

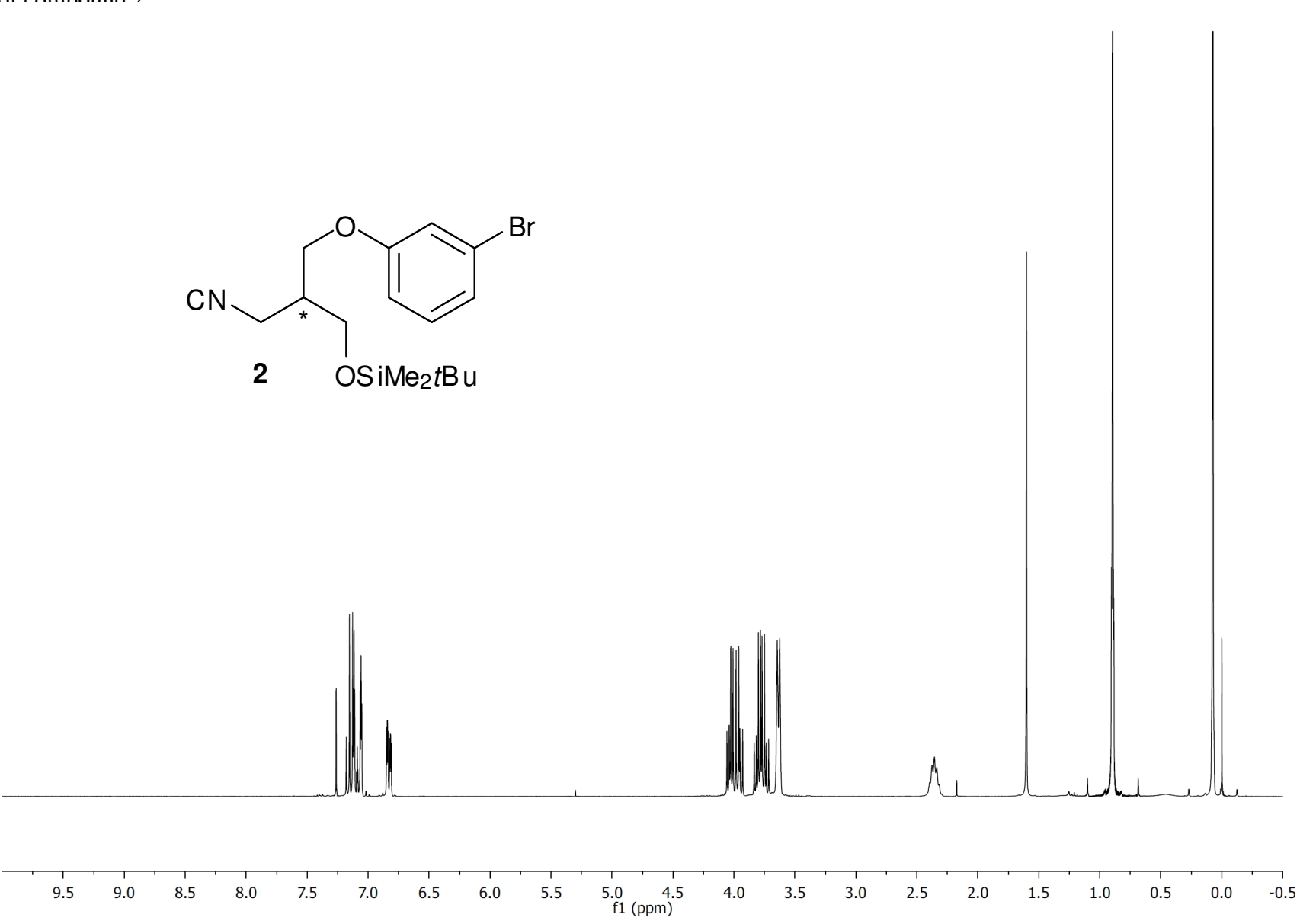
Diversity oriented and chemoenzymatic synthesis of densely functionalized pyrrolidines through a highly diastereoselective Ugi multicomponent reaction

Valentina Cerulli, Luca Banfi, Andrea Basso, Valeria Rocca, Renata Riva

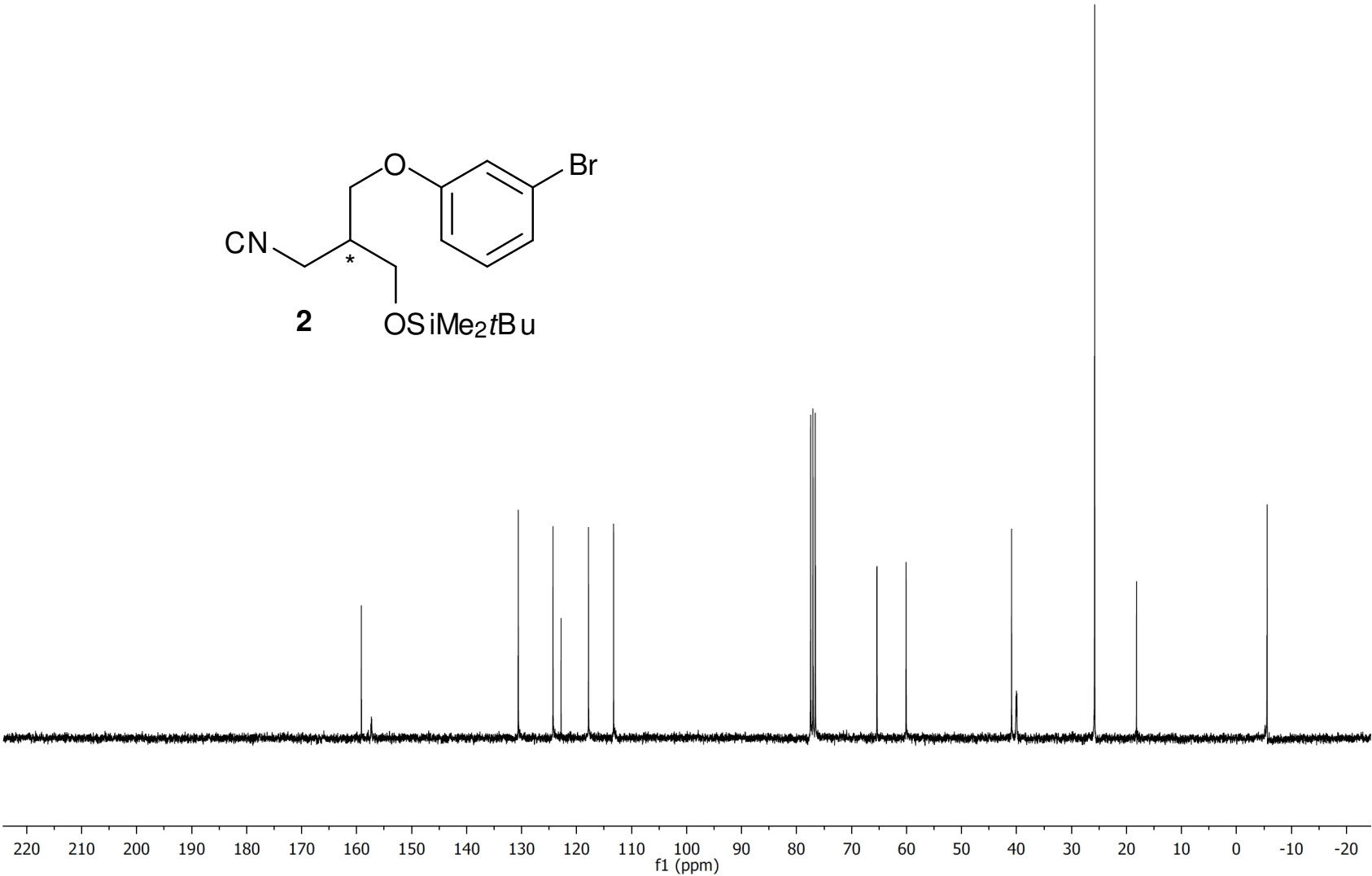
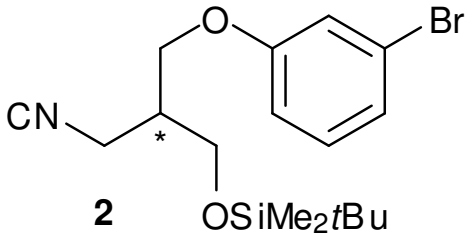
Supporting Information

^1H AND ^{13}C NMR SPECTRA OF NEW COMPOUNDS (PART I)

