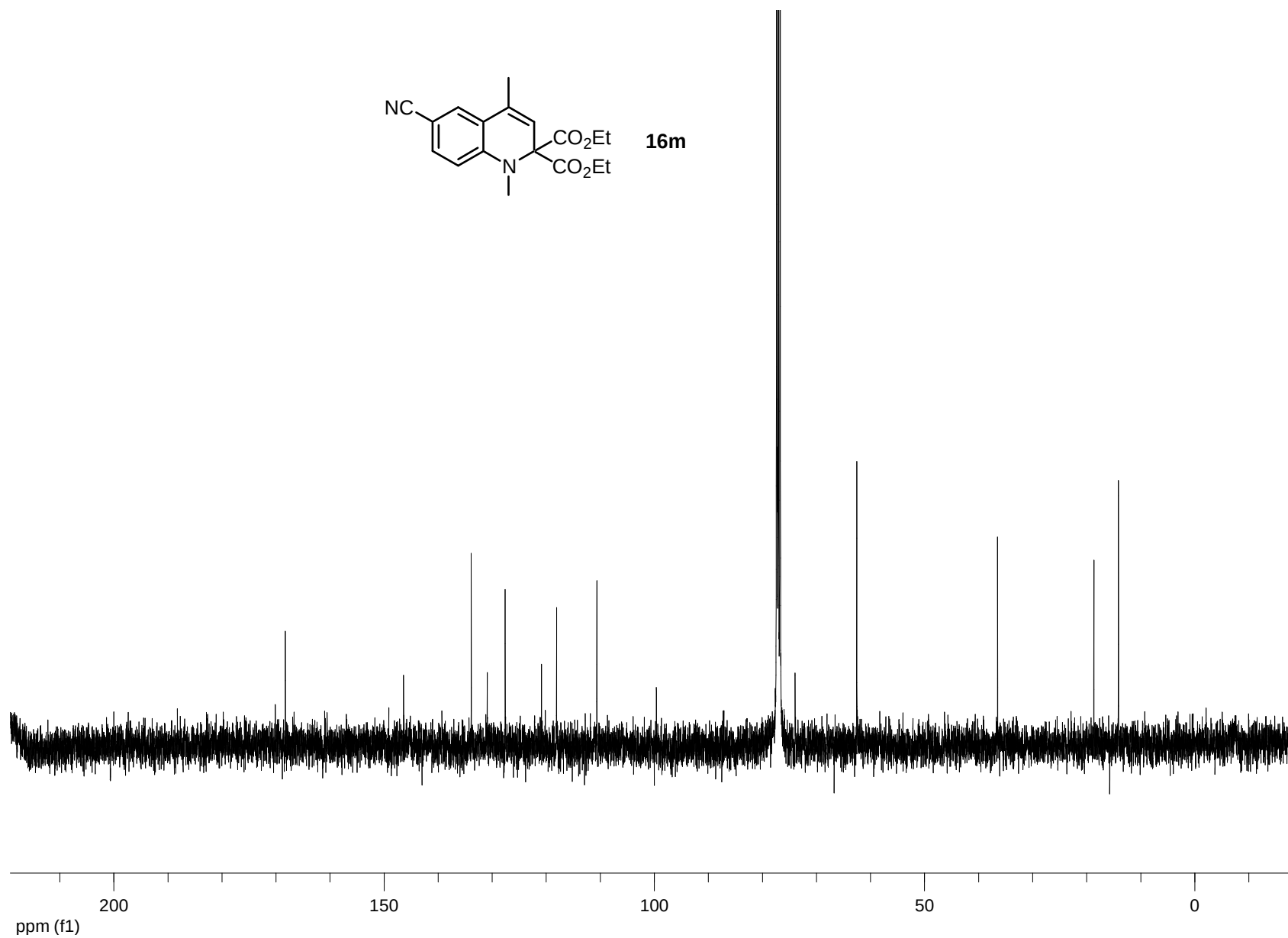
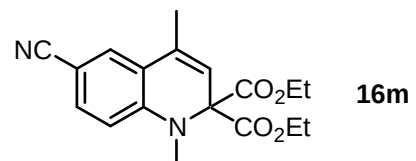


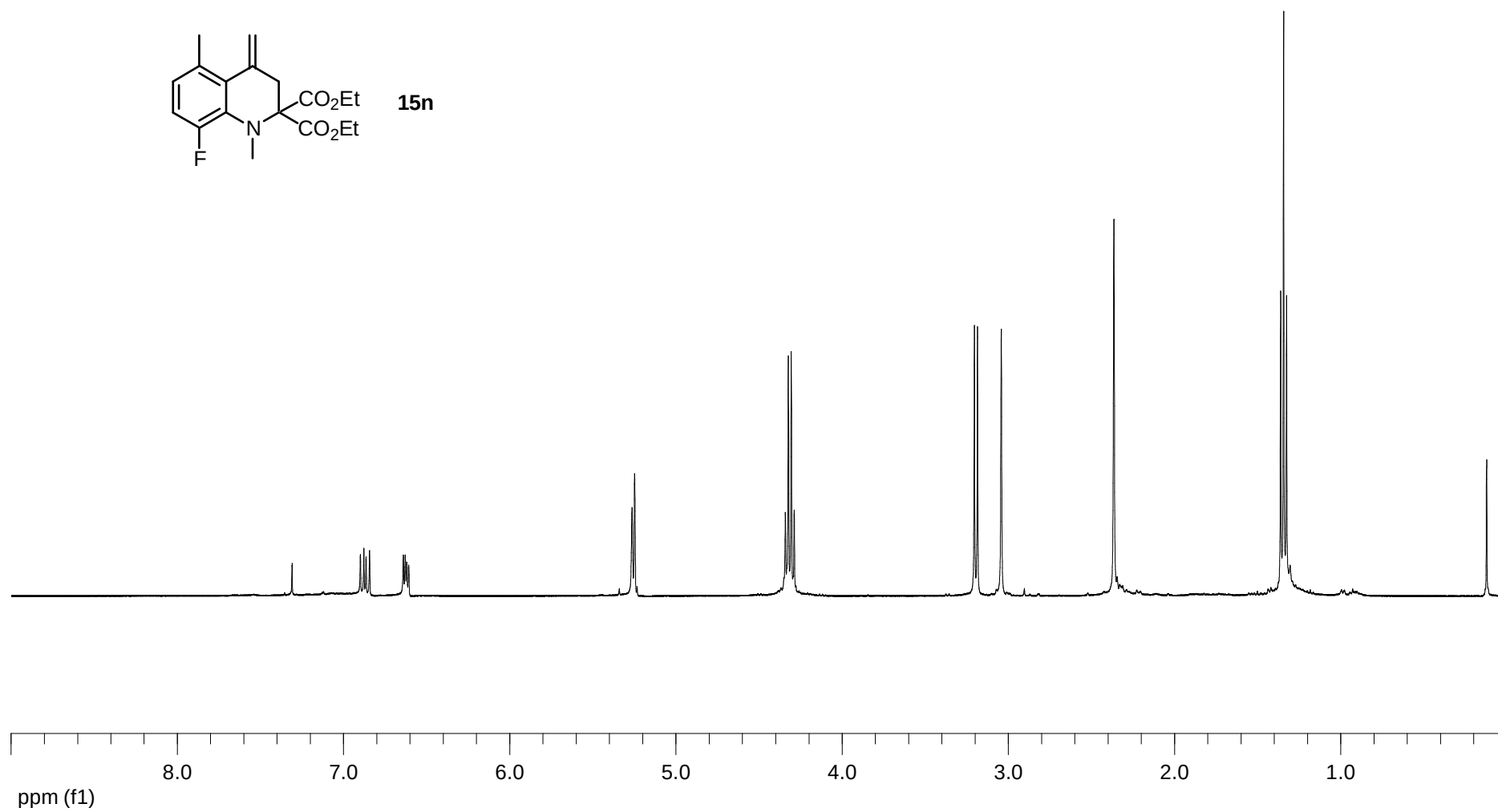
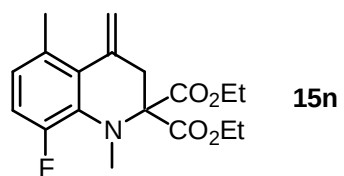


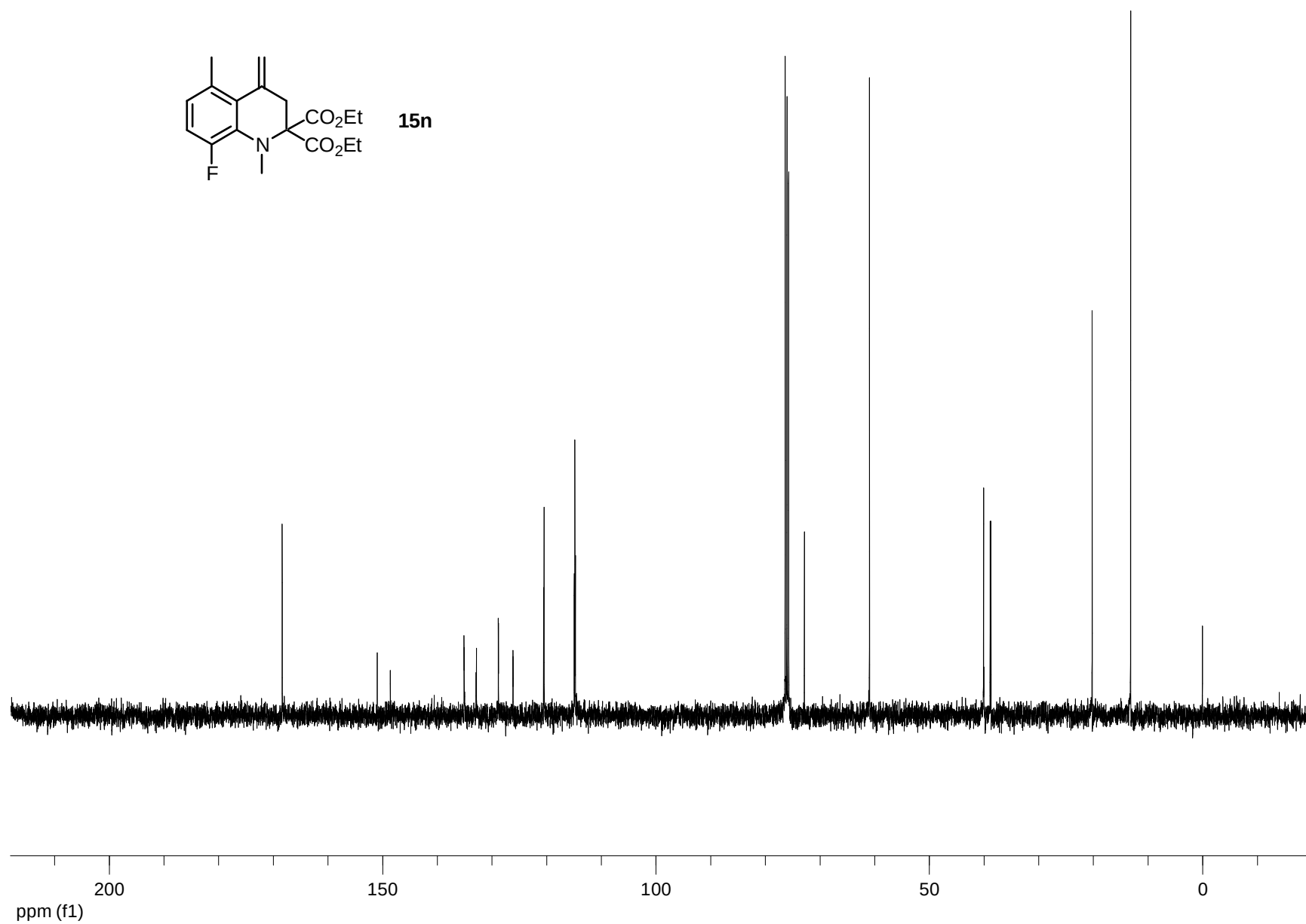
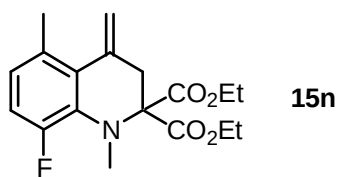
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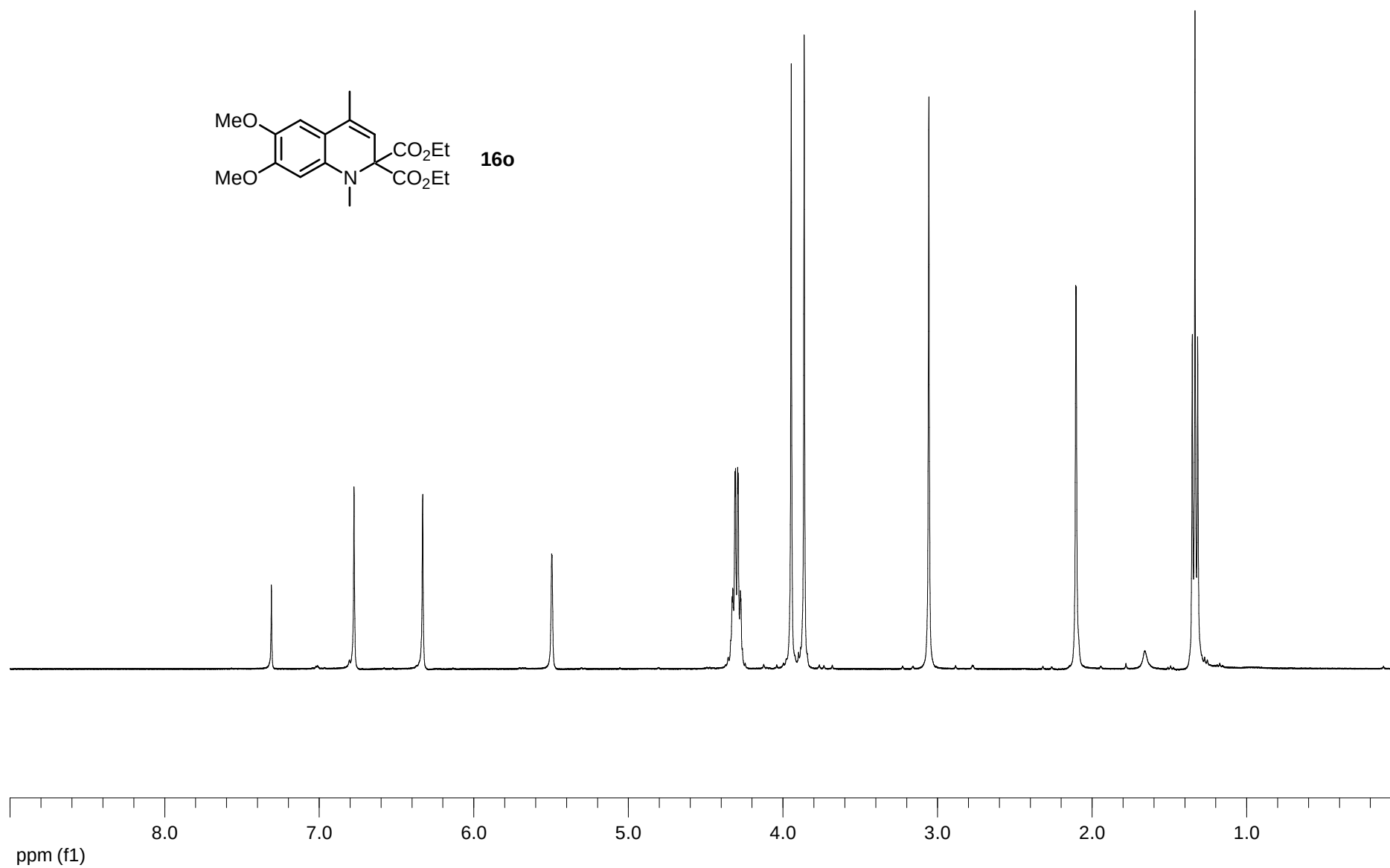
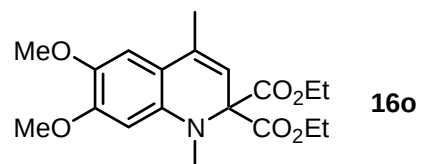