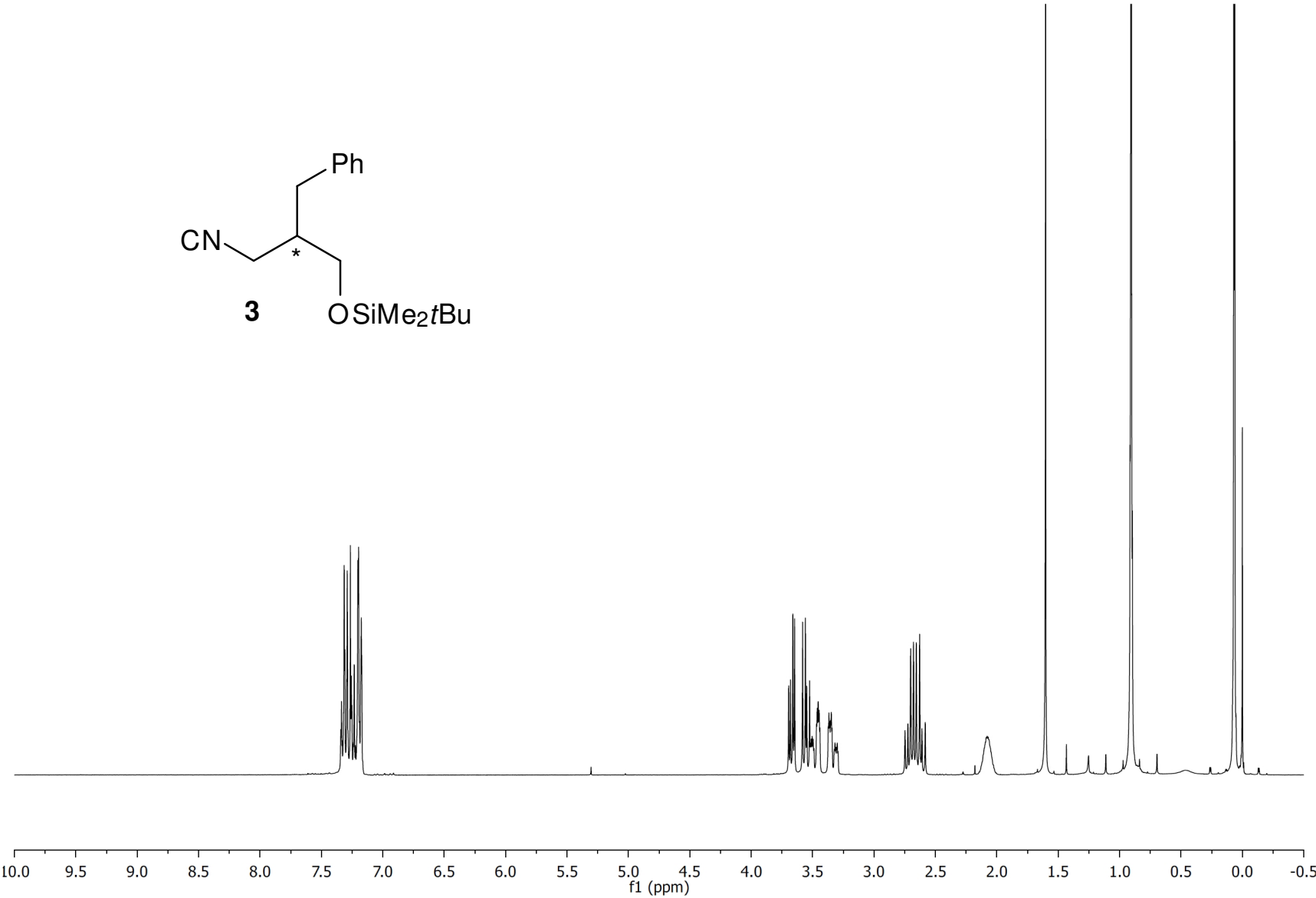
¹H NMR of compound 2

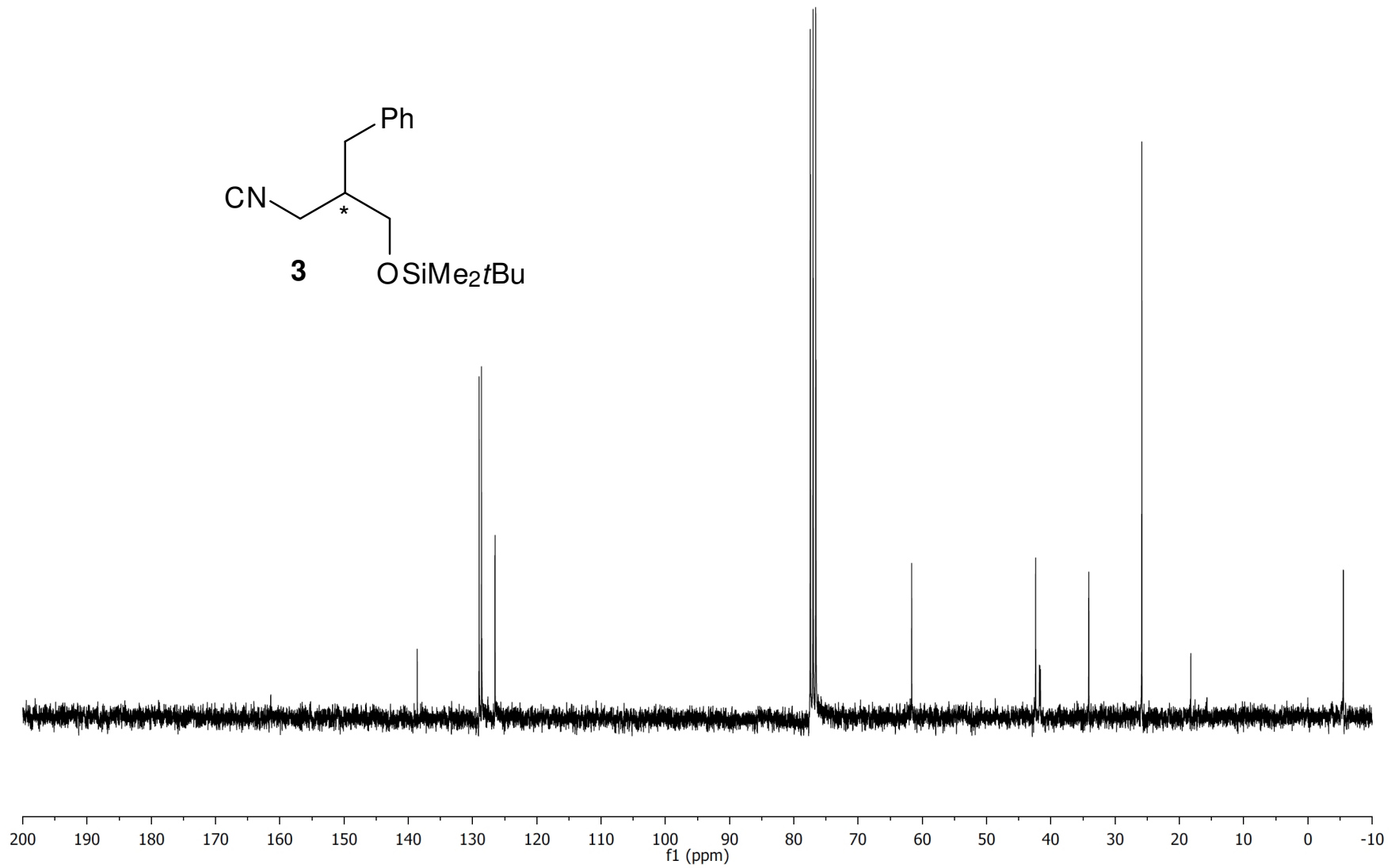
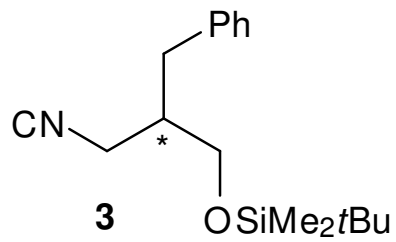
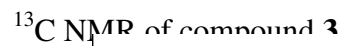


¹³C NMR of compound 2

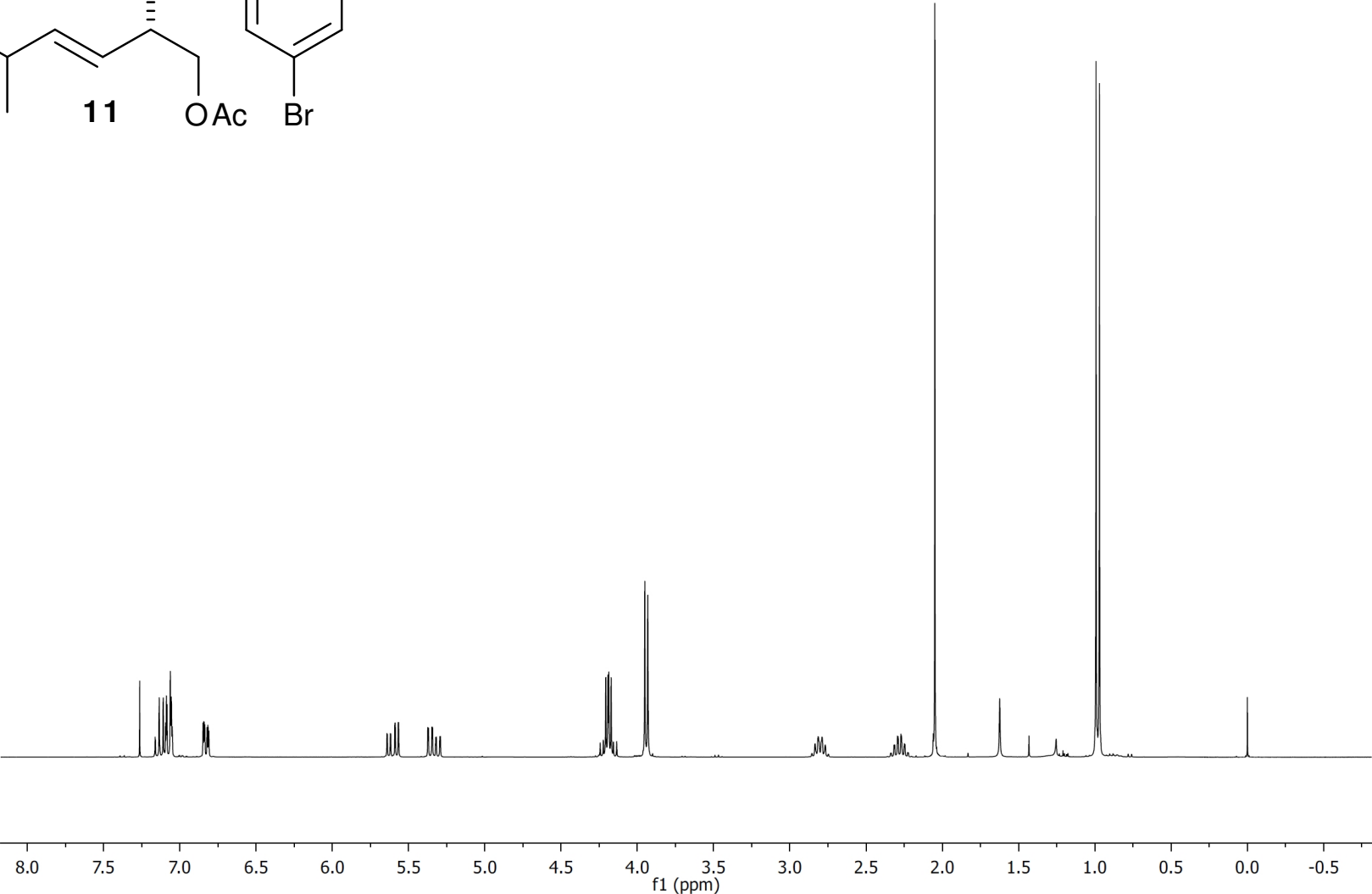
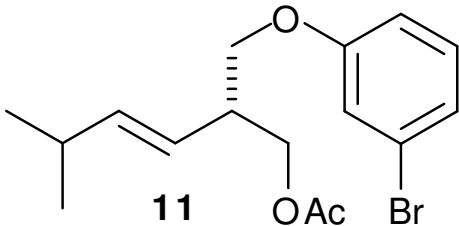


¹H NMR of compound **3**

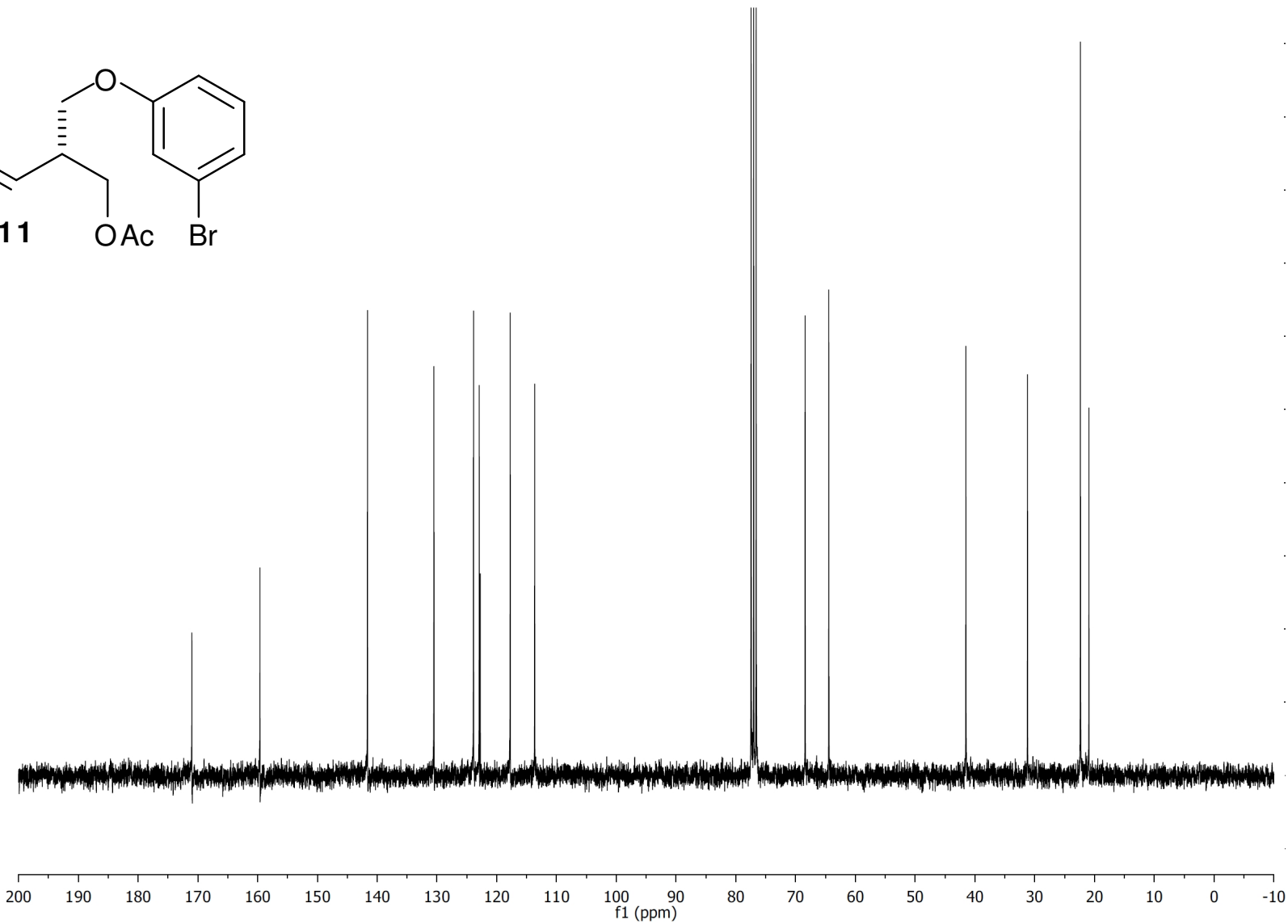
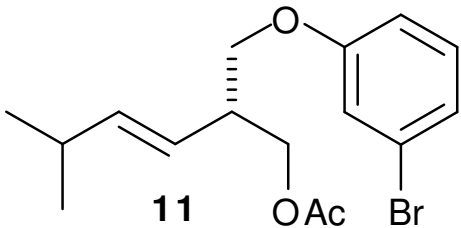