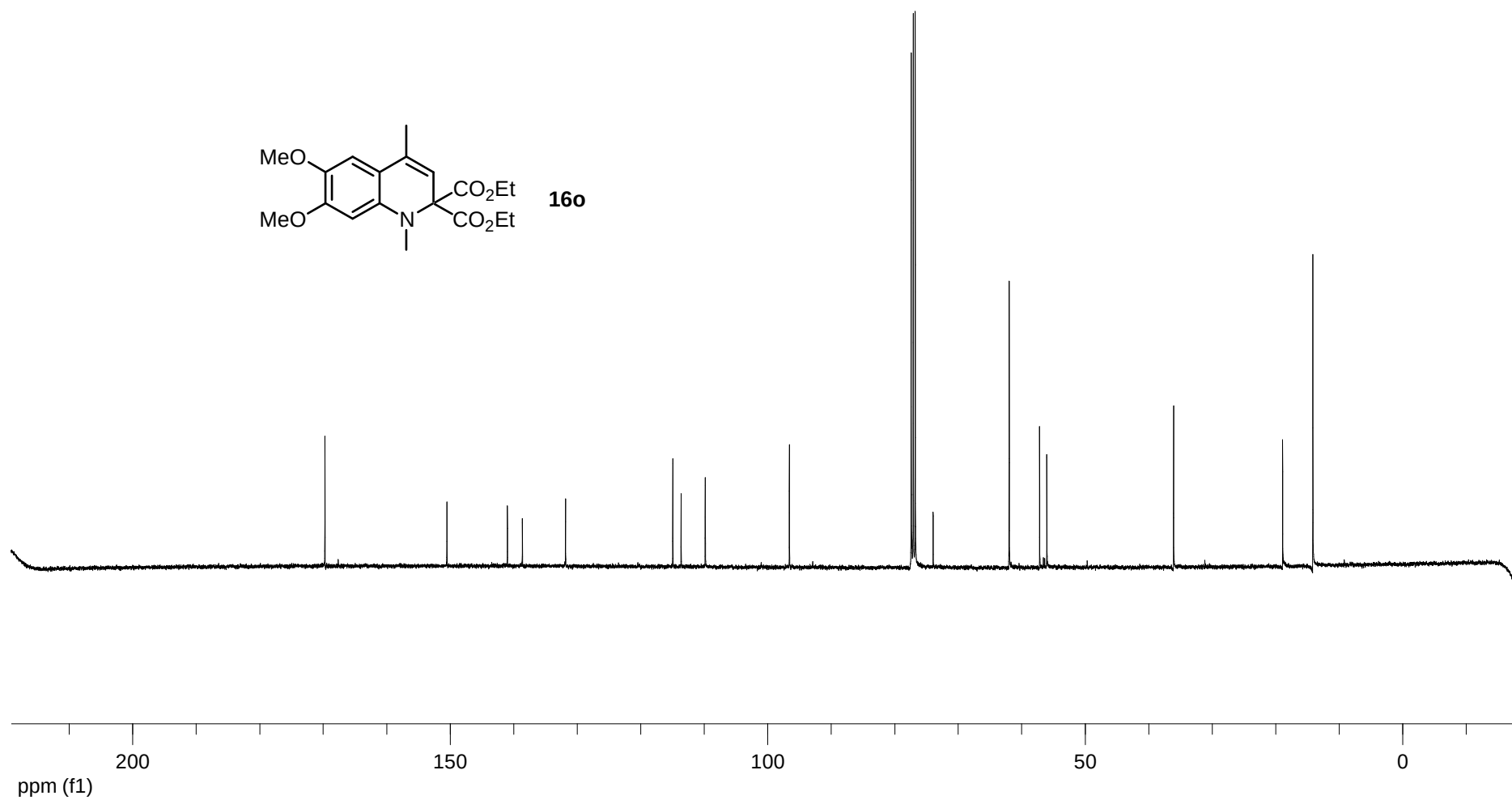
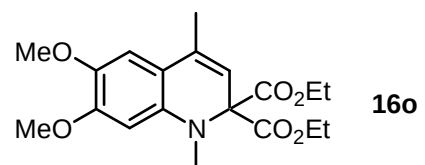


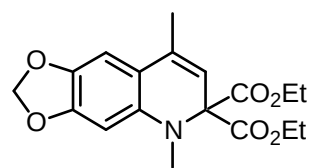




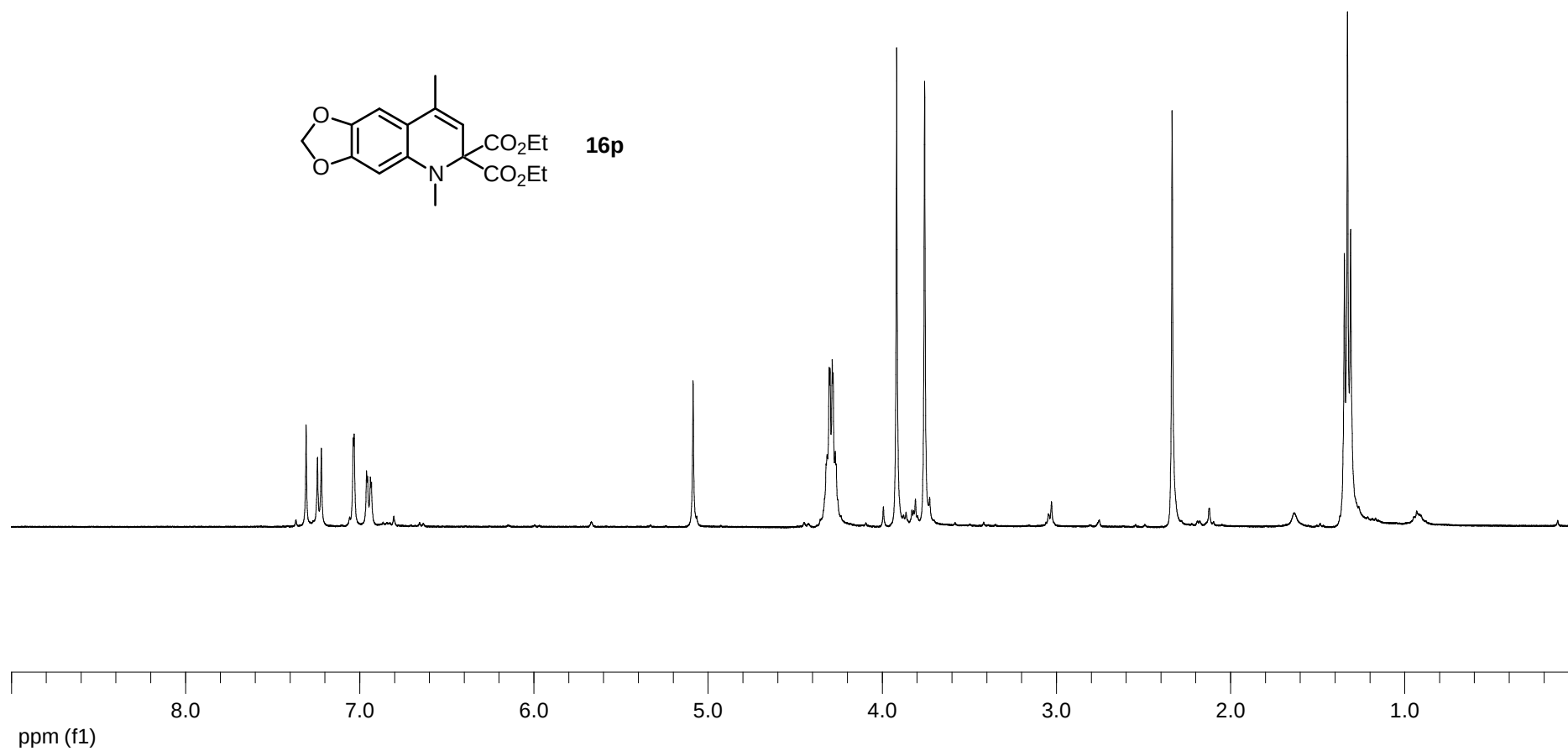


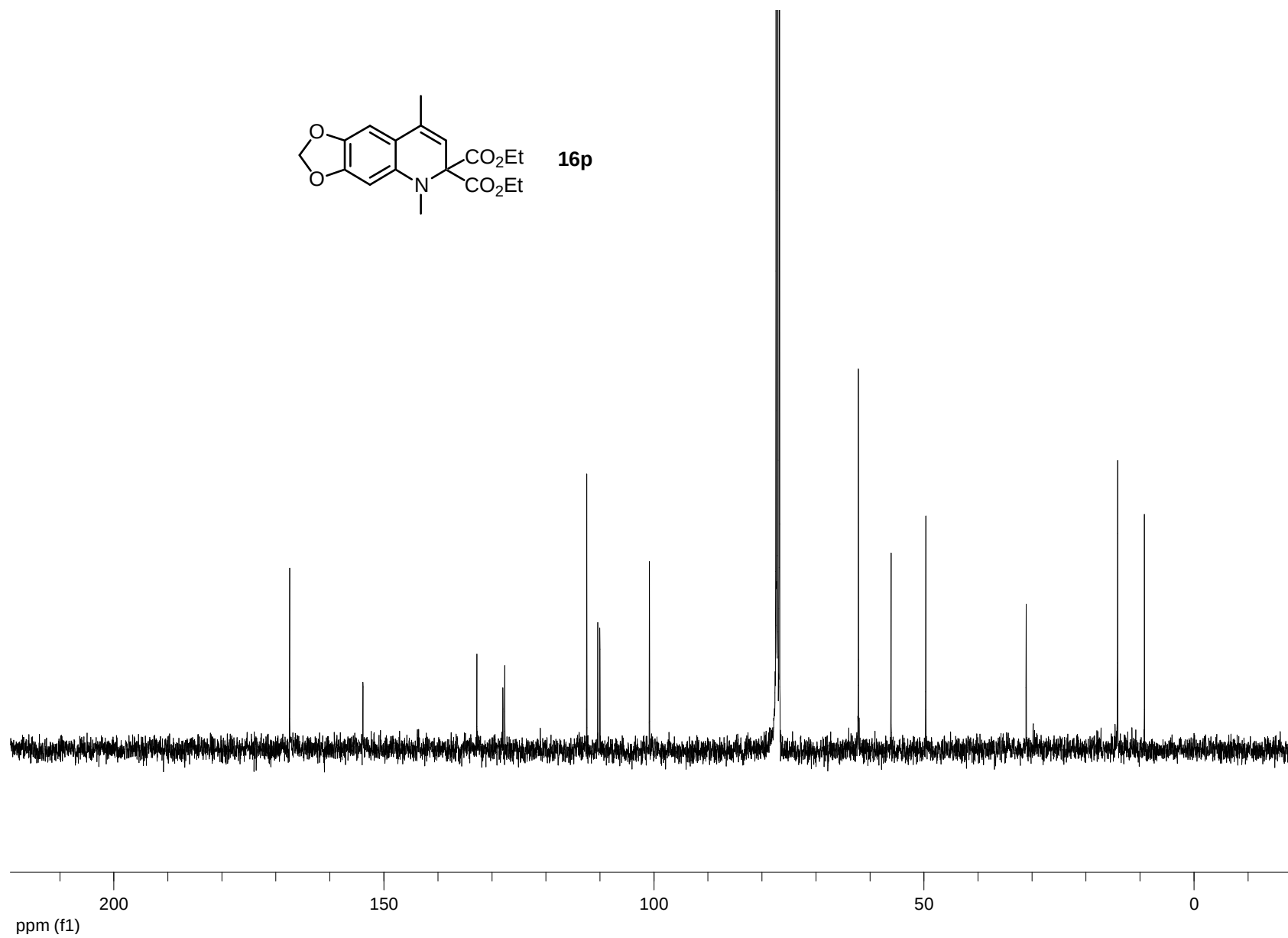
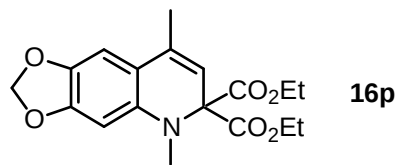


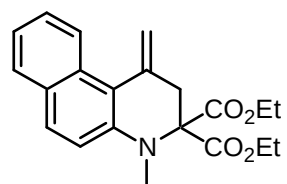




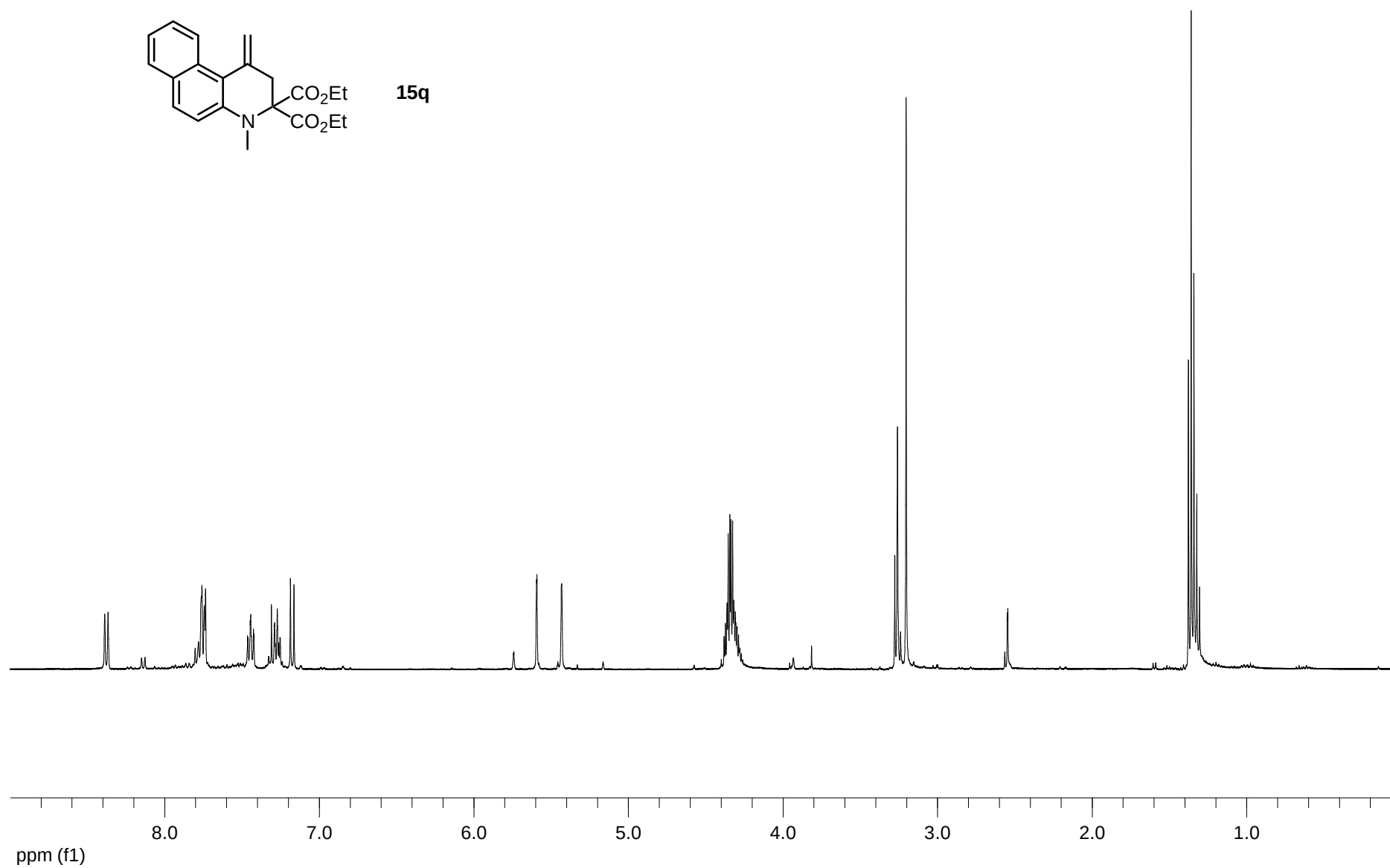
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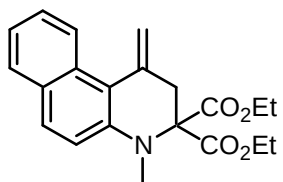




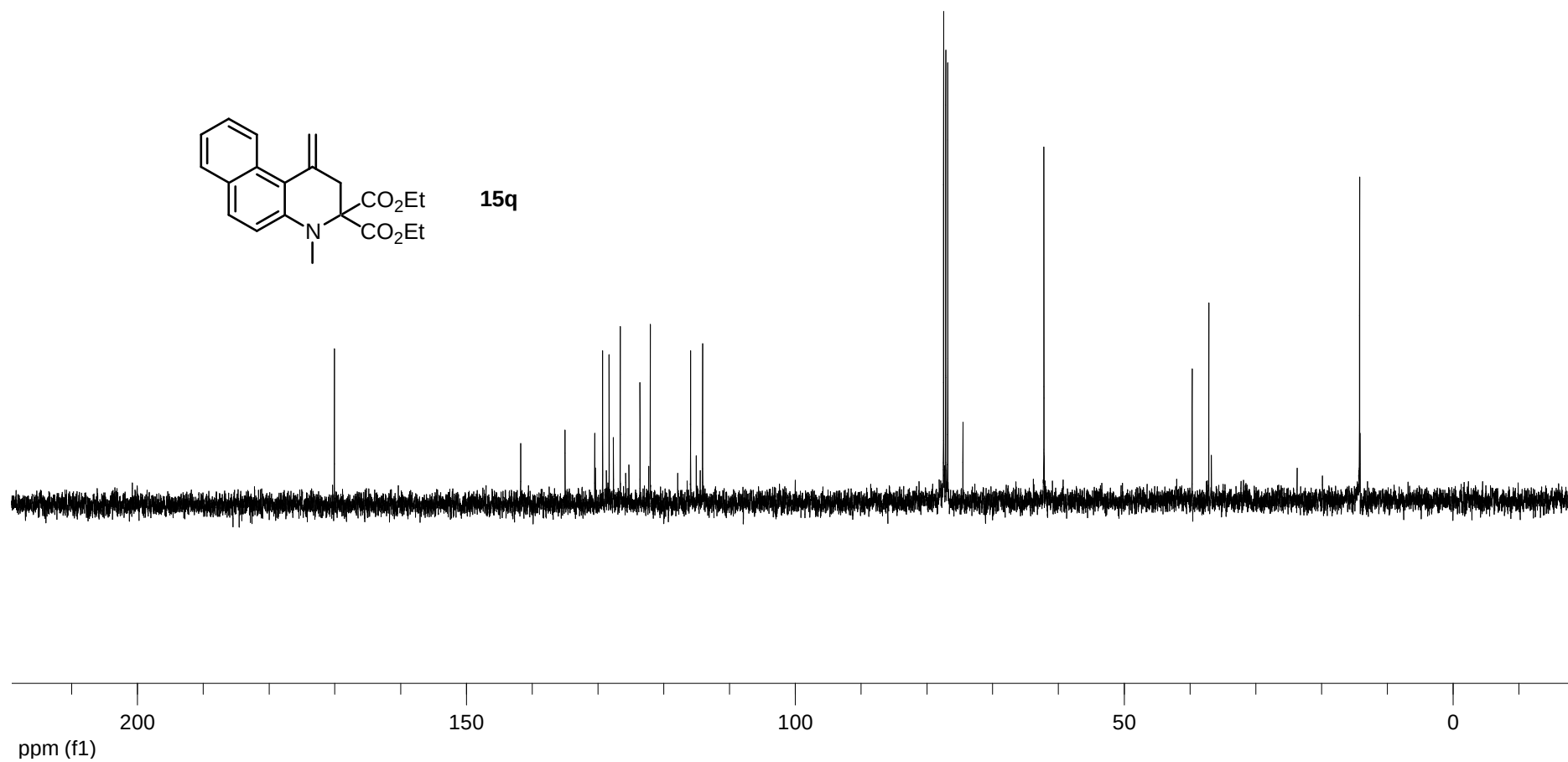


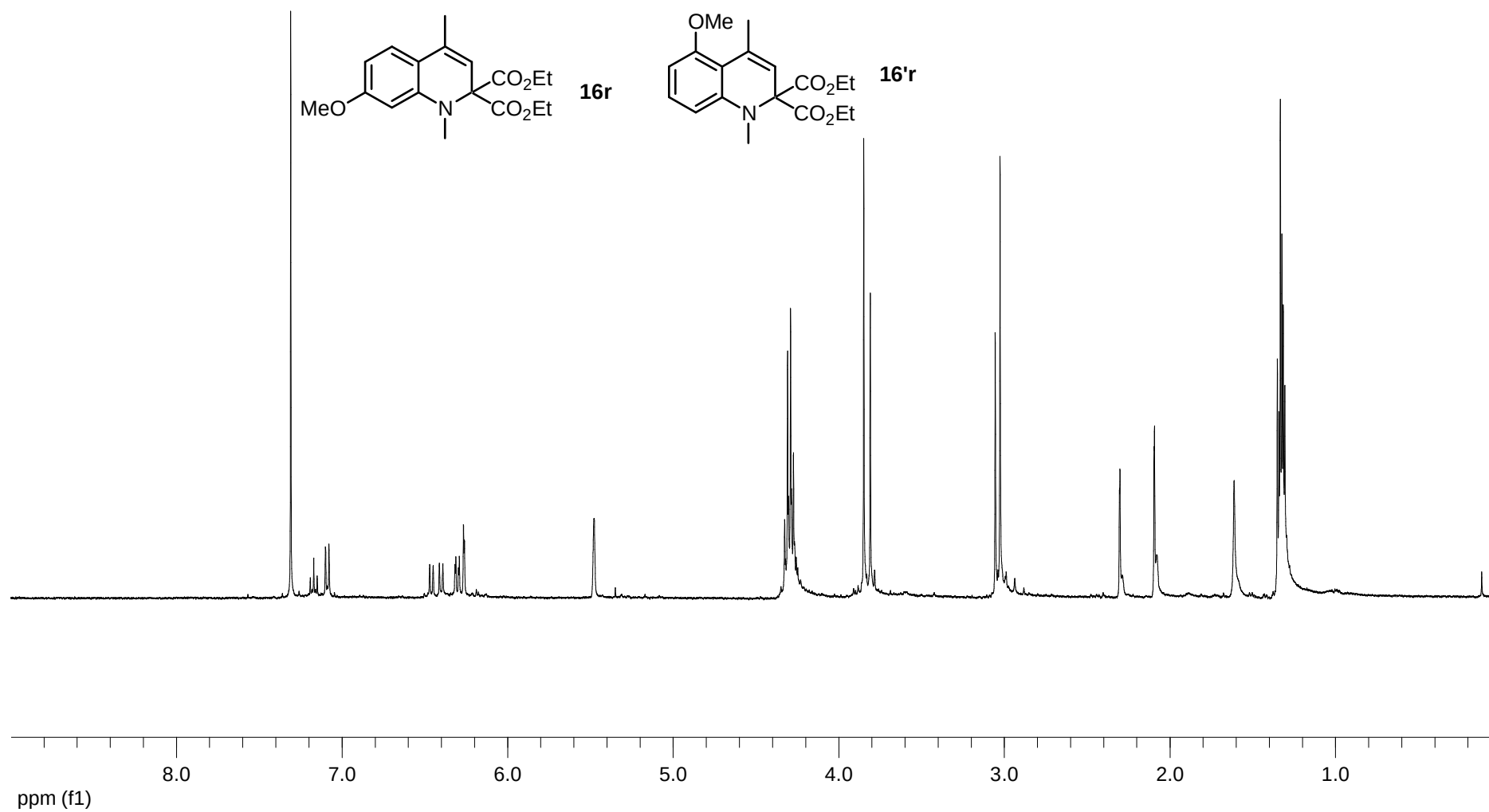
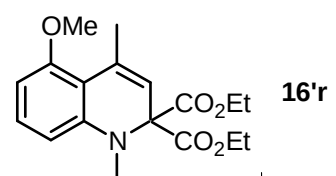
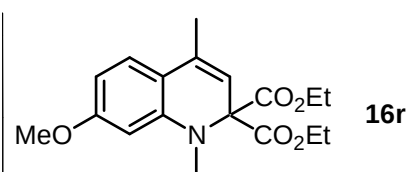
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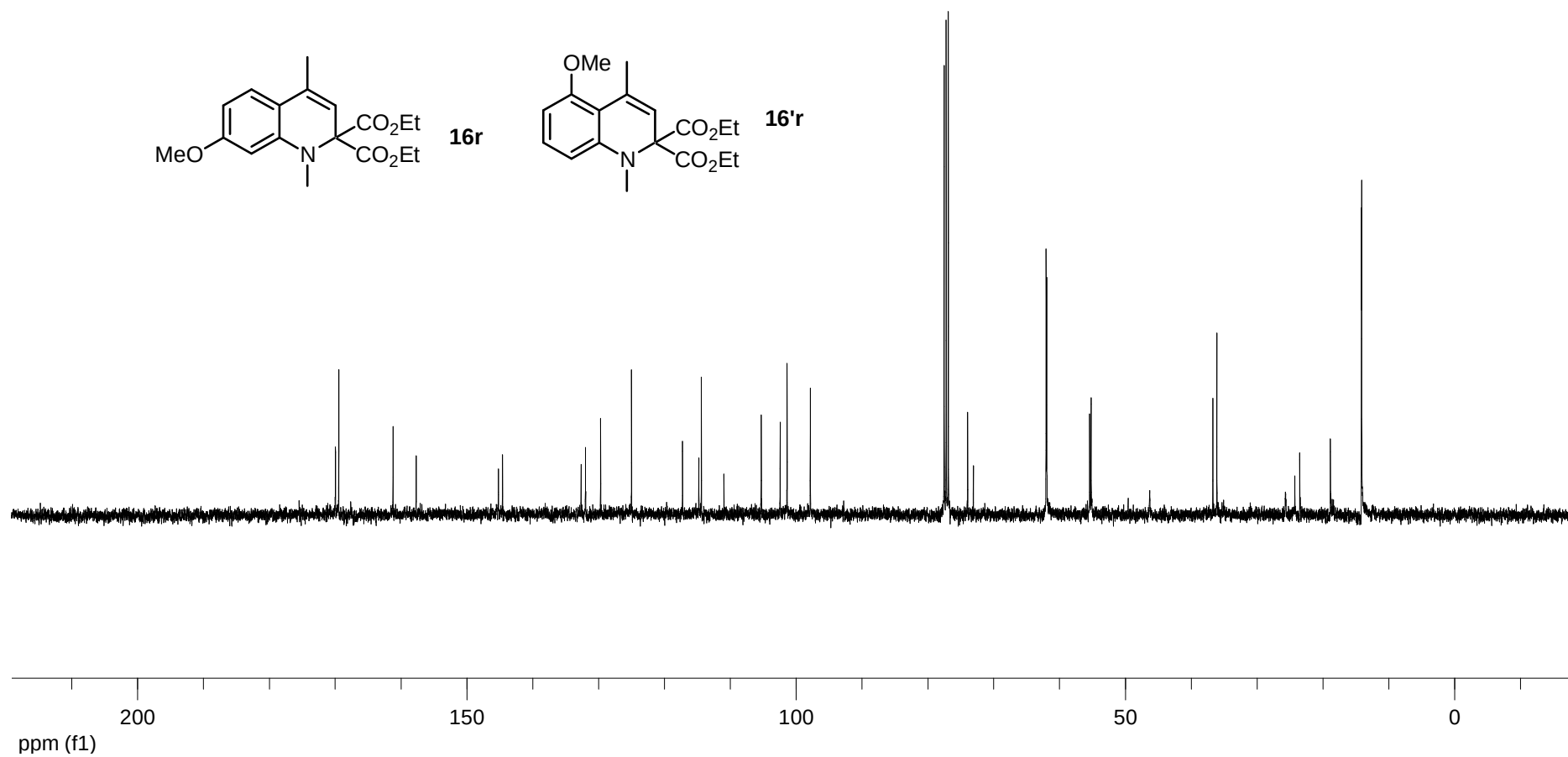
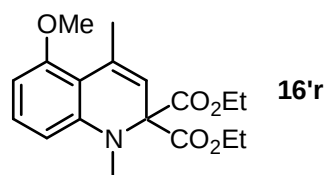
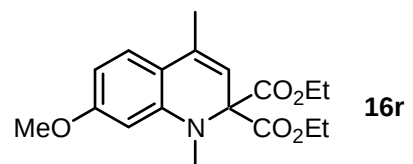