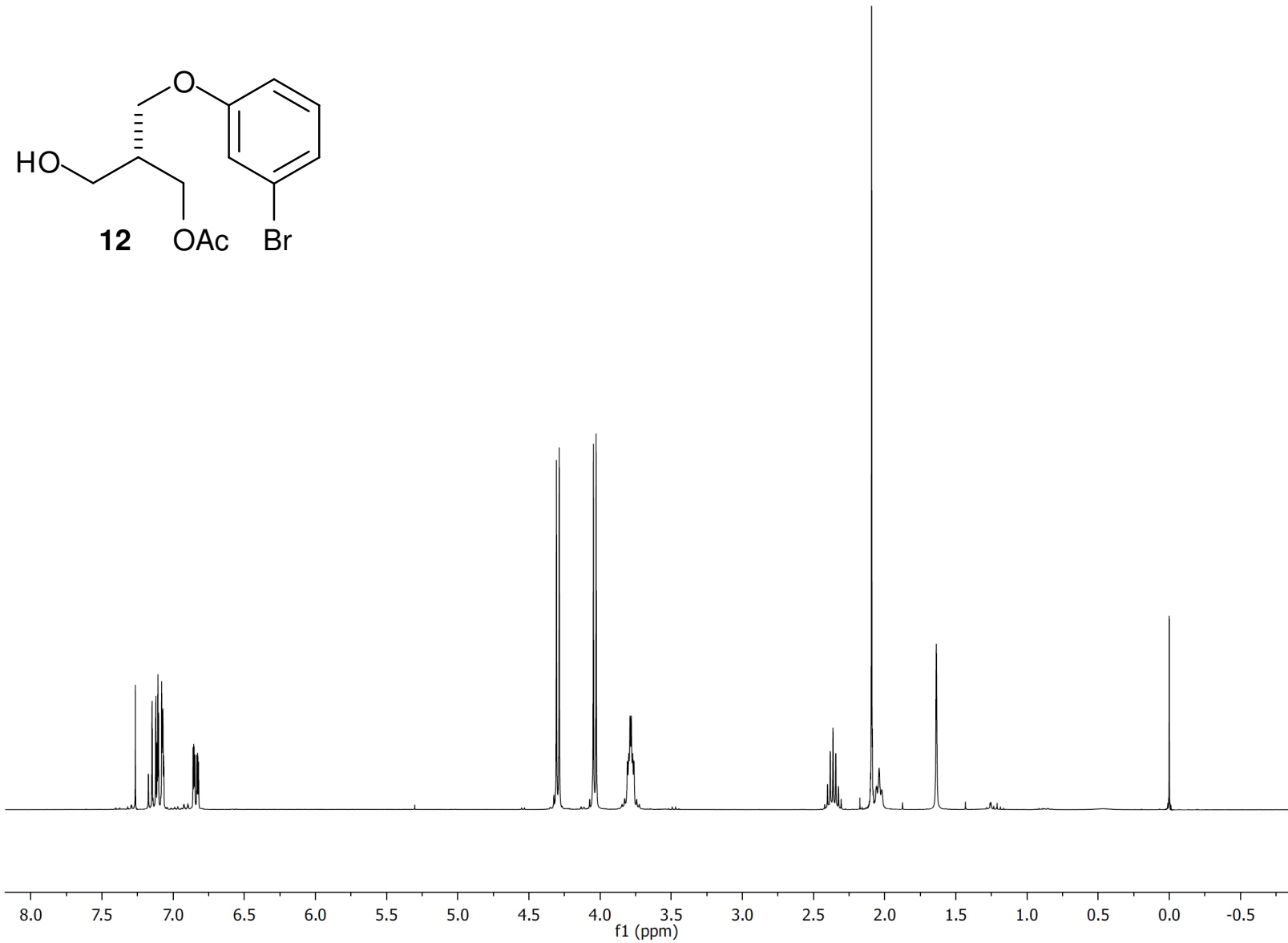
¹H NMR of compound **11**



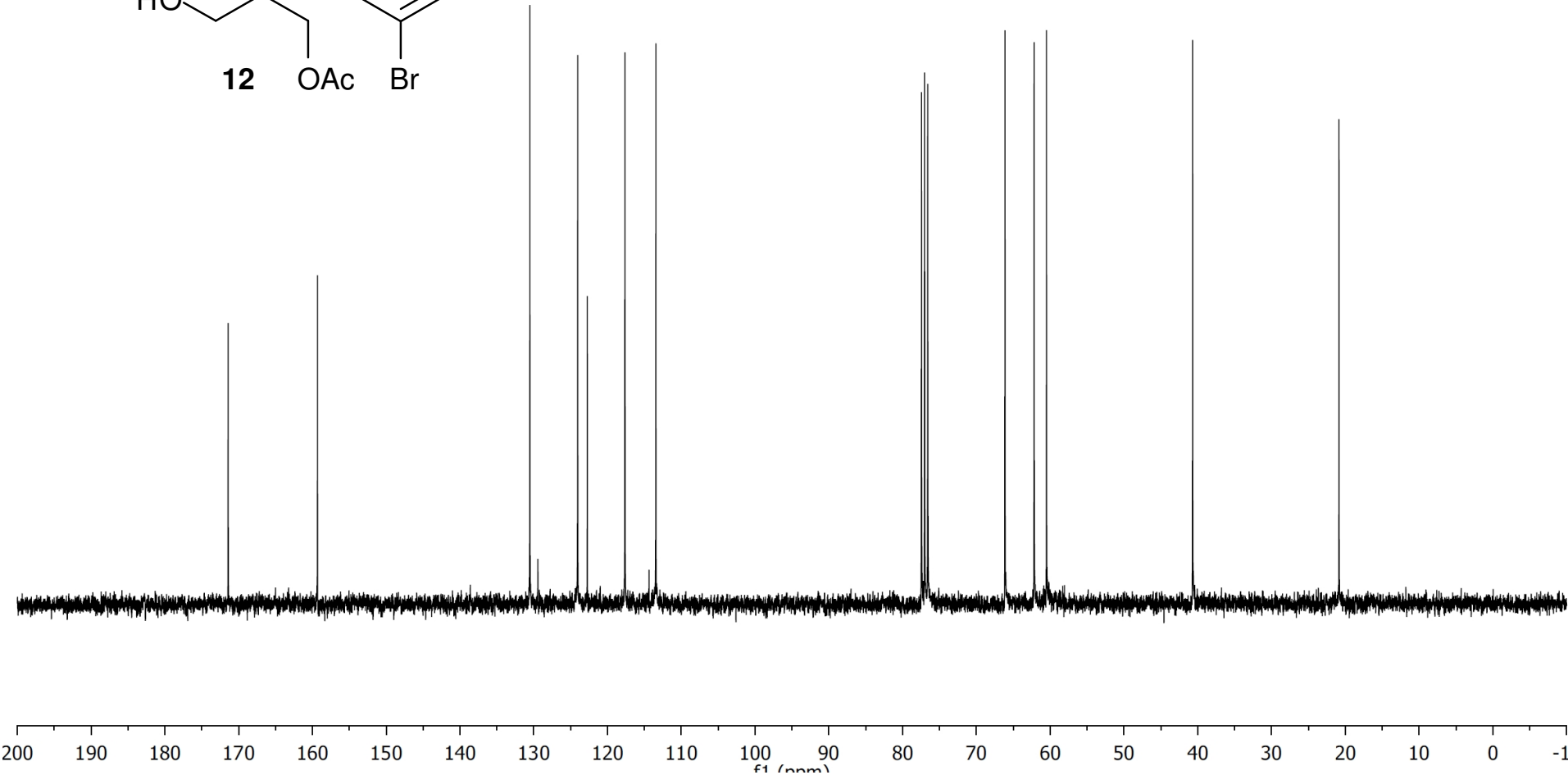
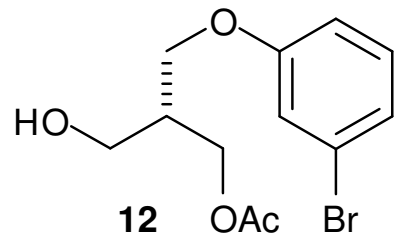
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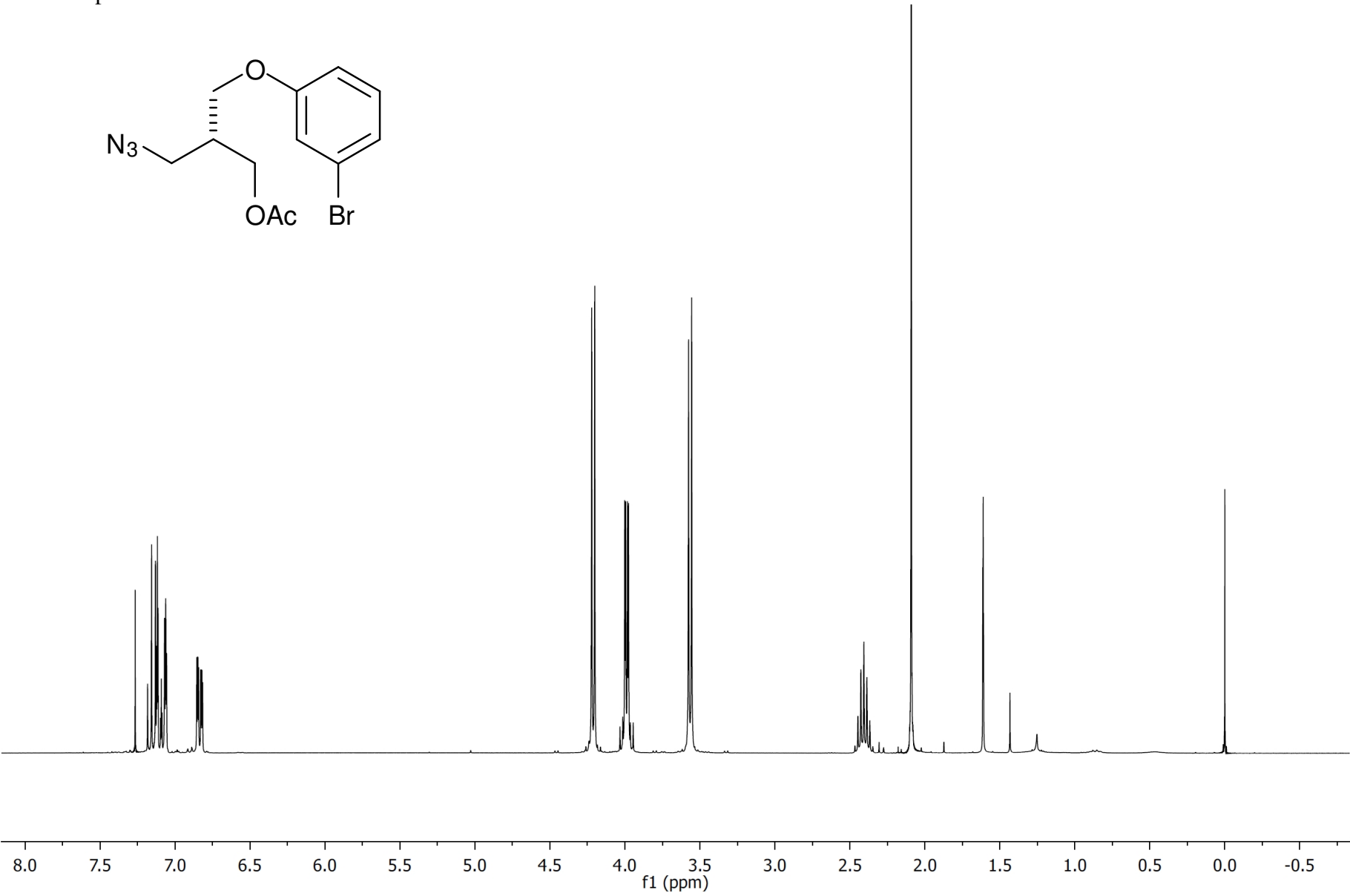
¹H NMR of compound **12**