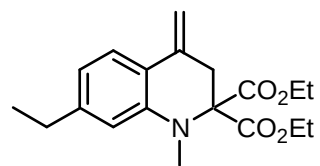


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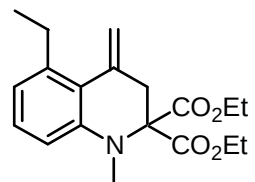




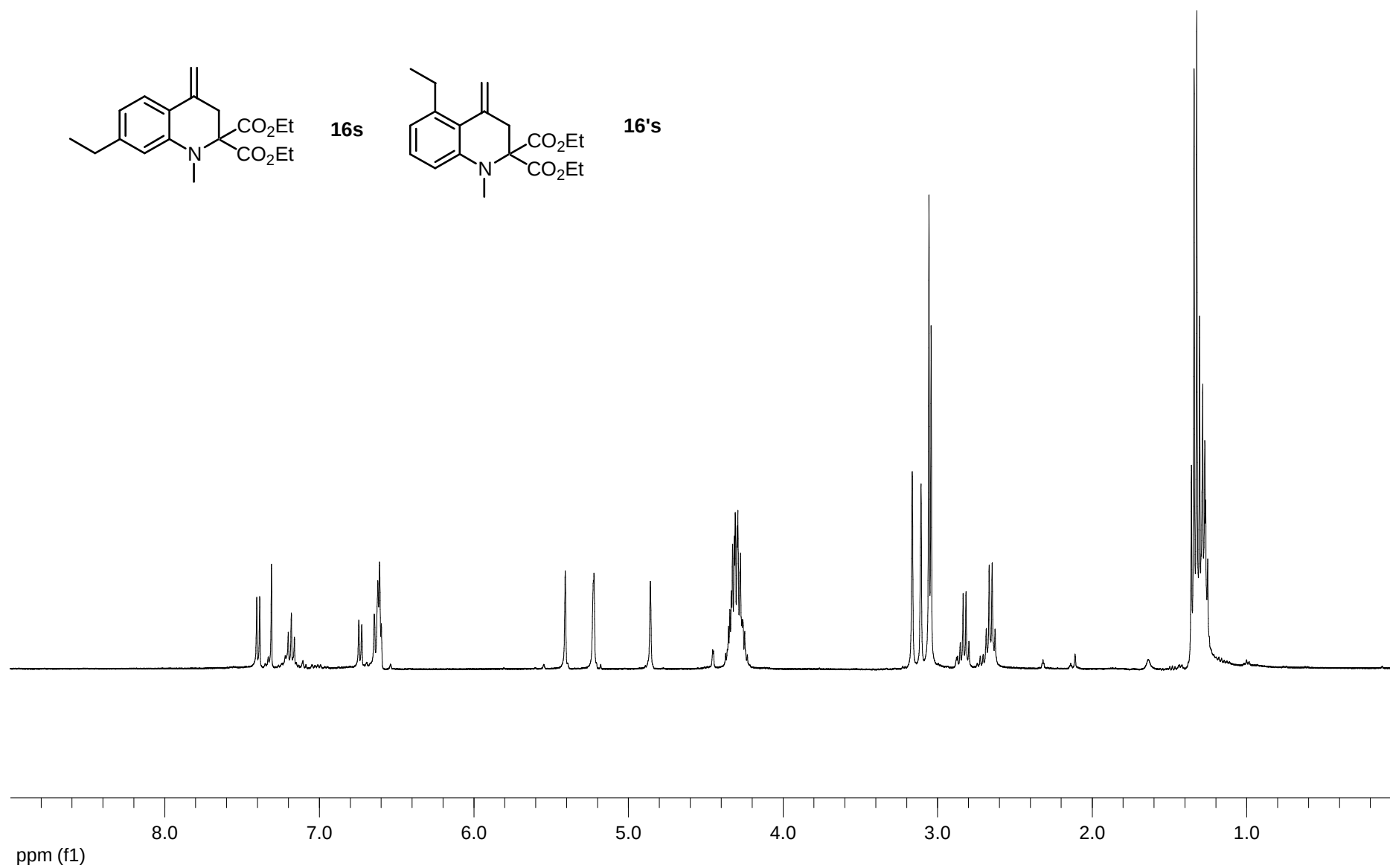


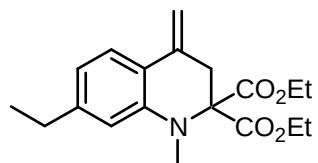


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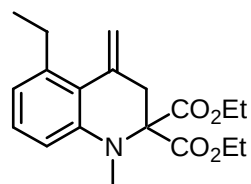


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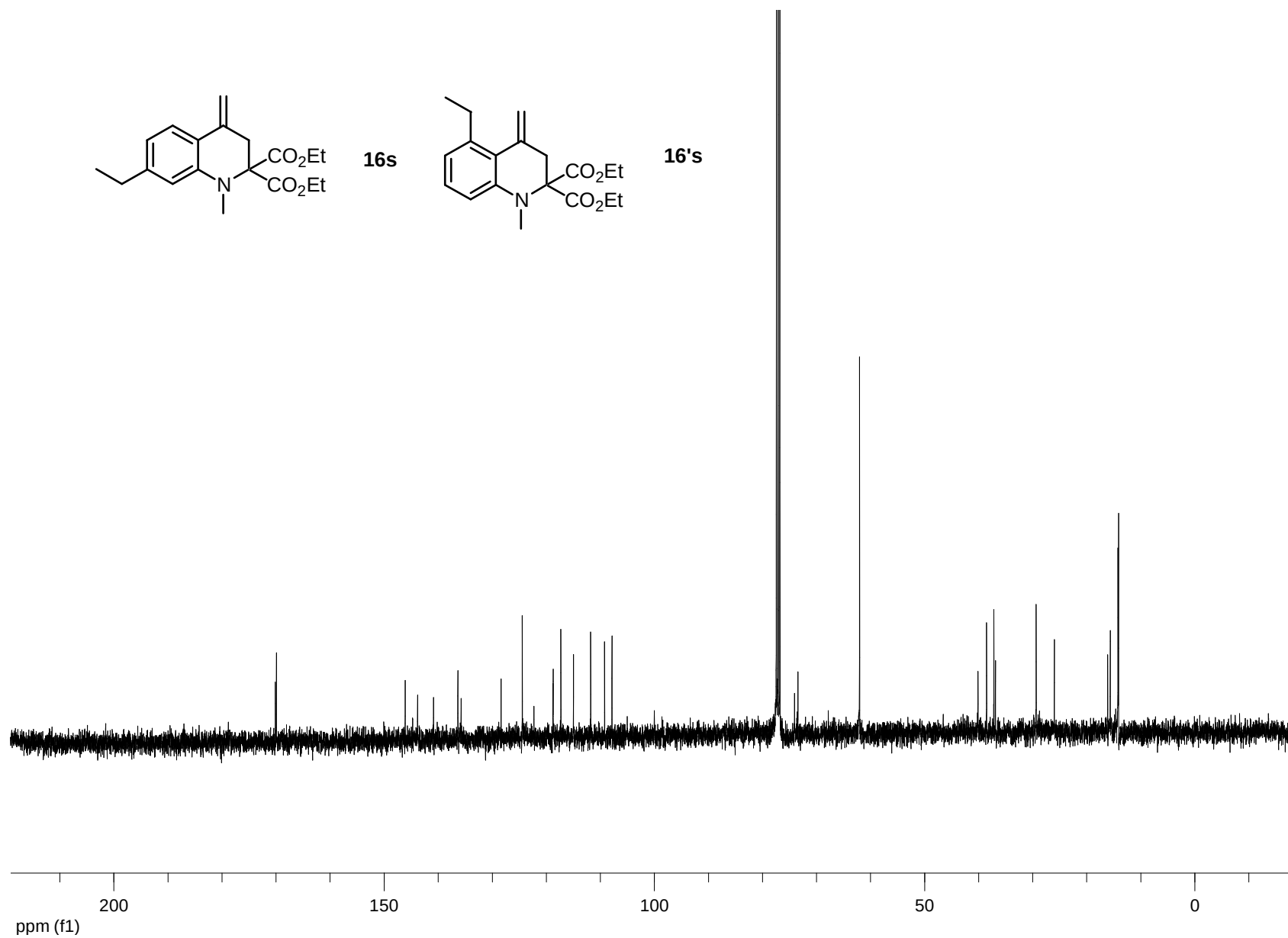