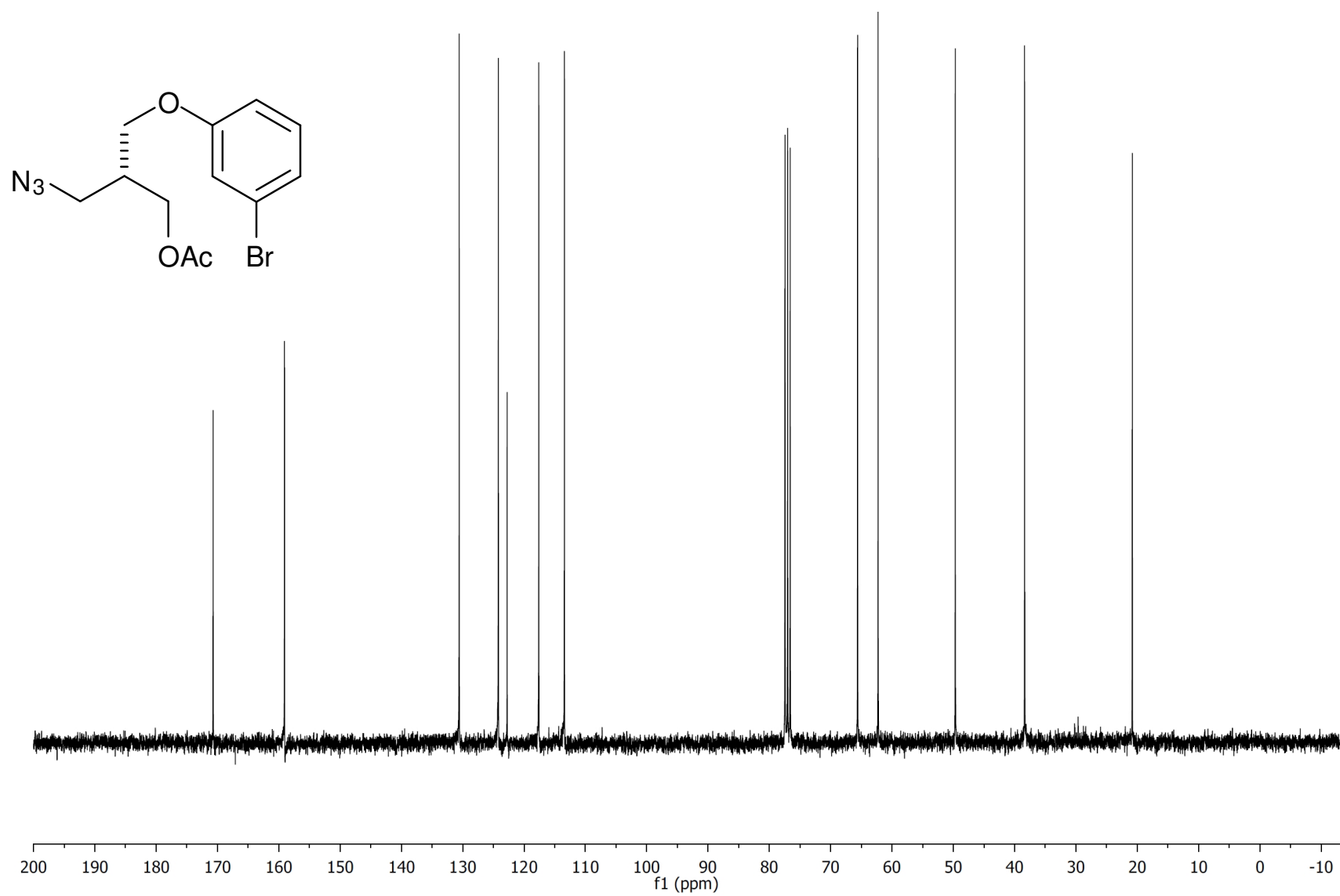
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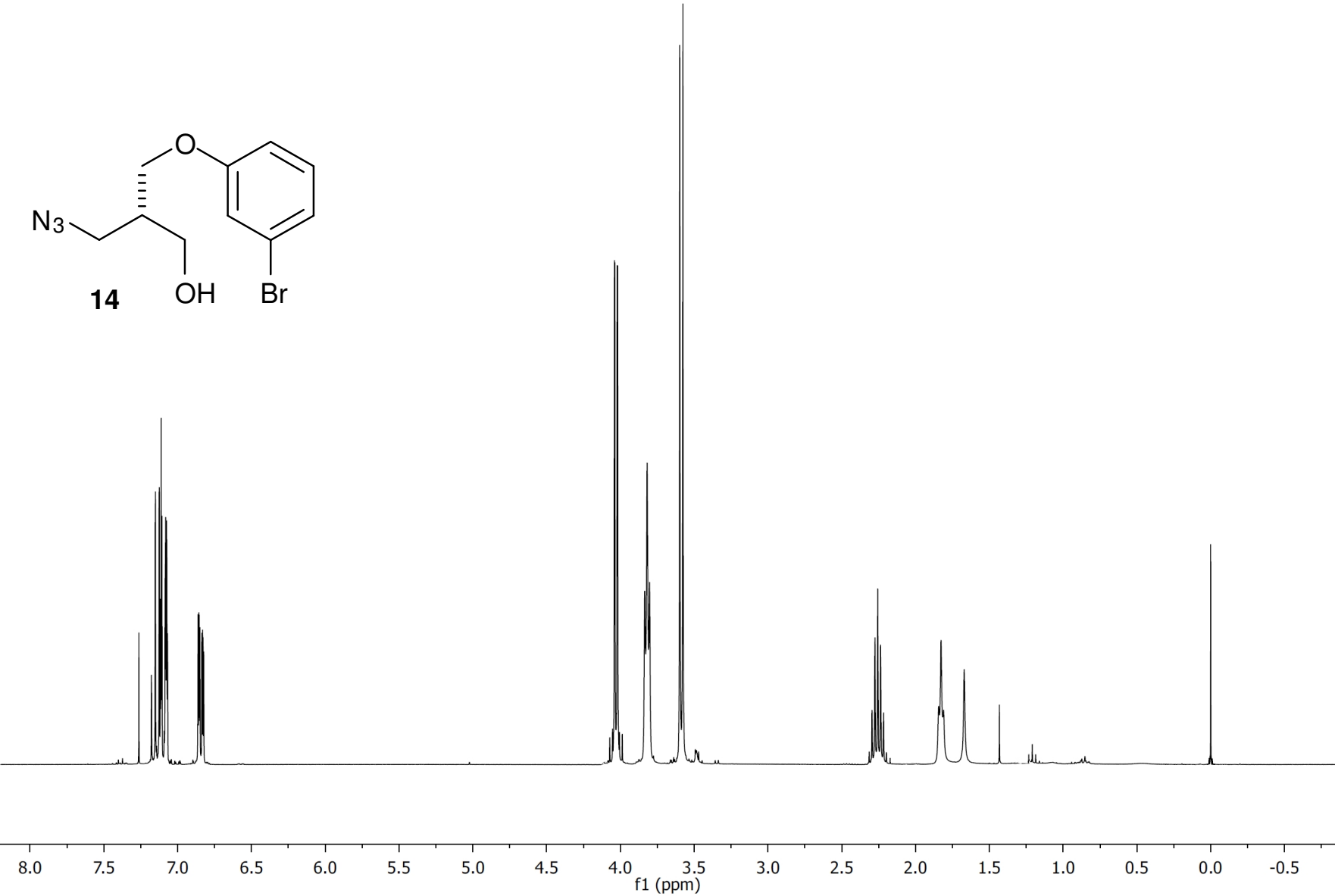
¹H NMR of compound **13**



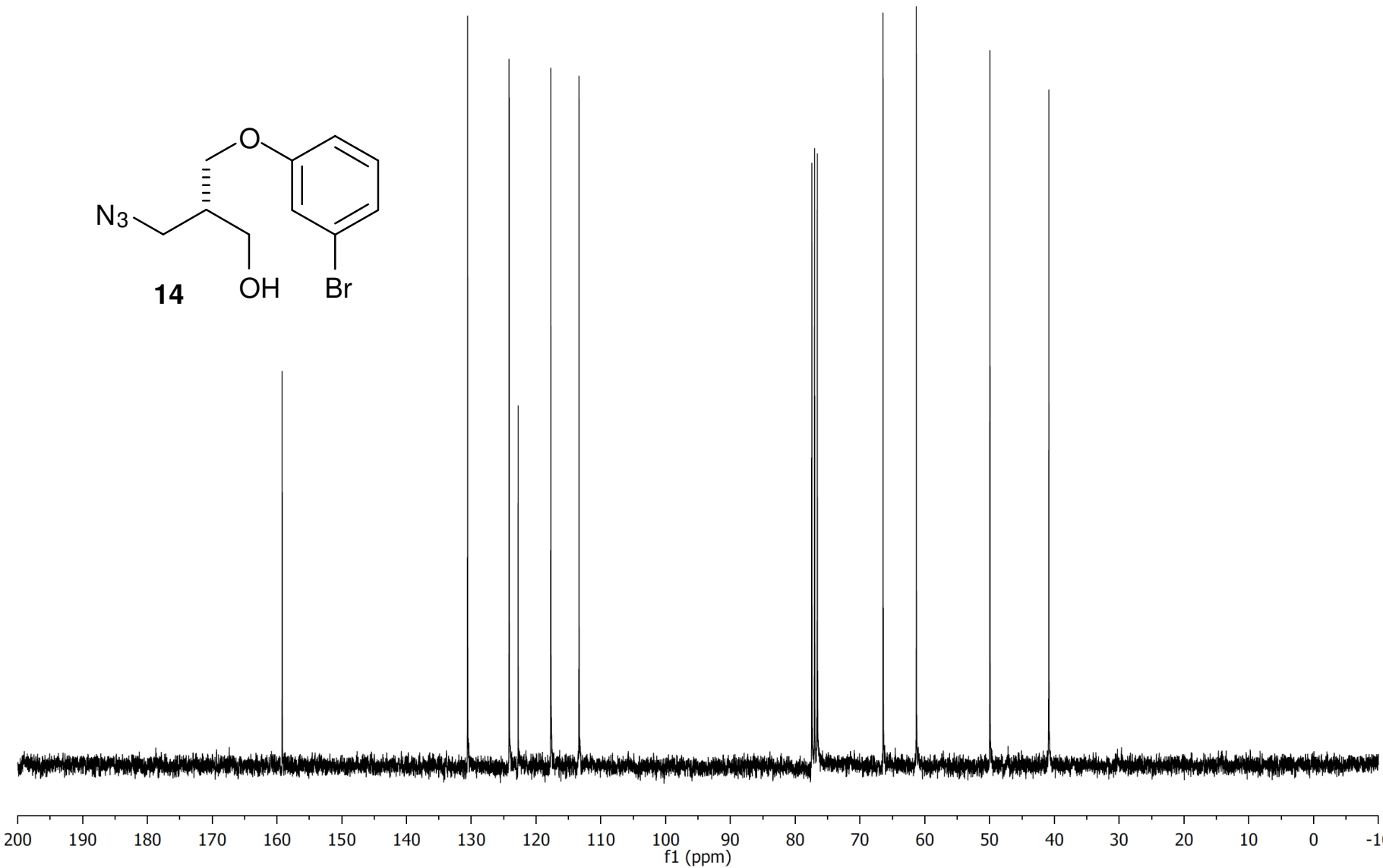
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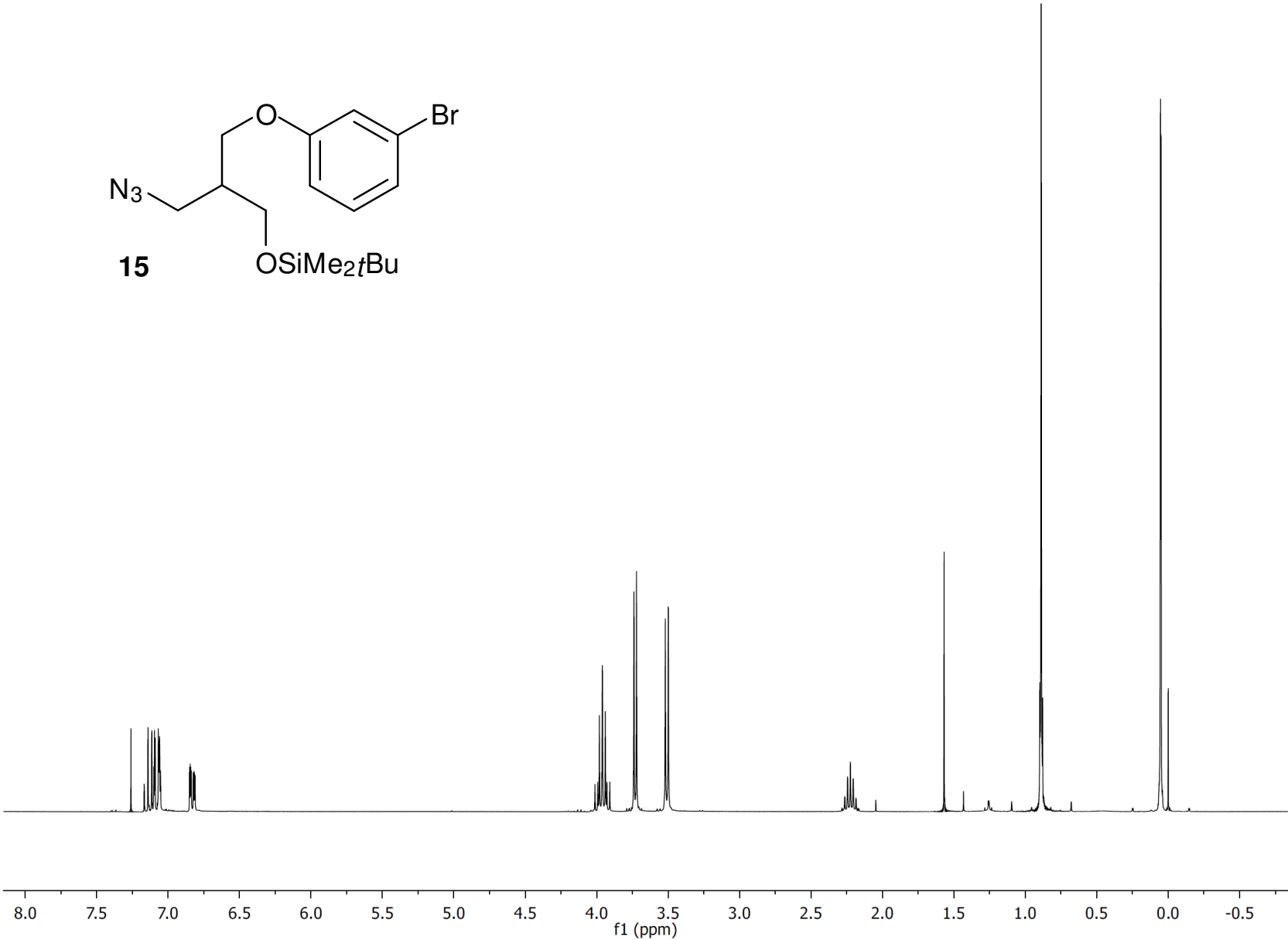
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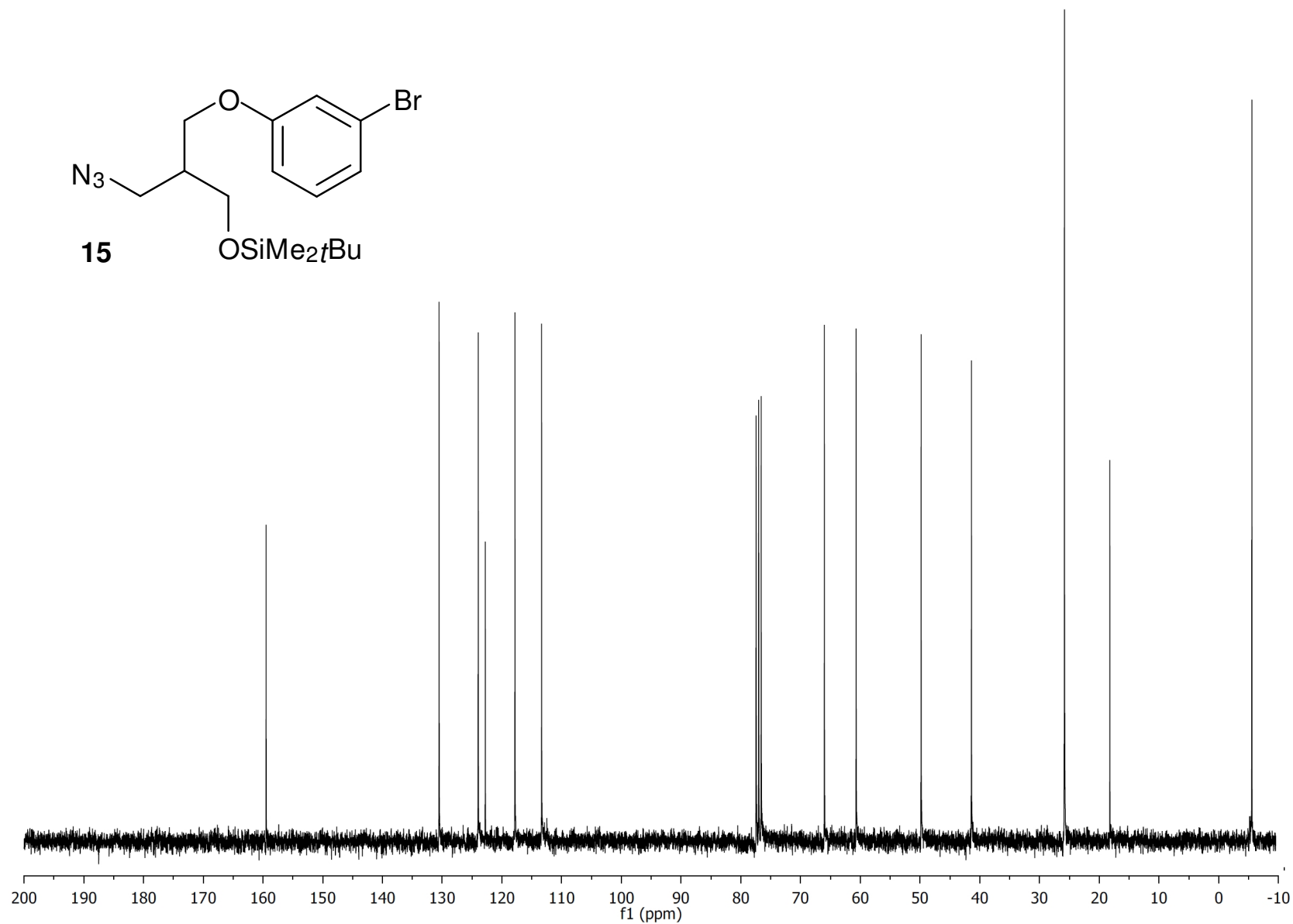
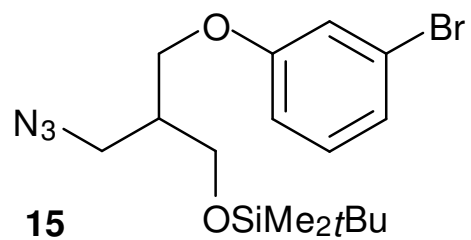