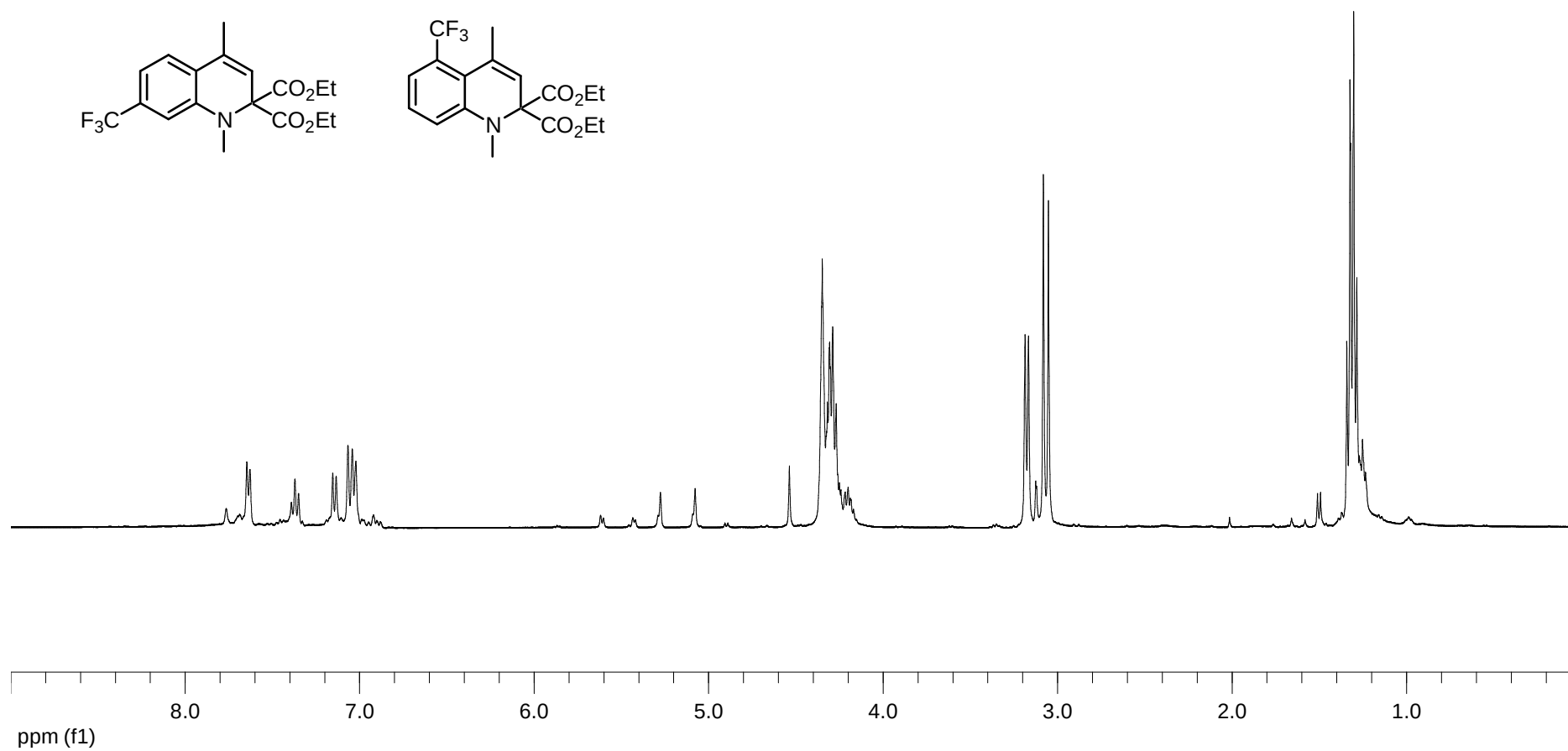
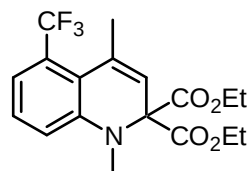
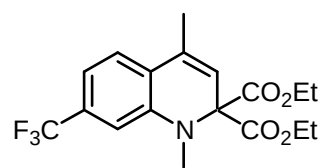


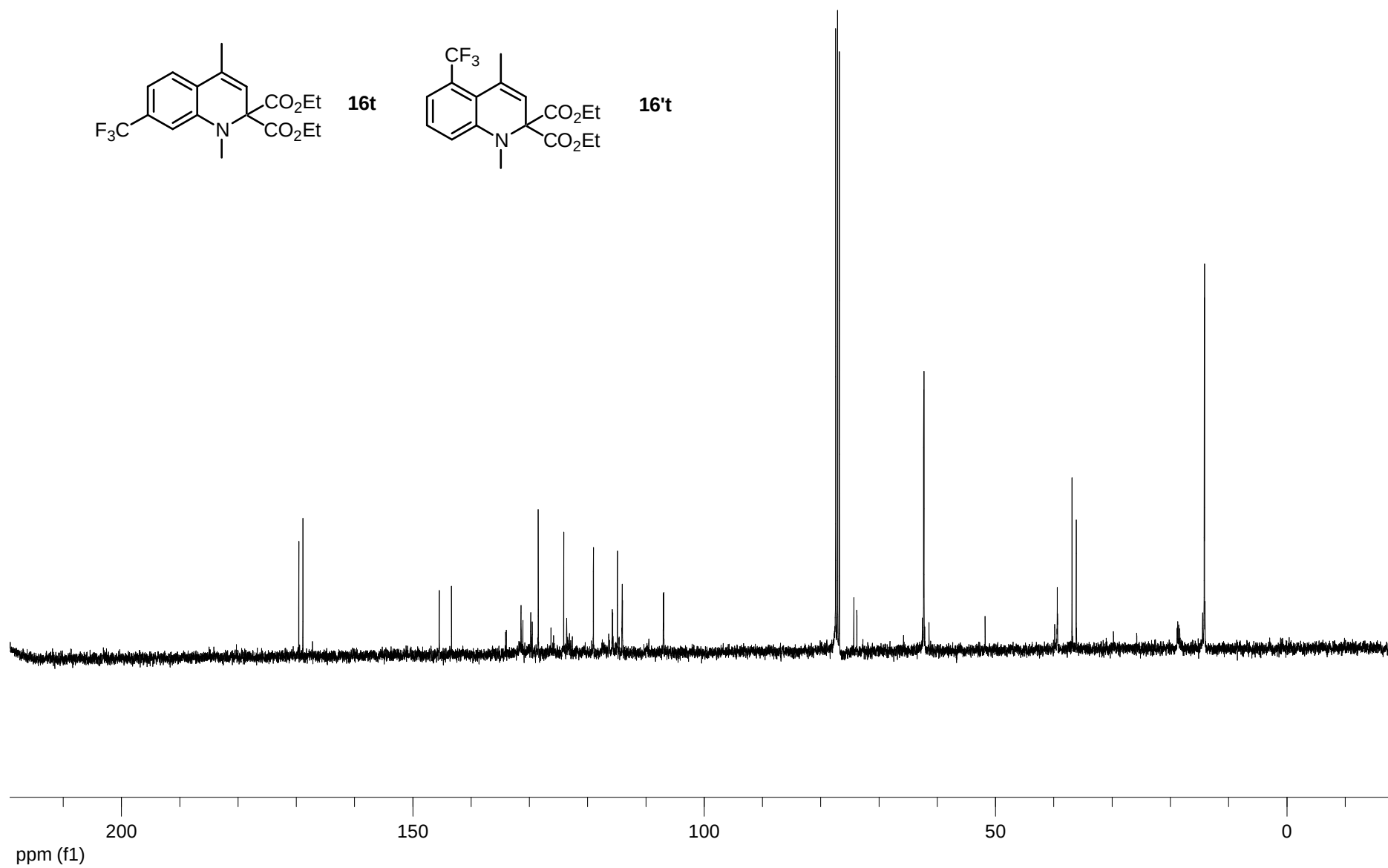
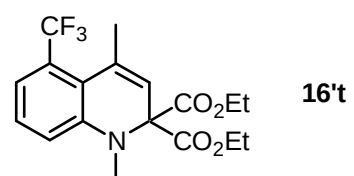
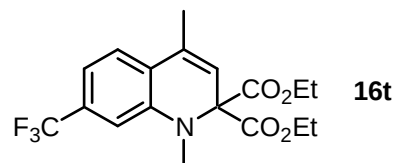
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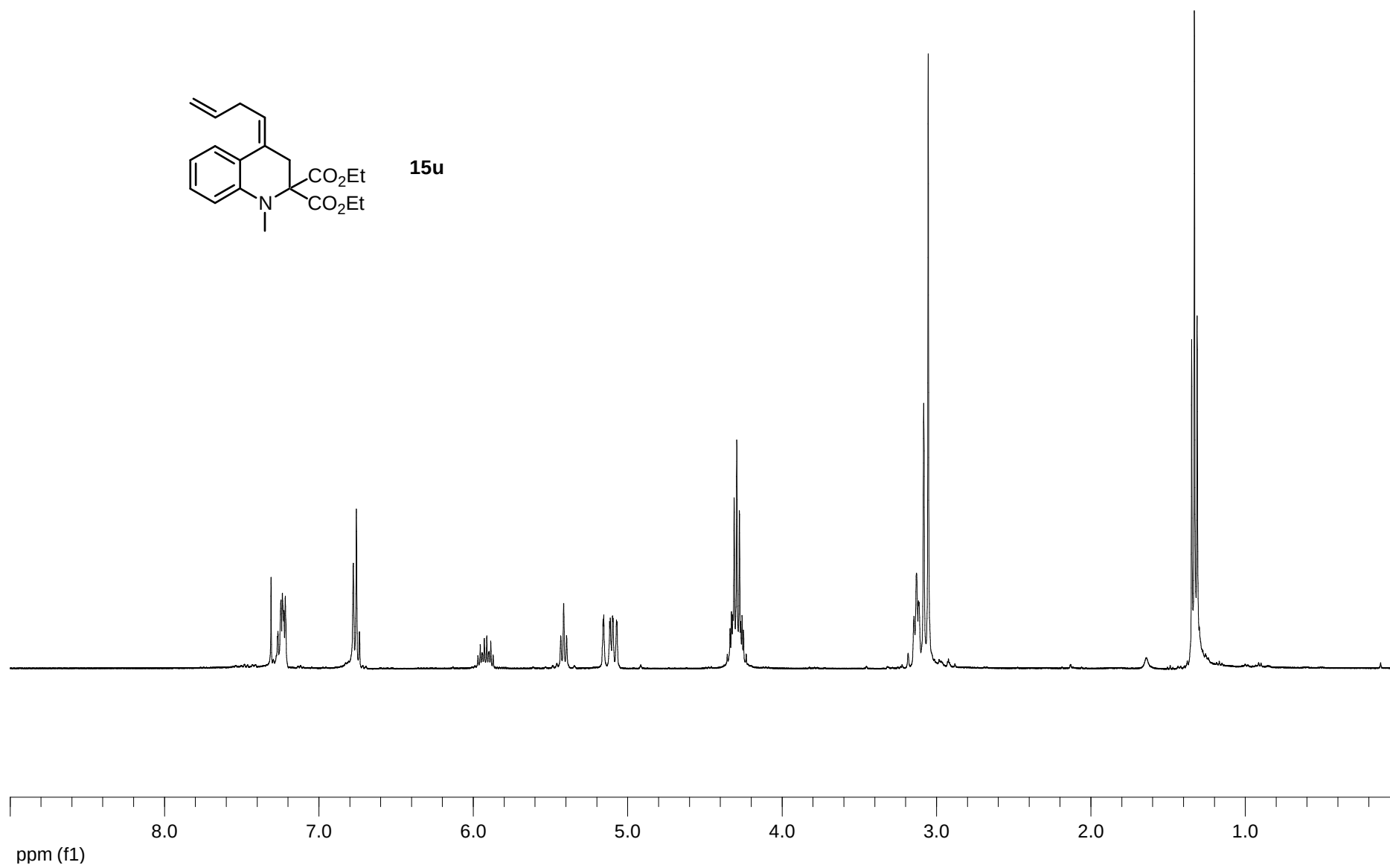
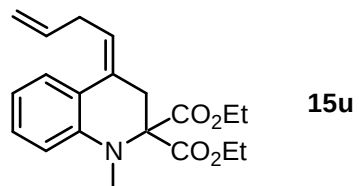


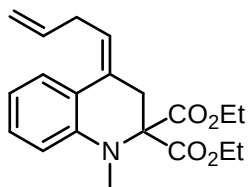
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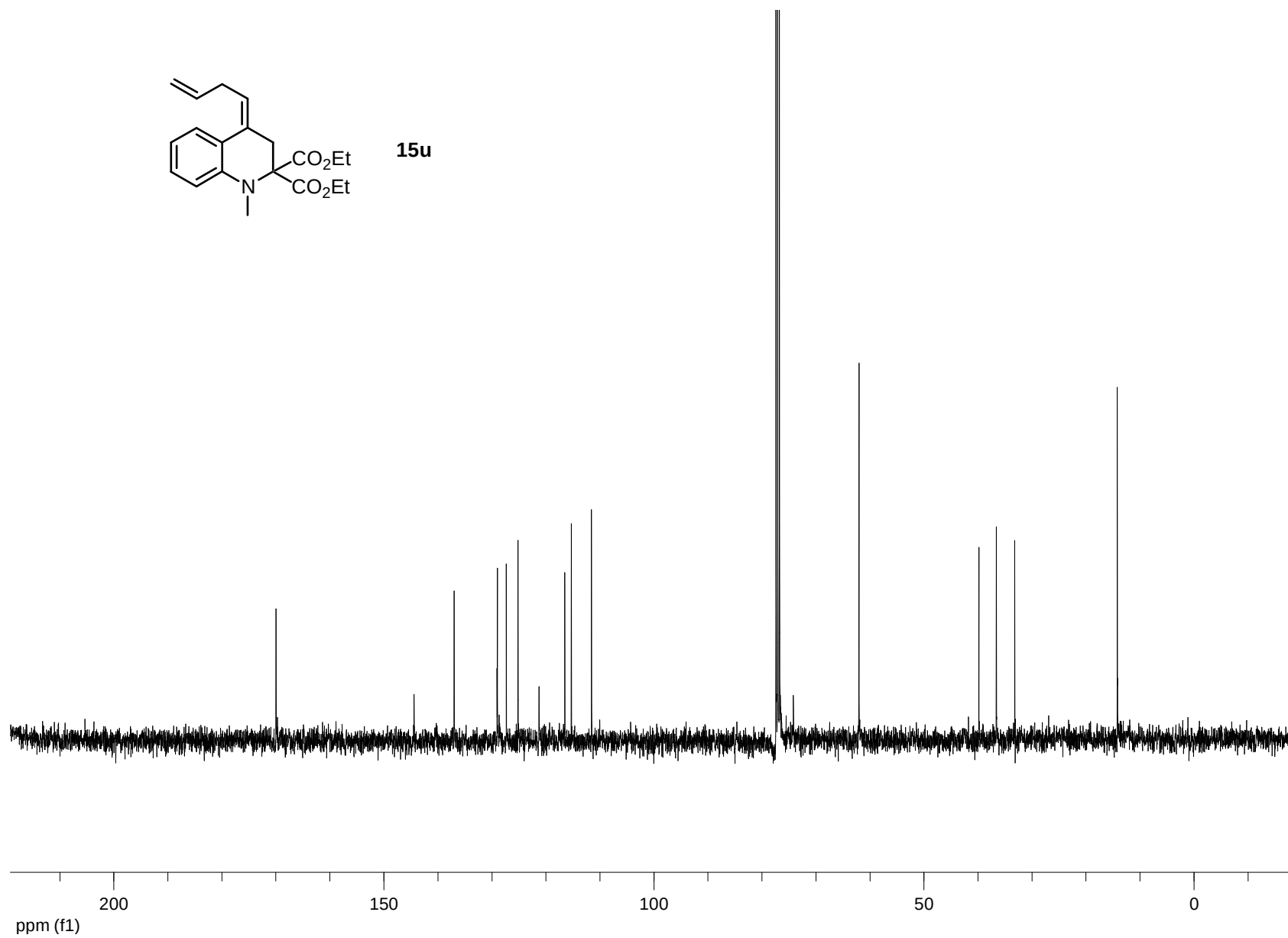