¹³C NMR of compound **14**

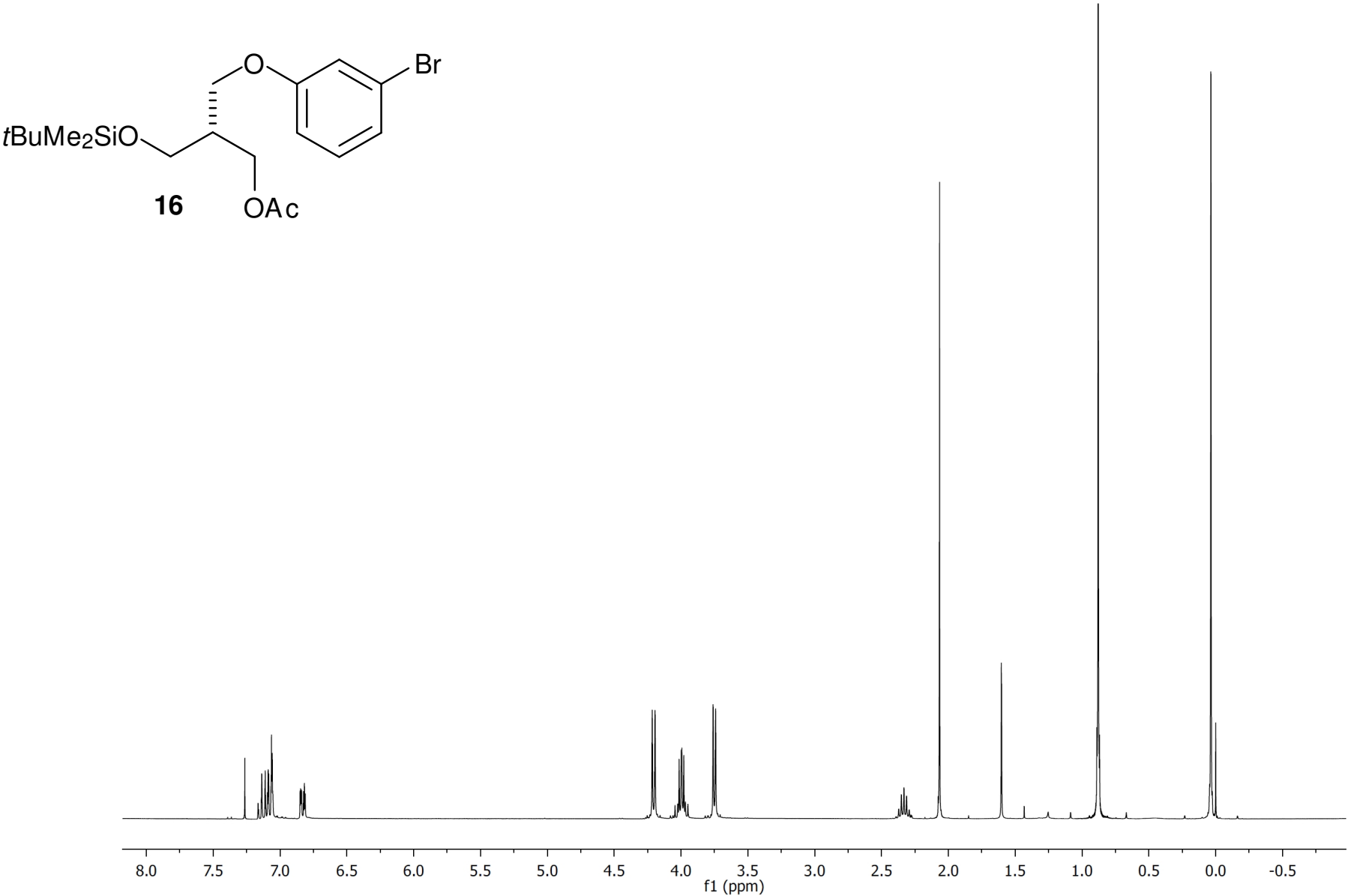


¹H NMR of compound **15**

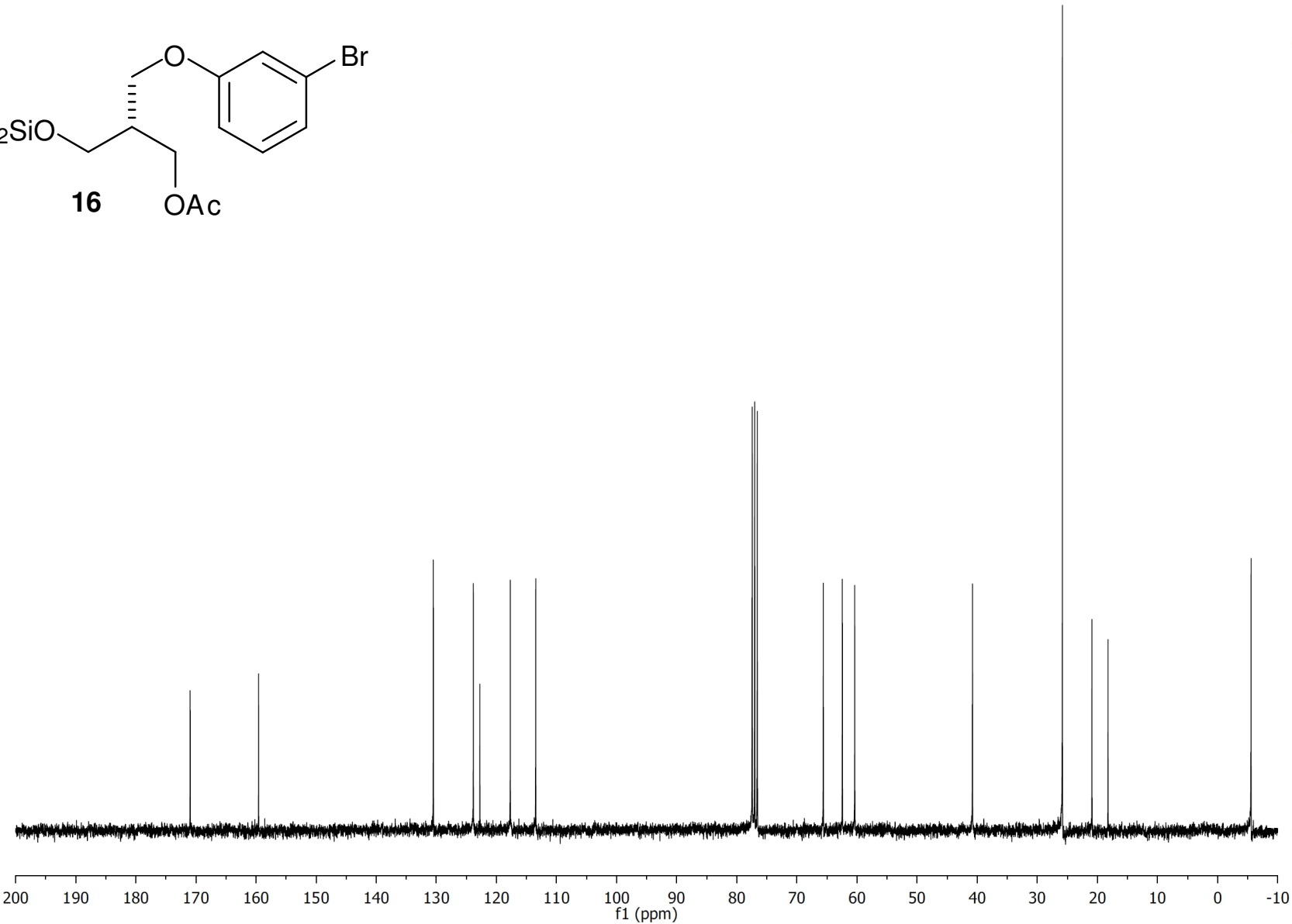
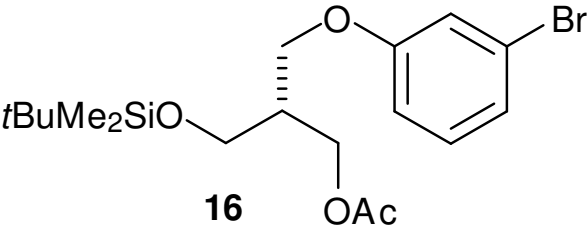