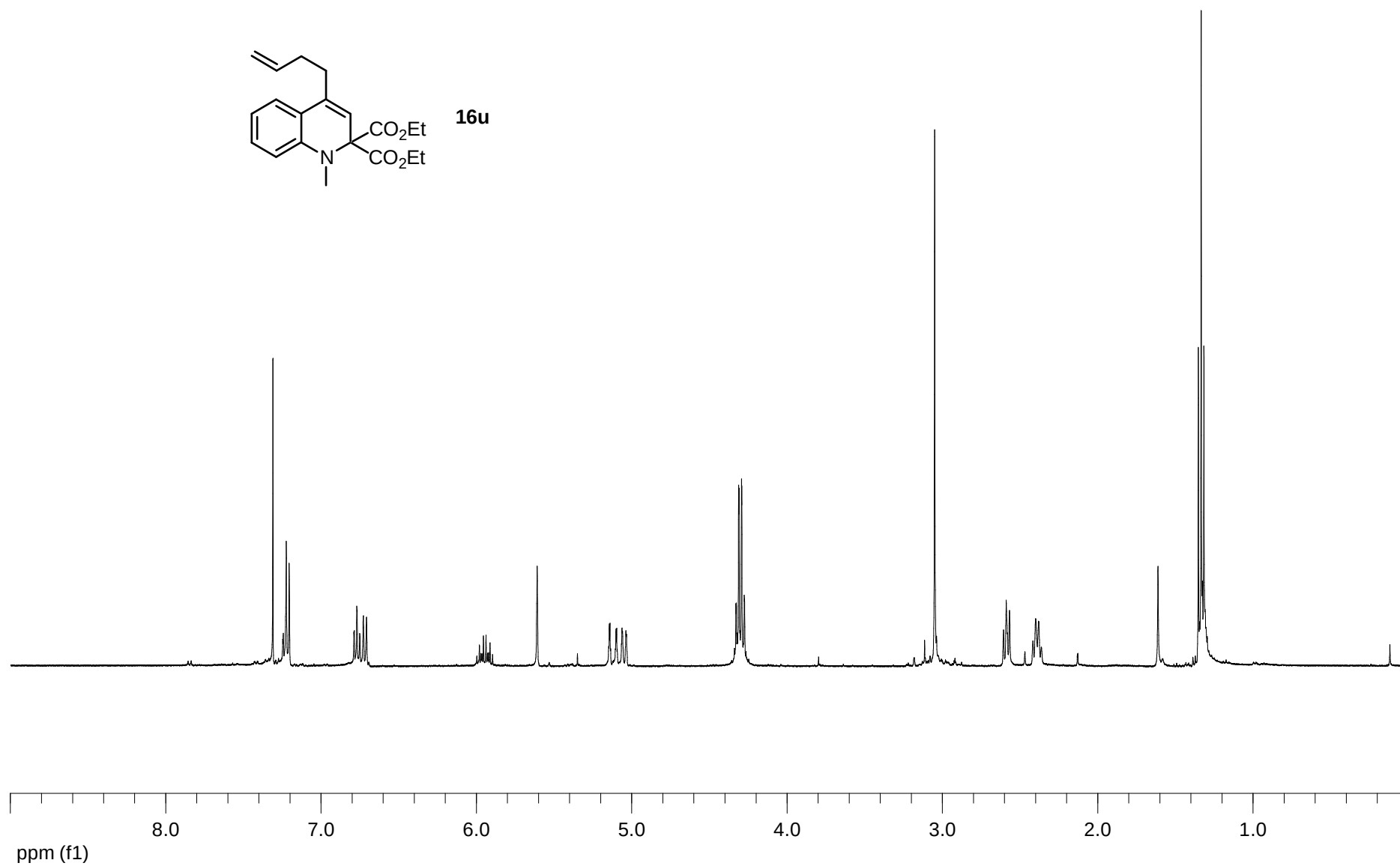
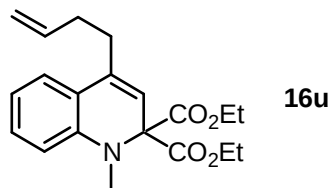


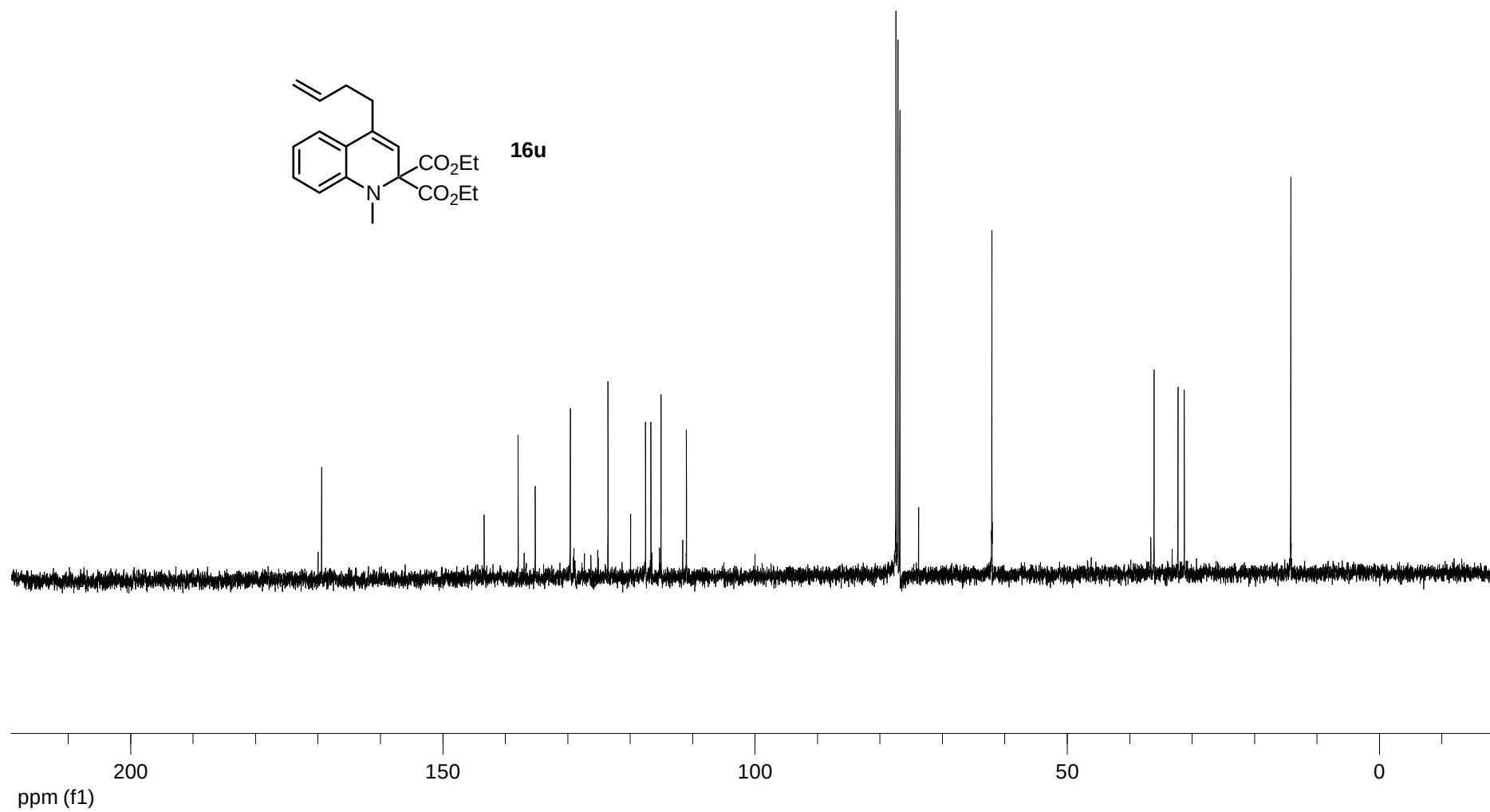
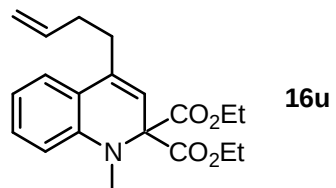


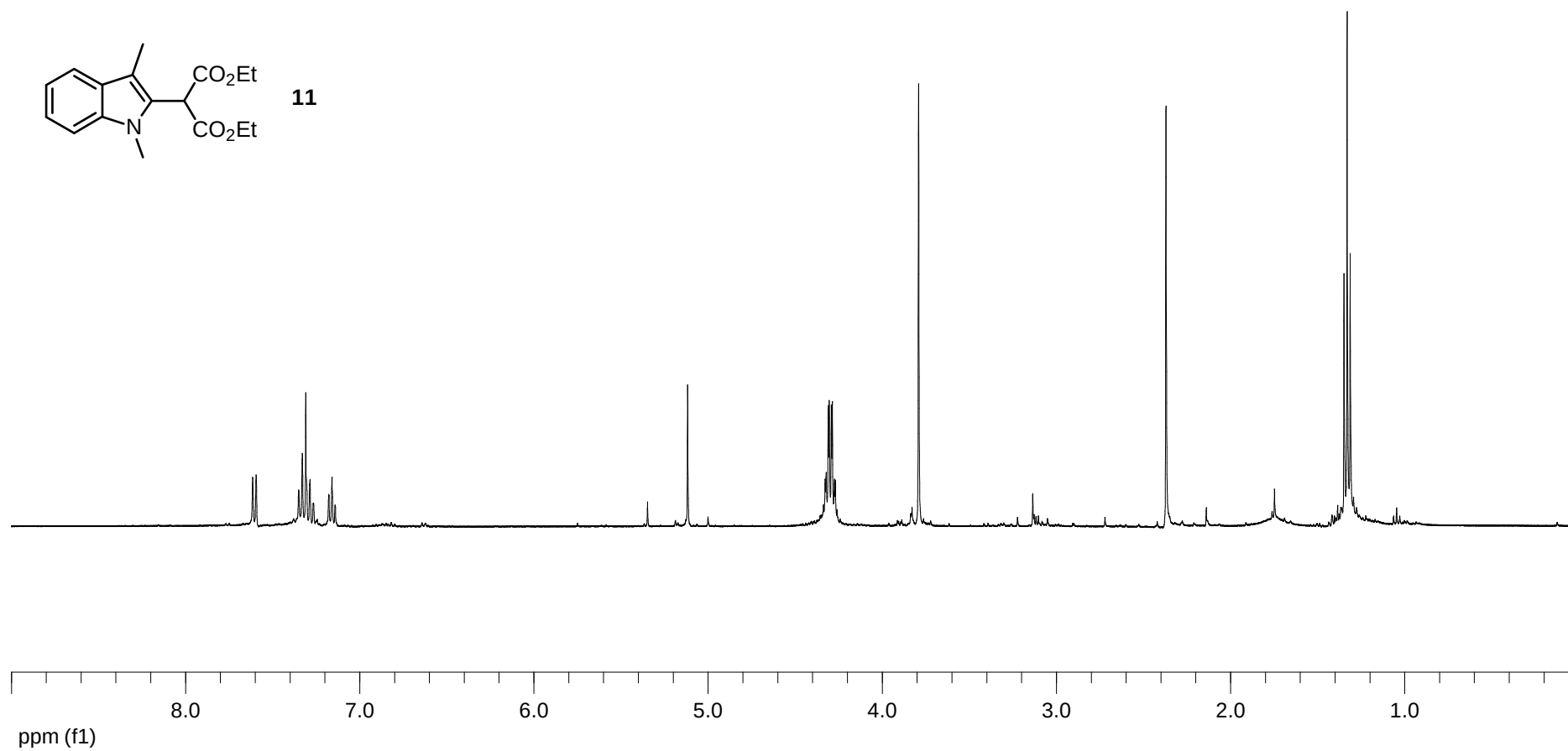
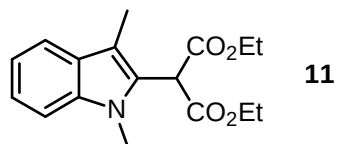