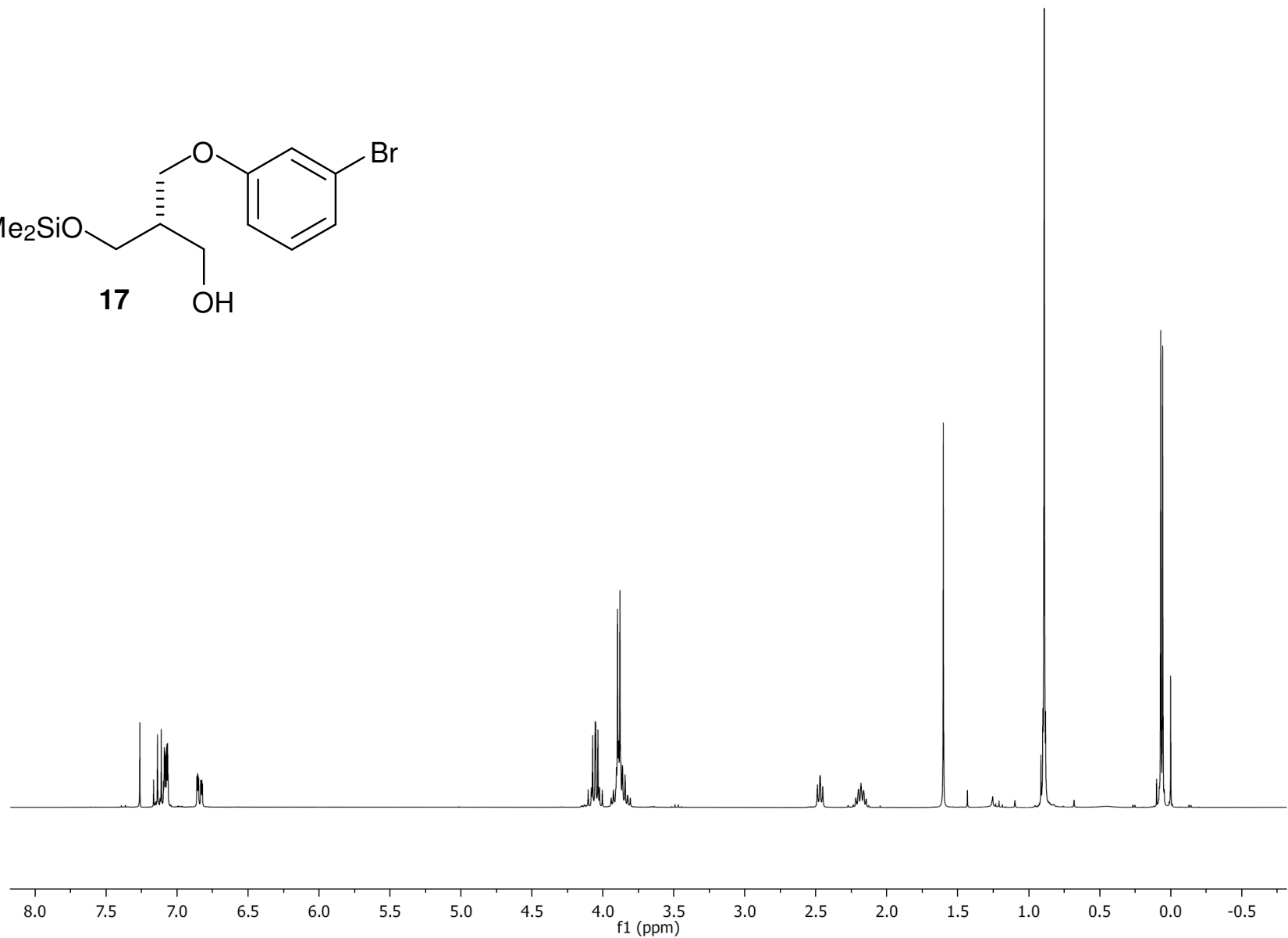
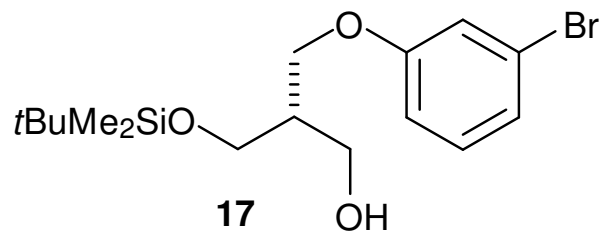
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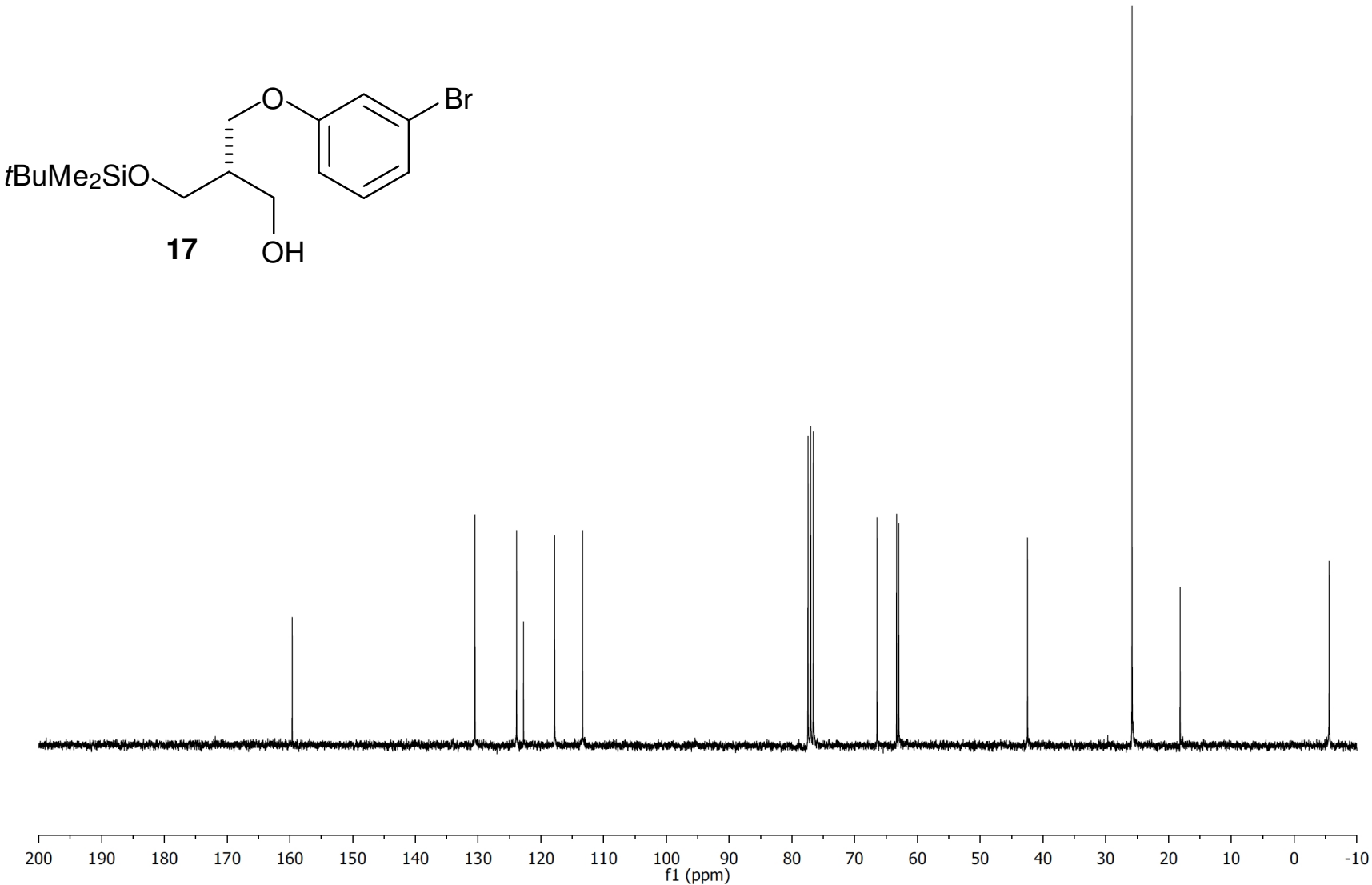
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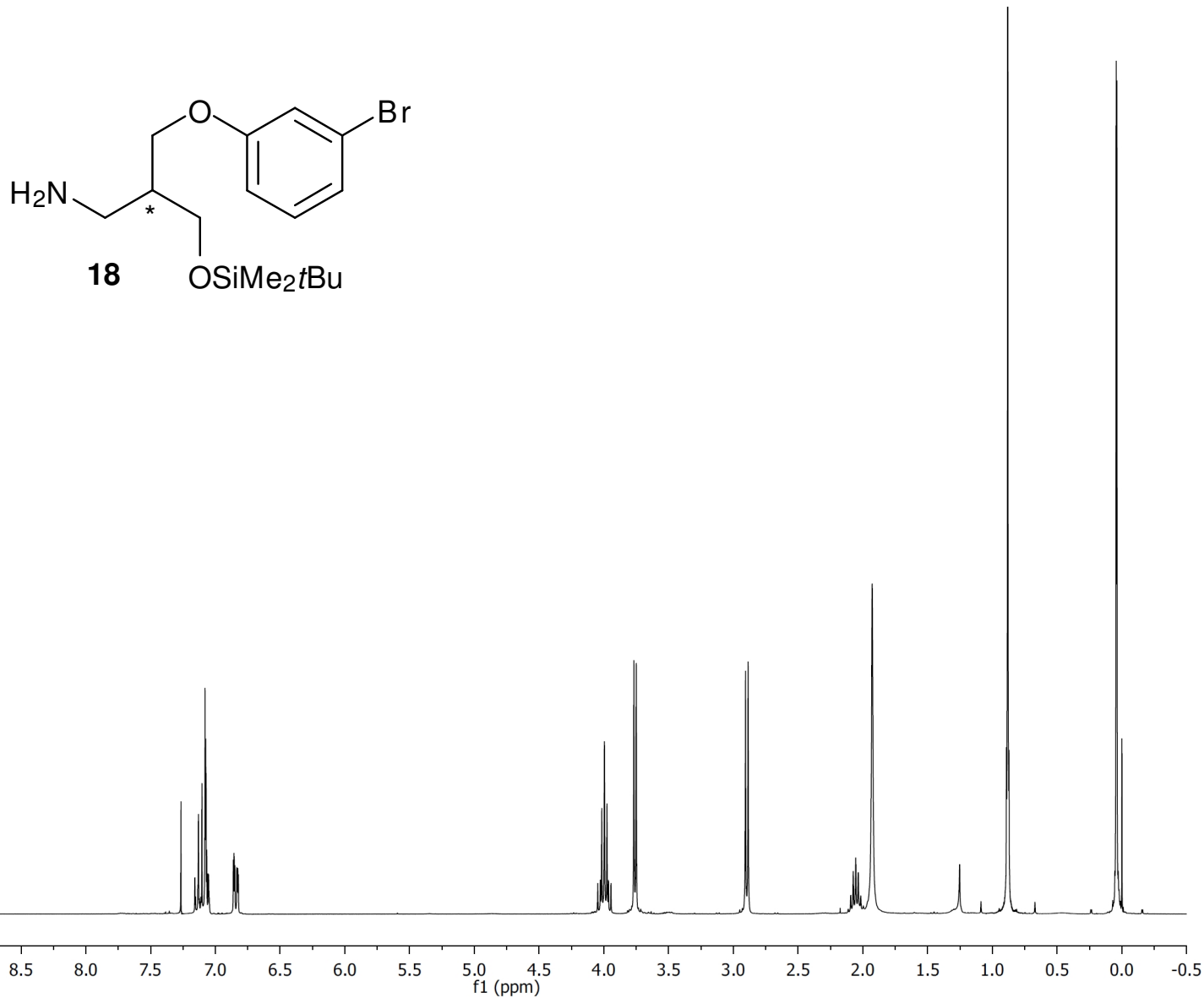
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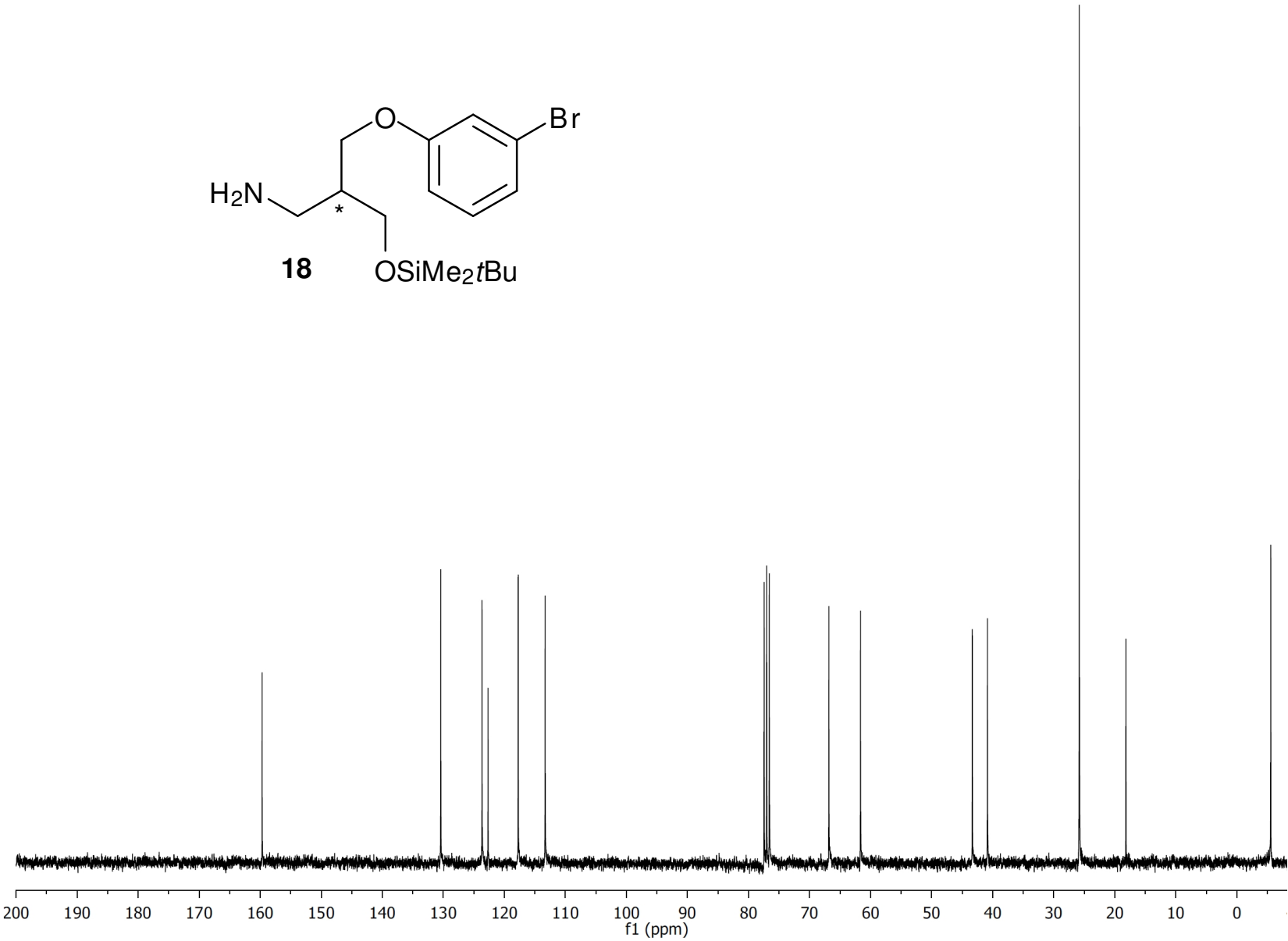
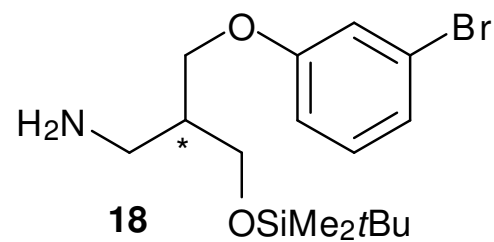
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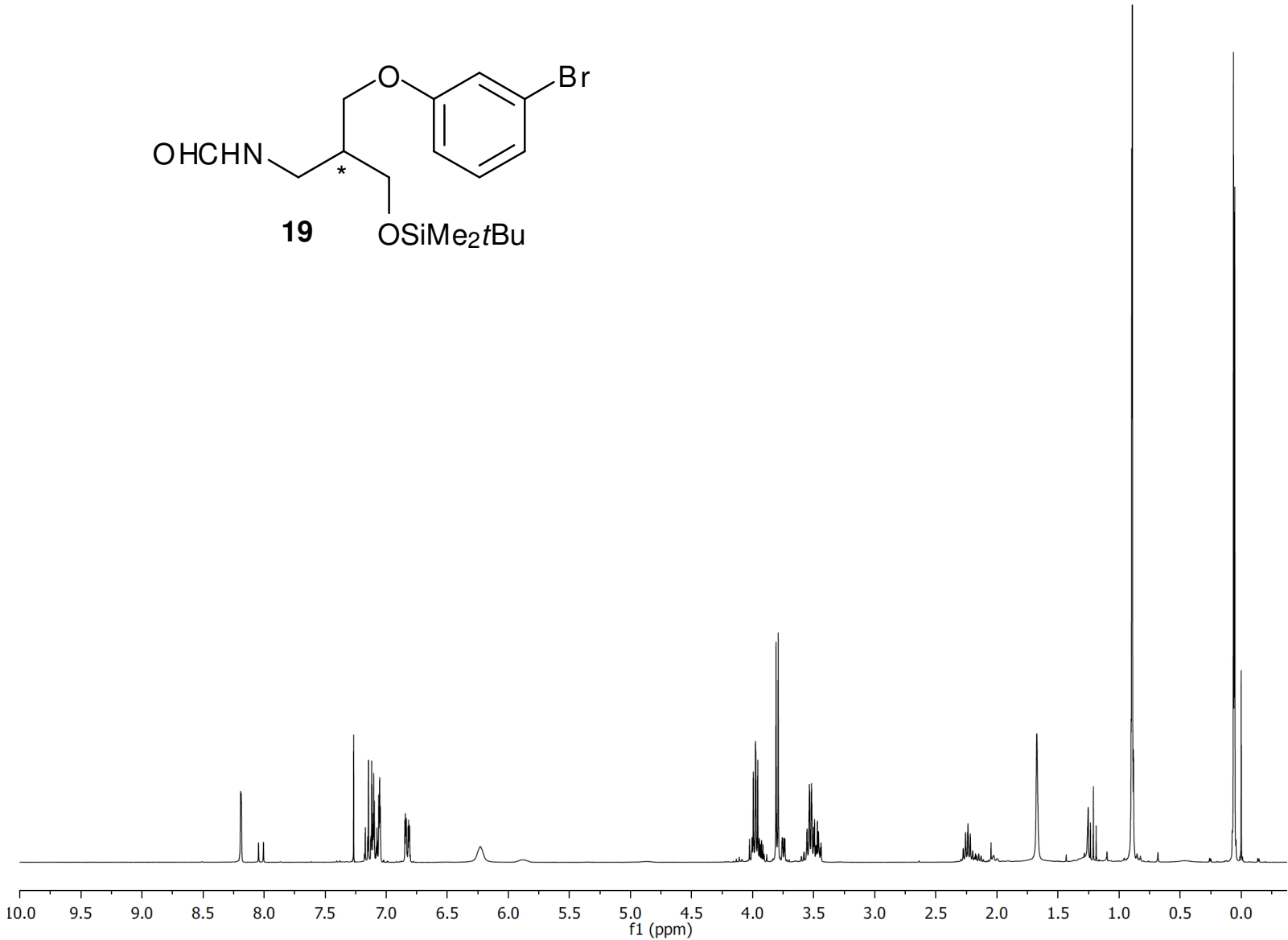
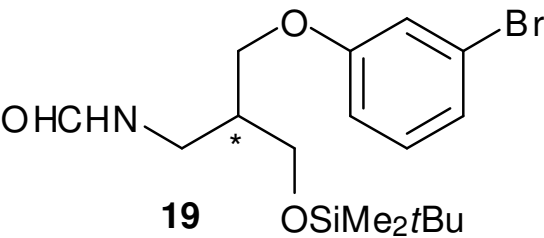
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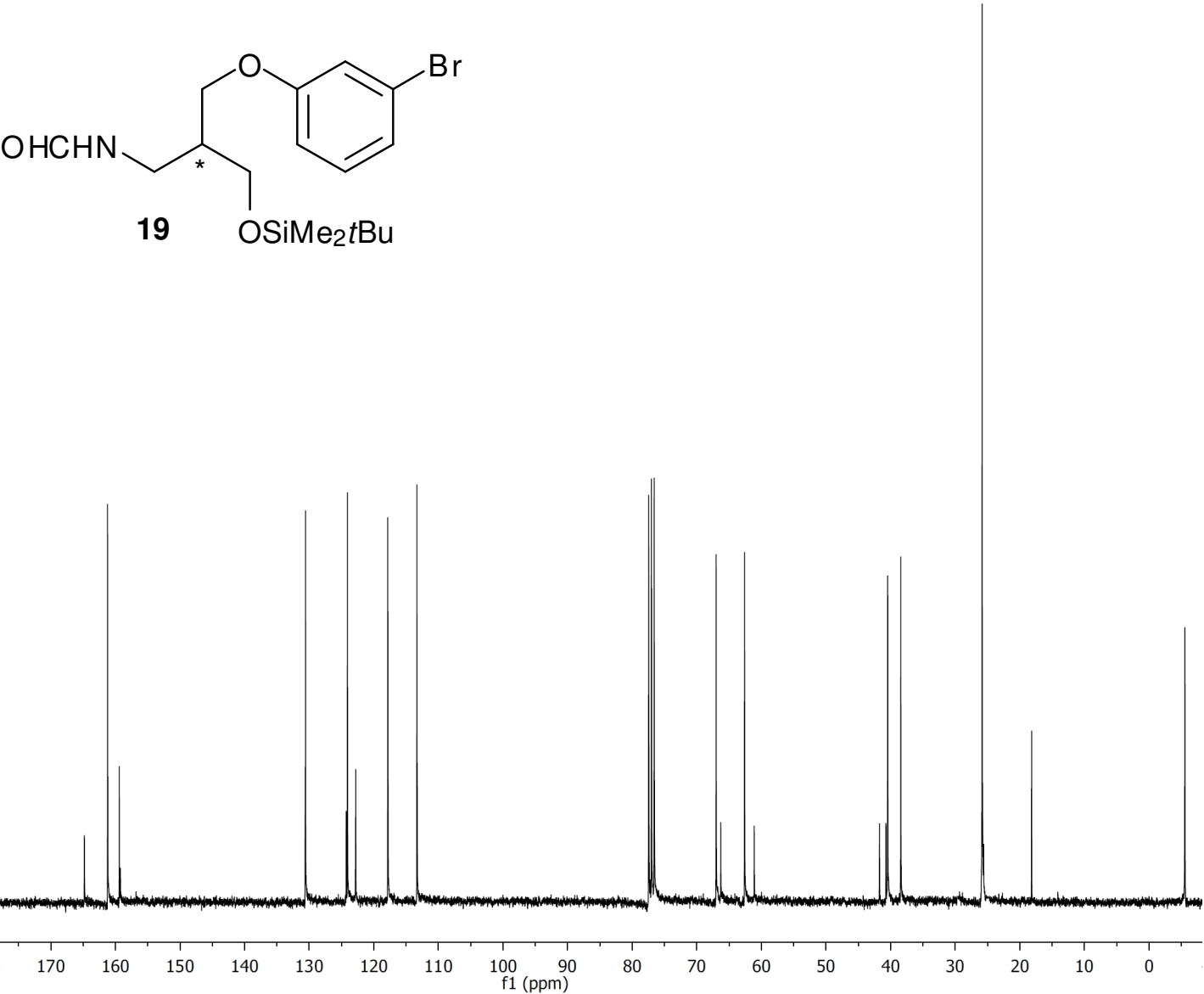
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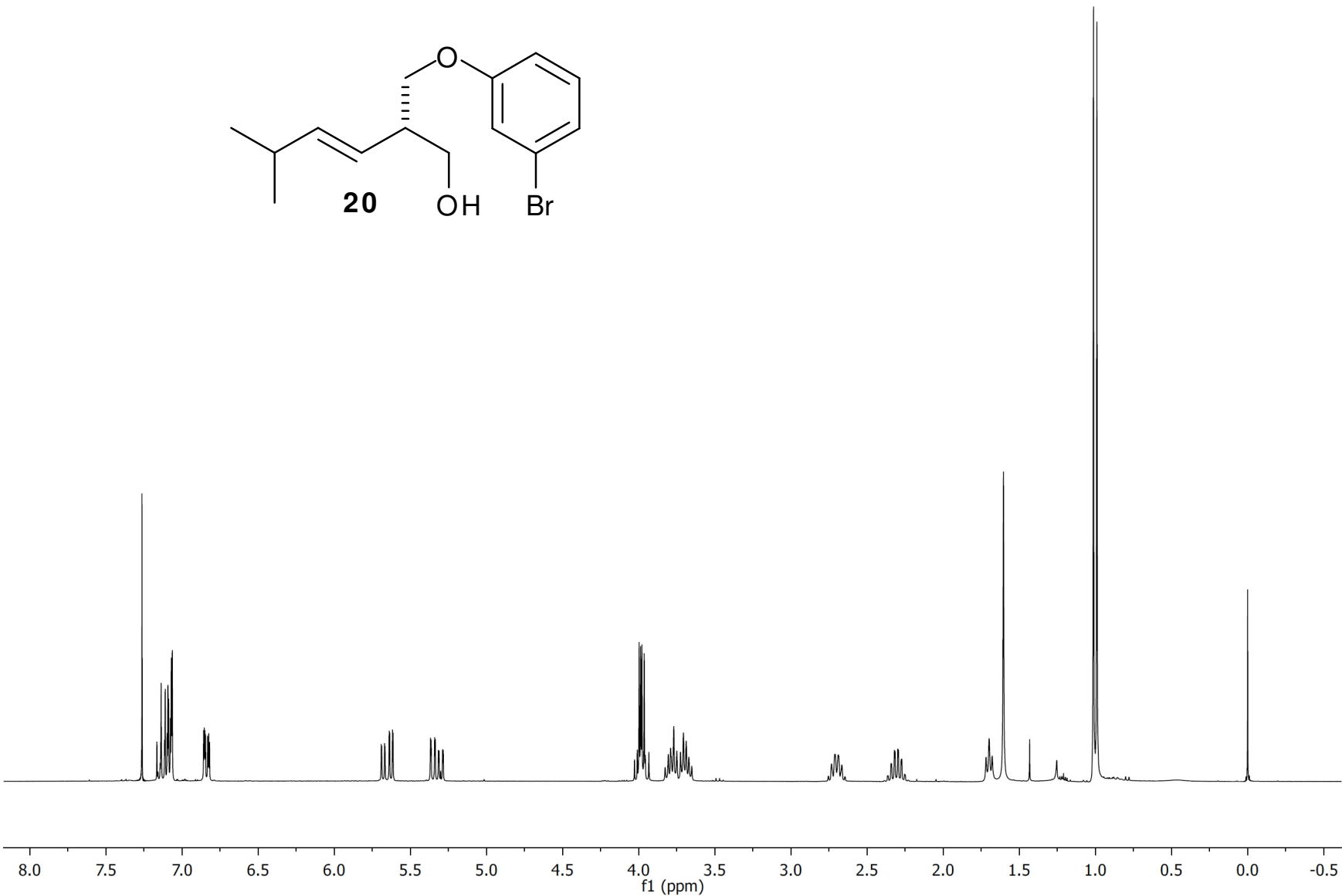
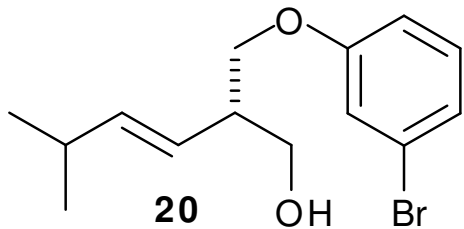