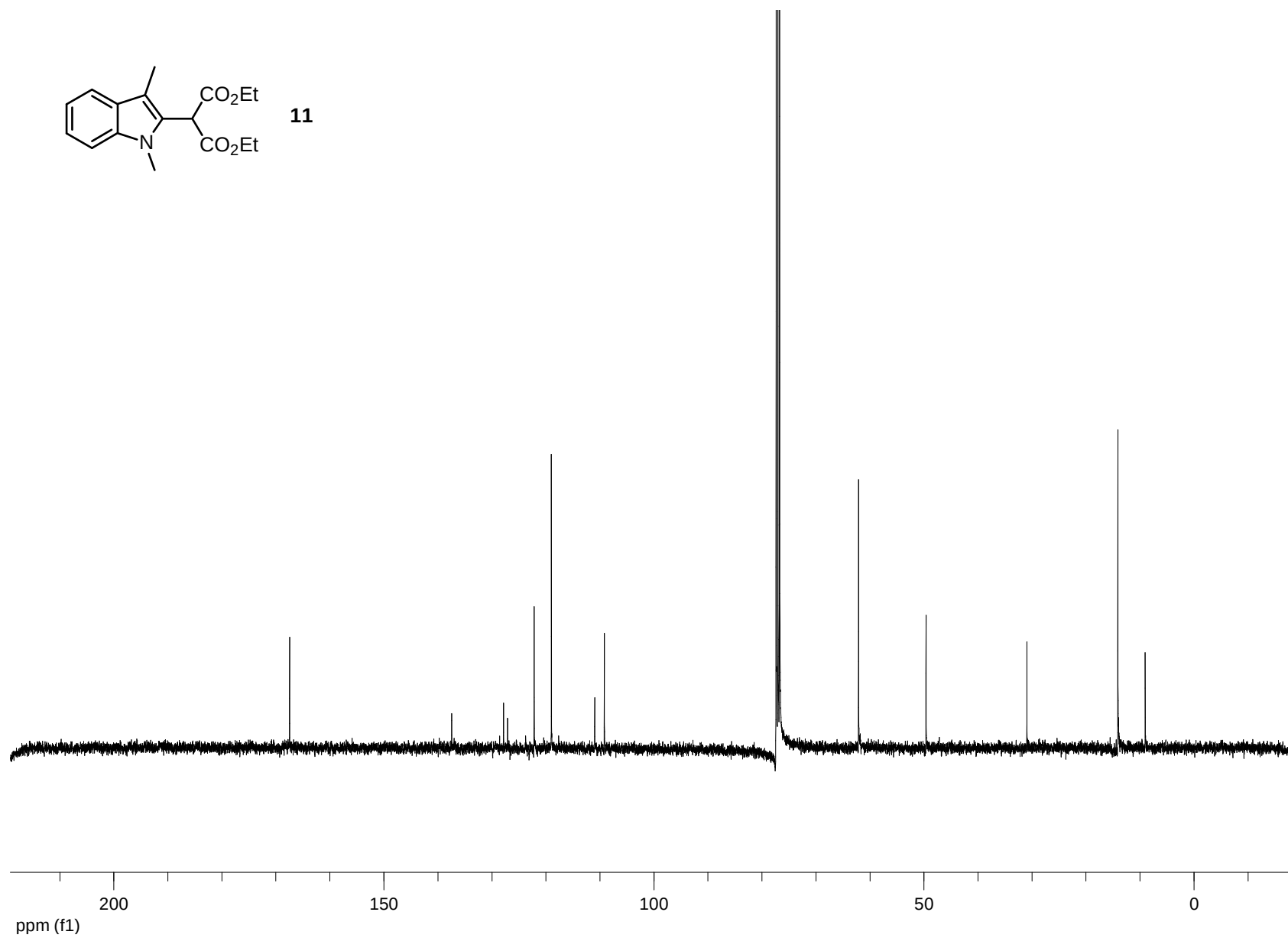
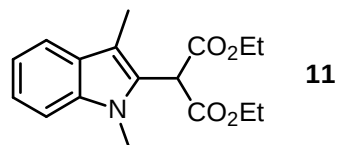
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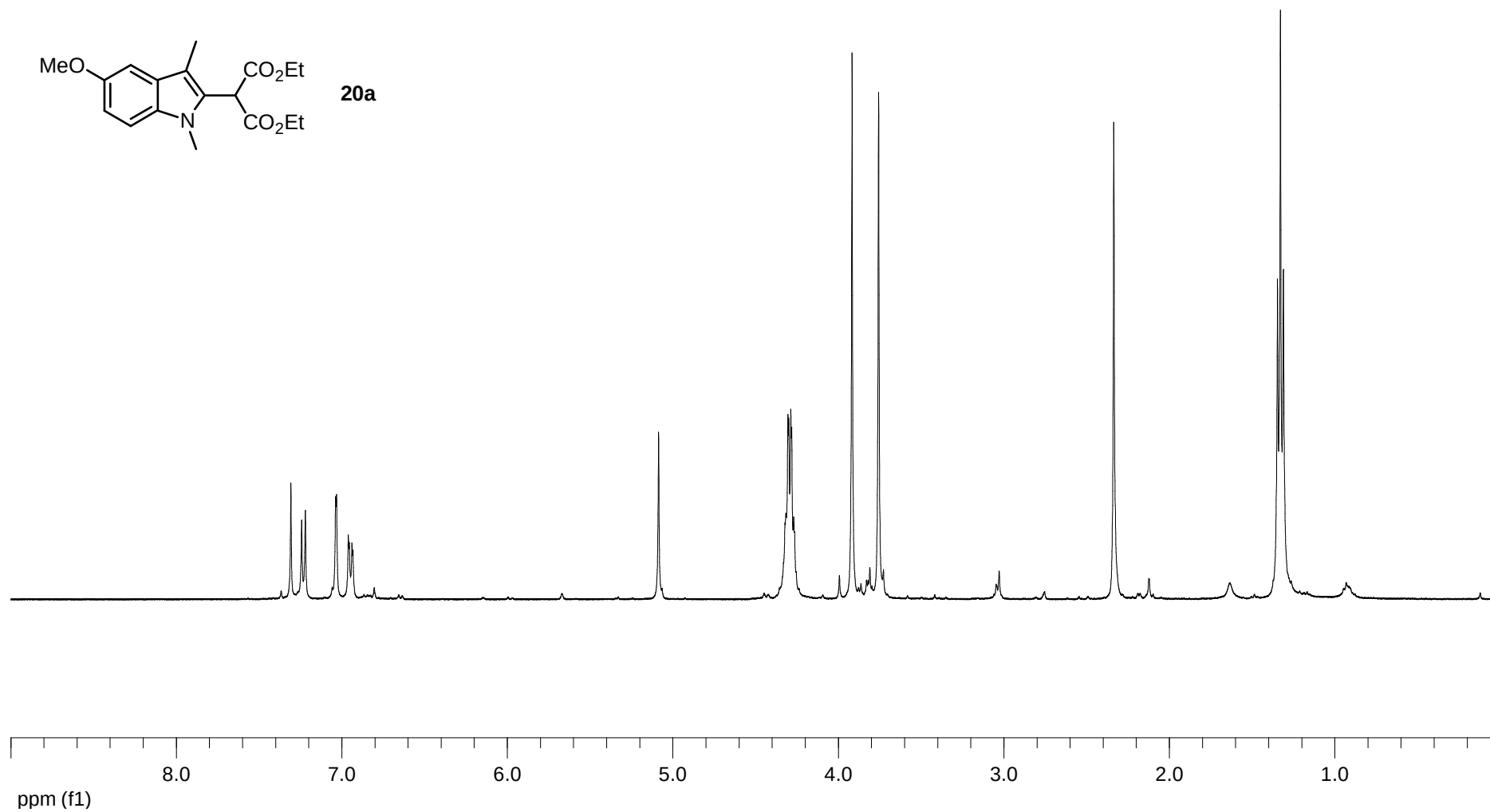
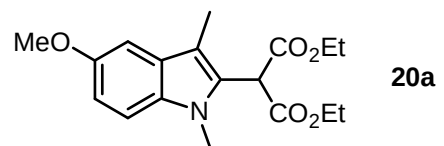


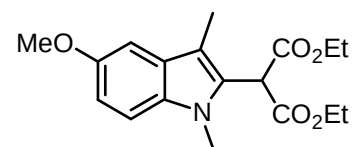




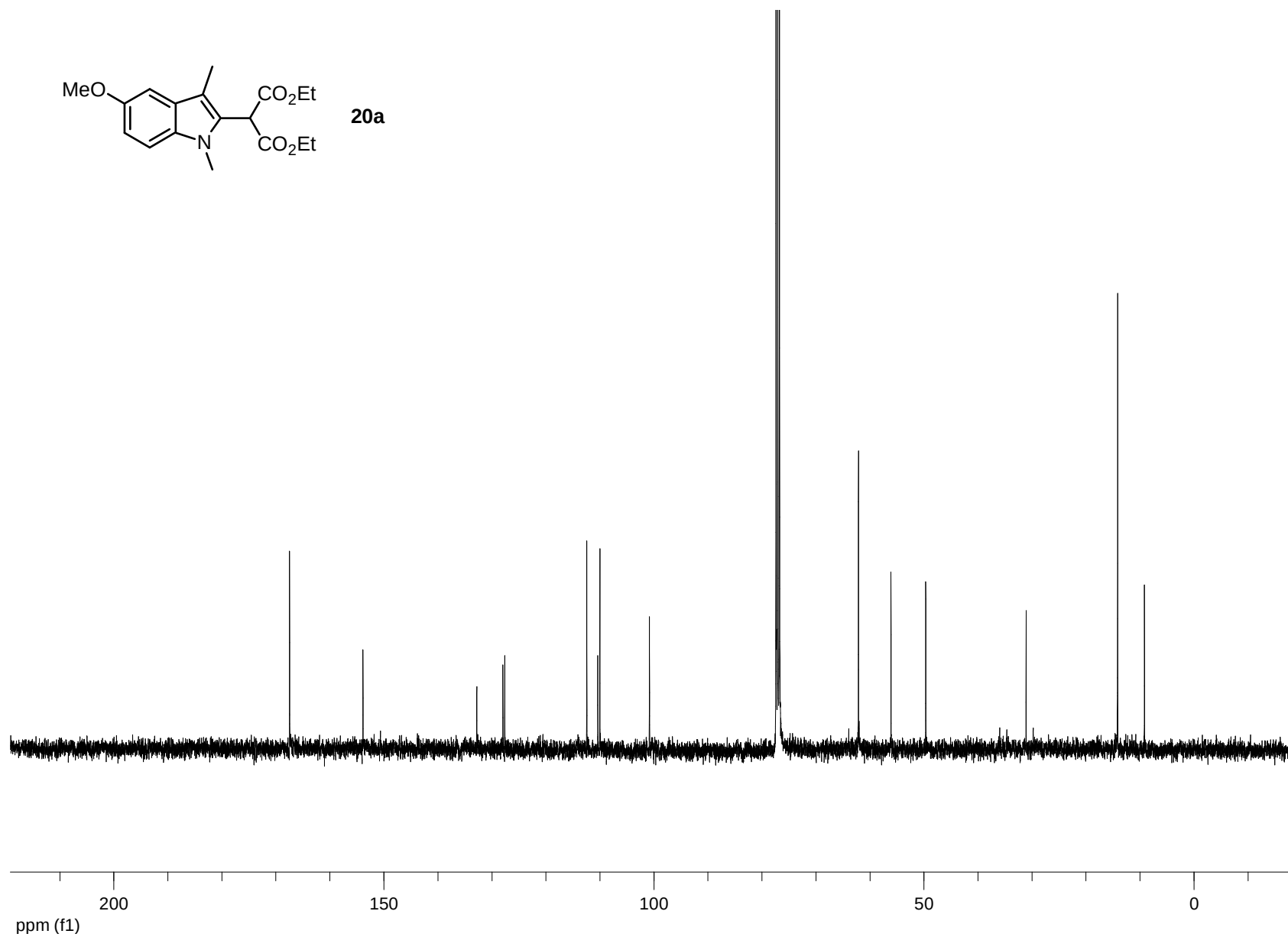


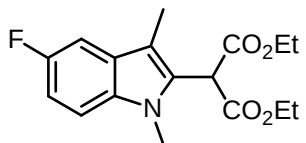




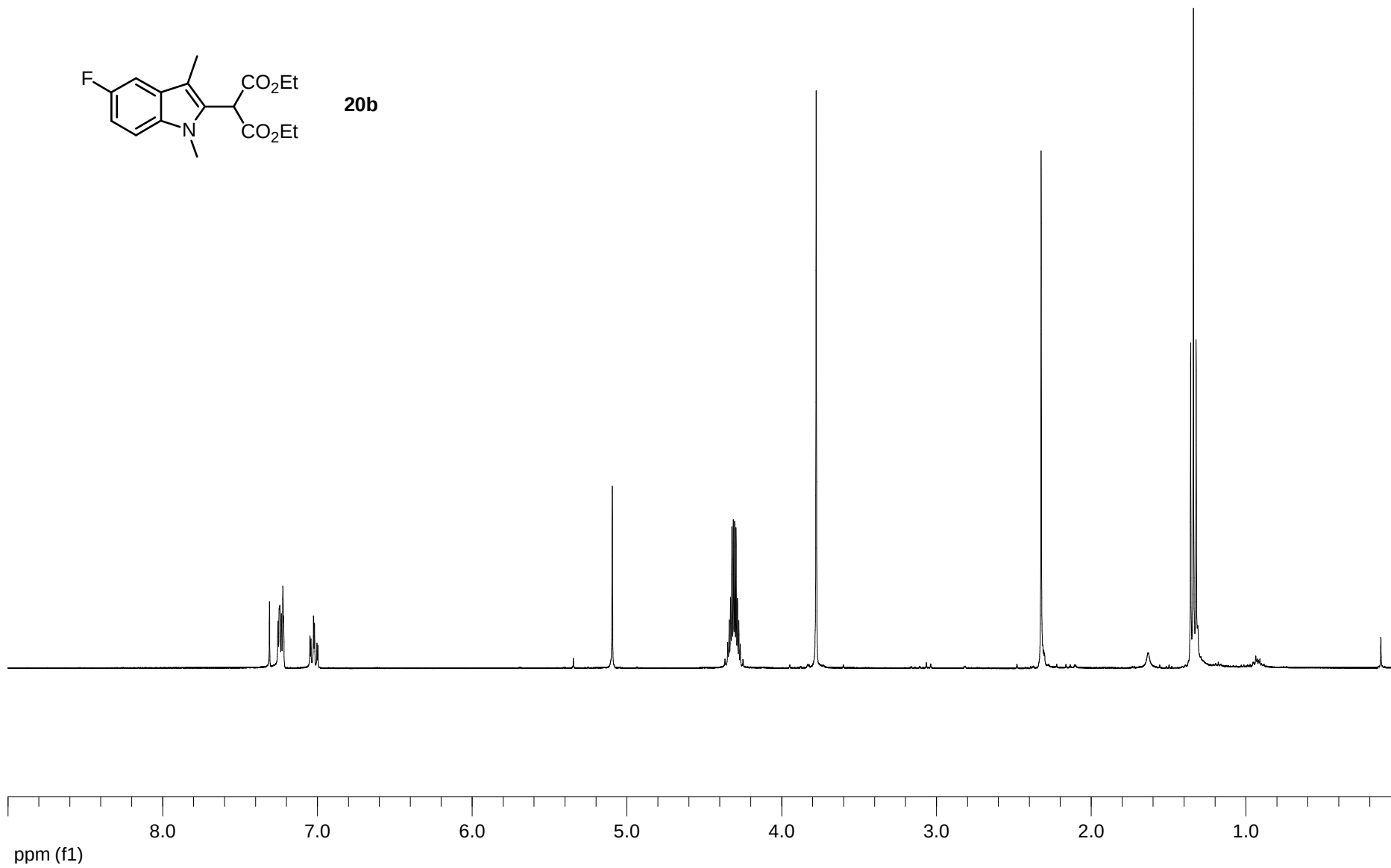


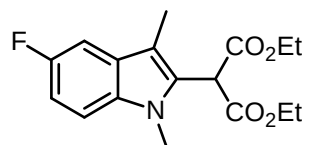
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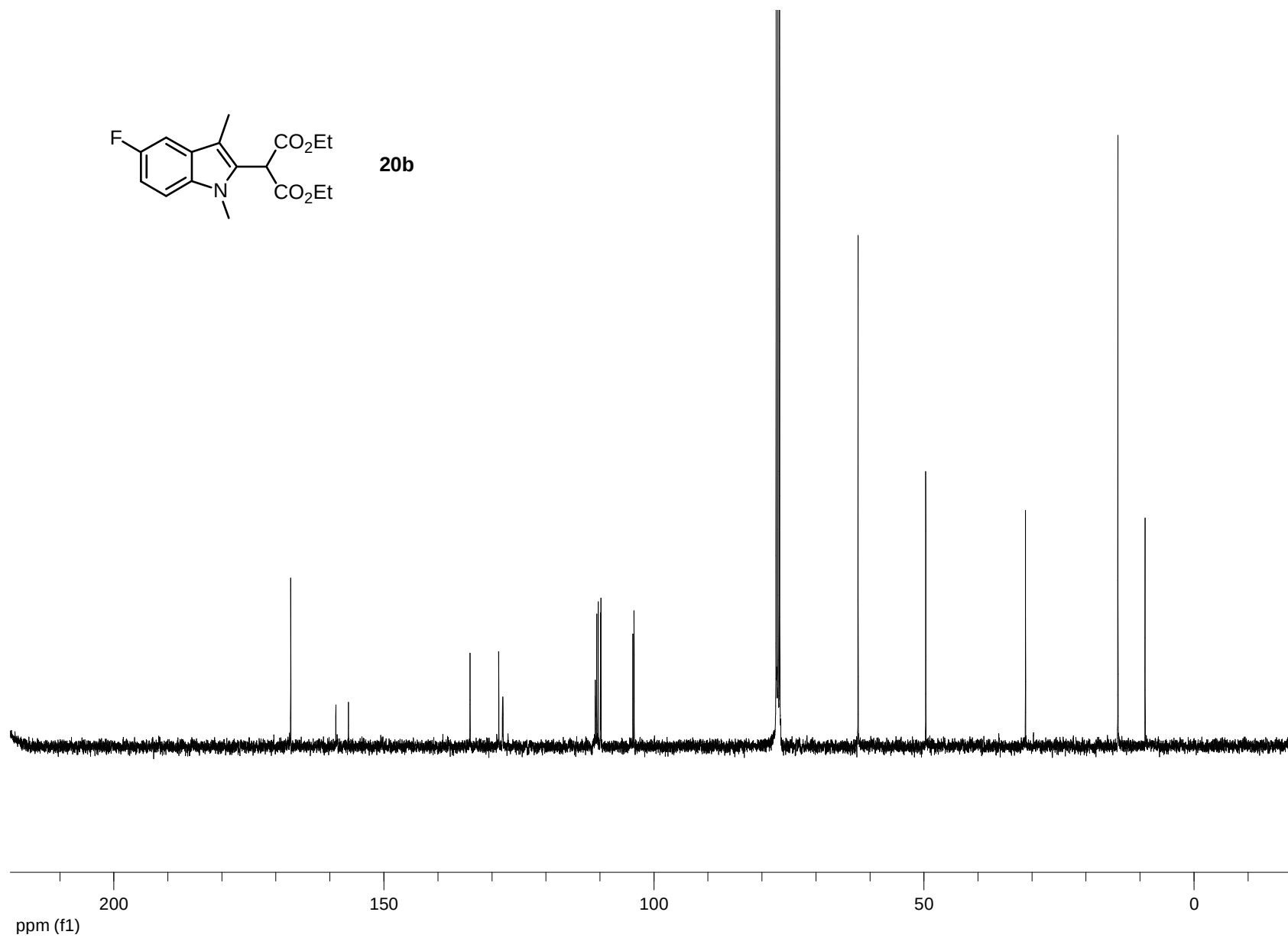


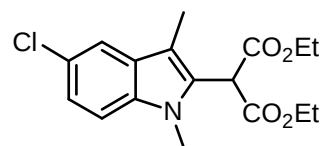
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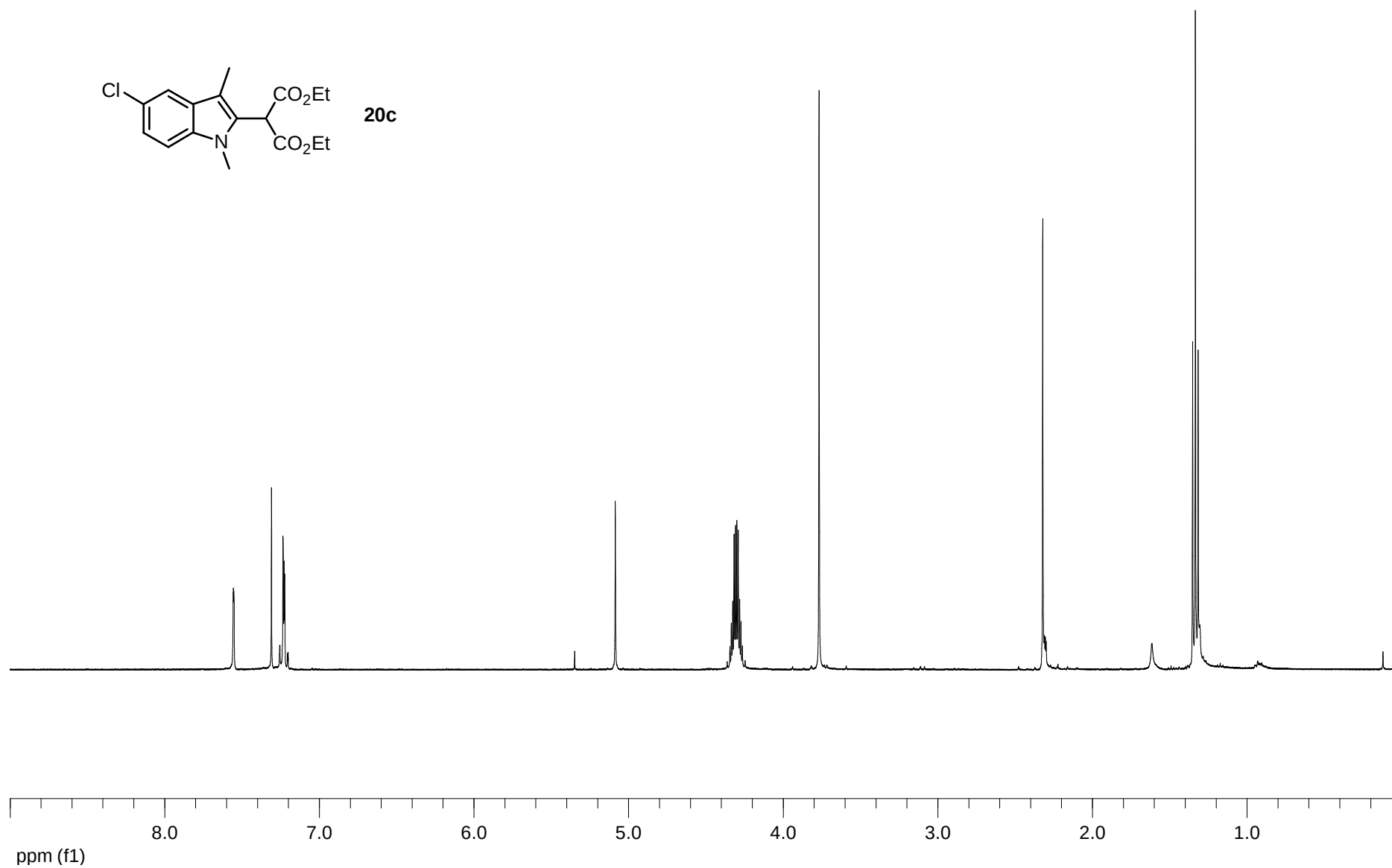


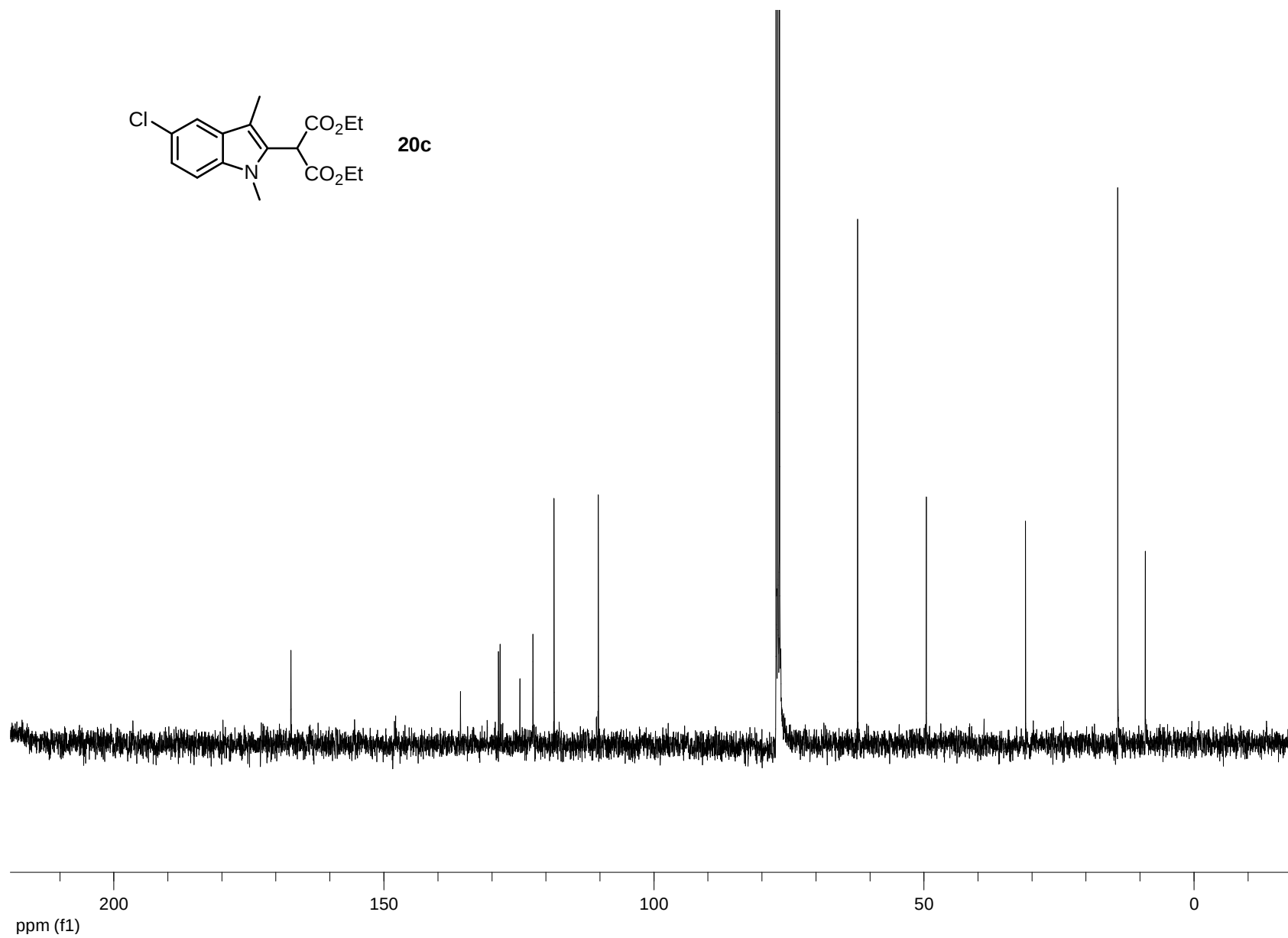
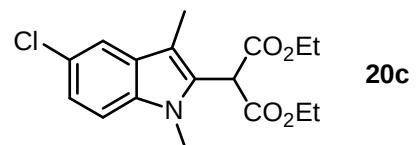
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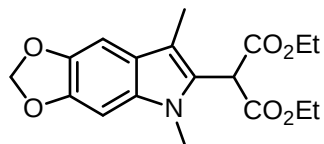




20c







20d