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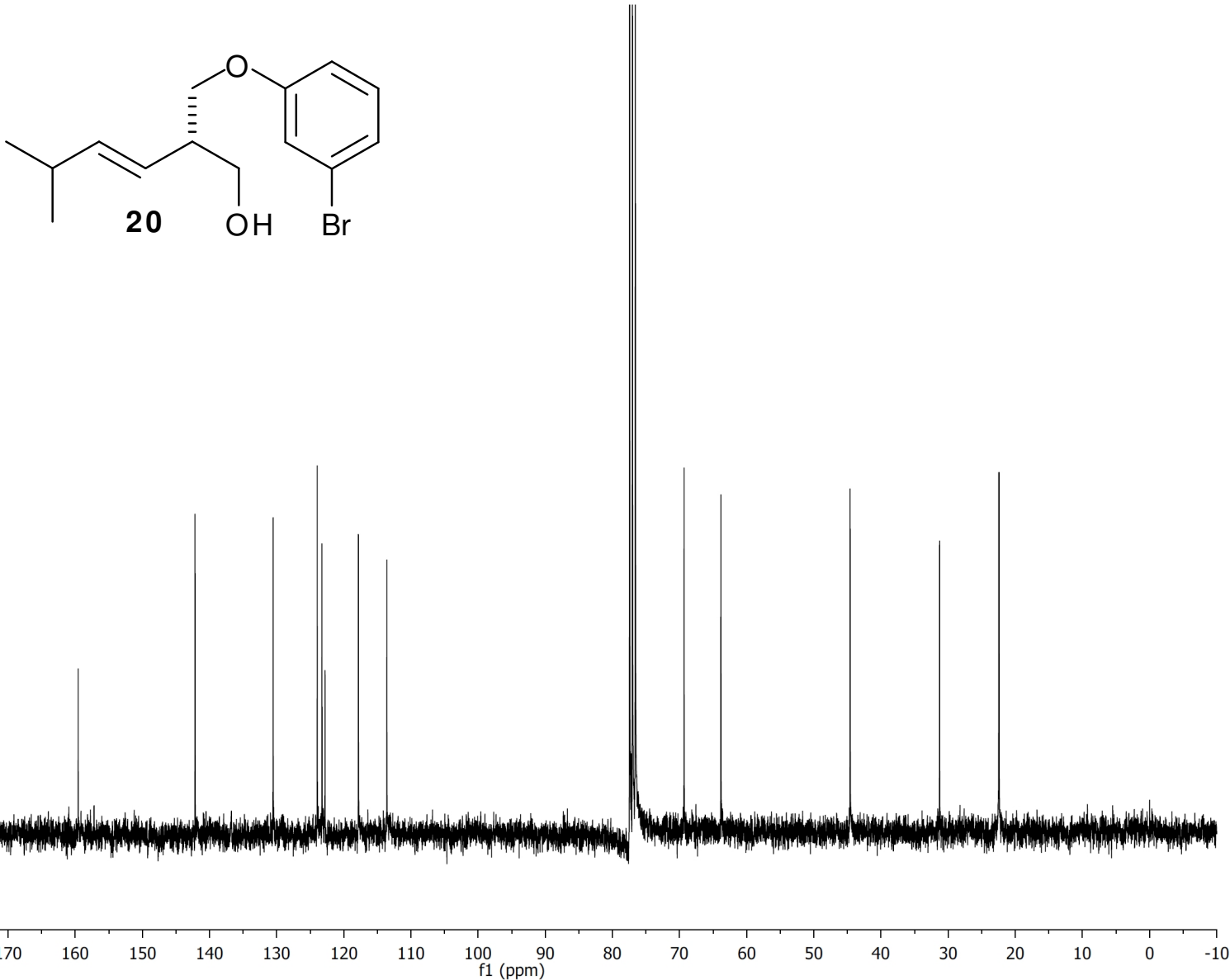
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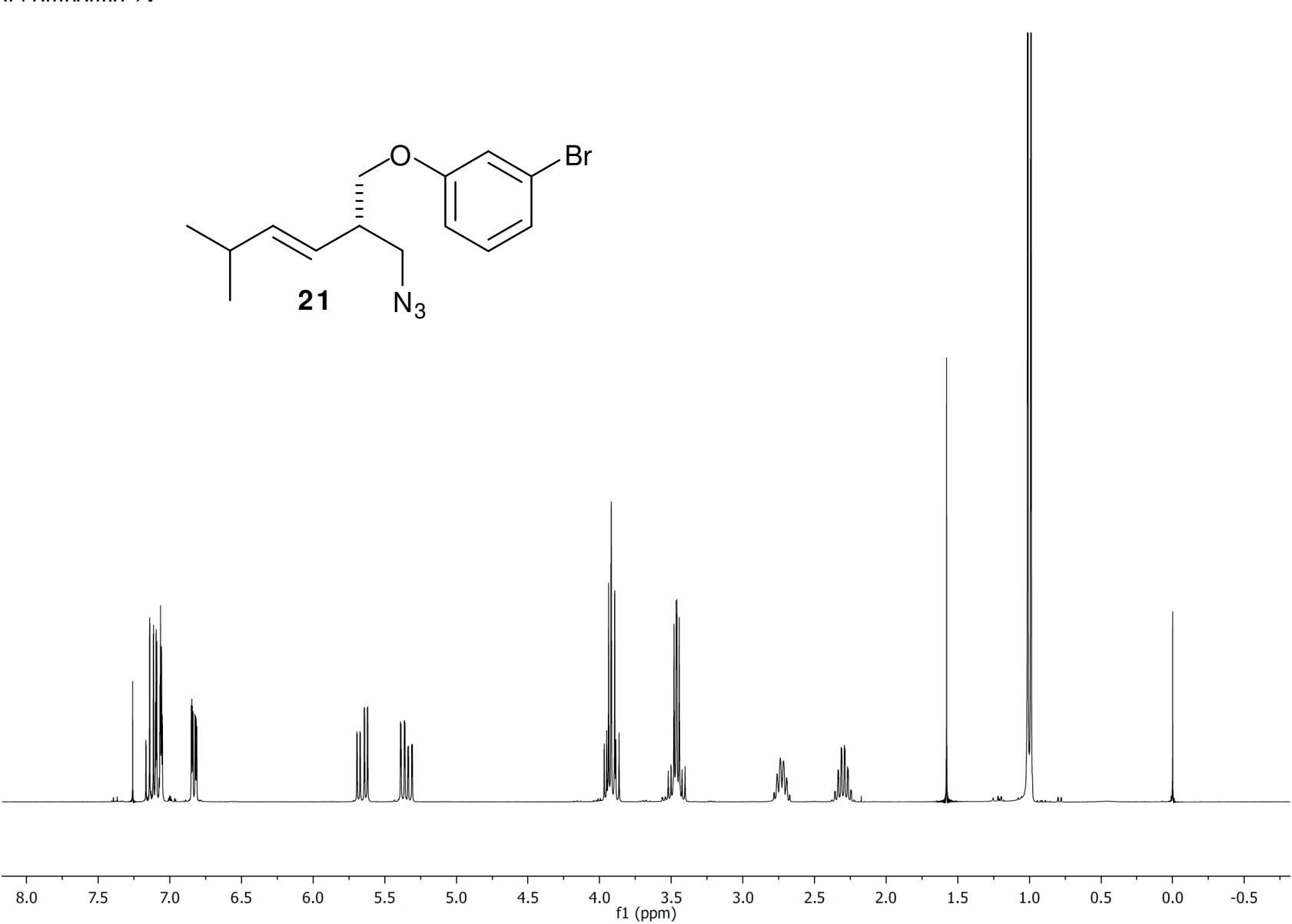
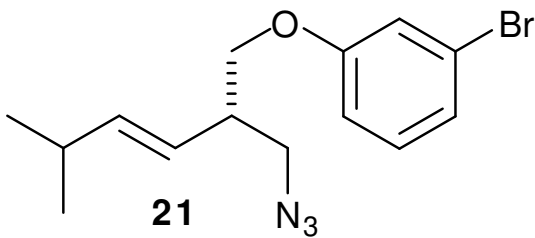
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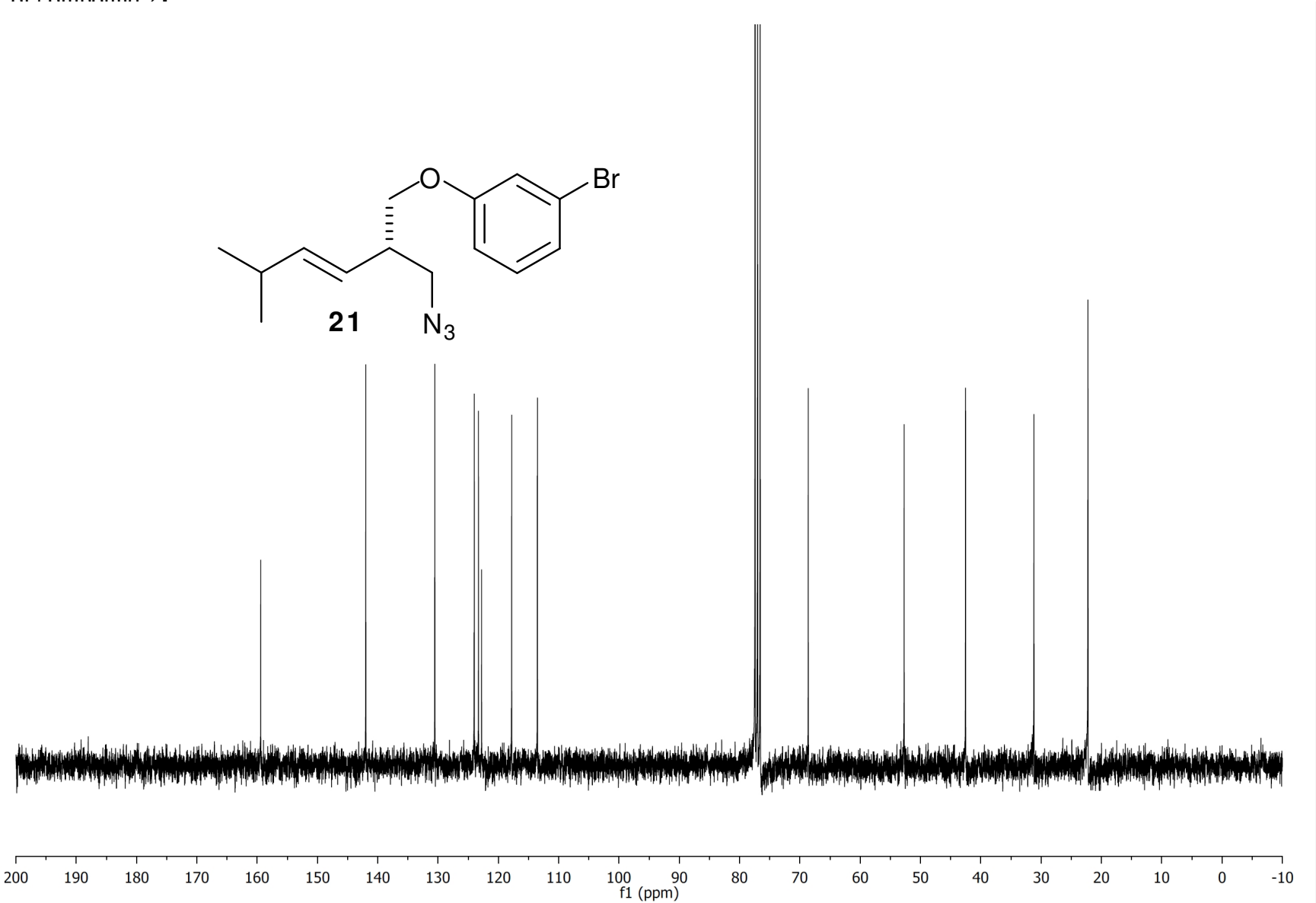
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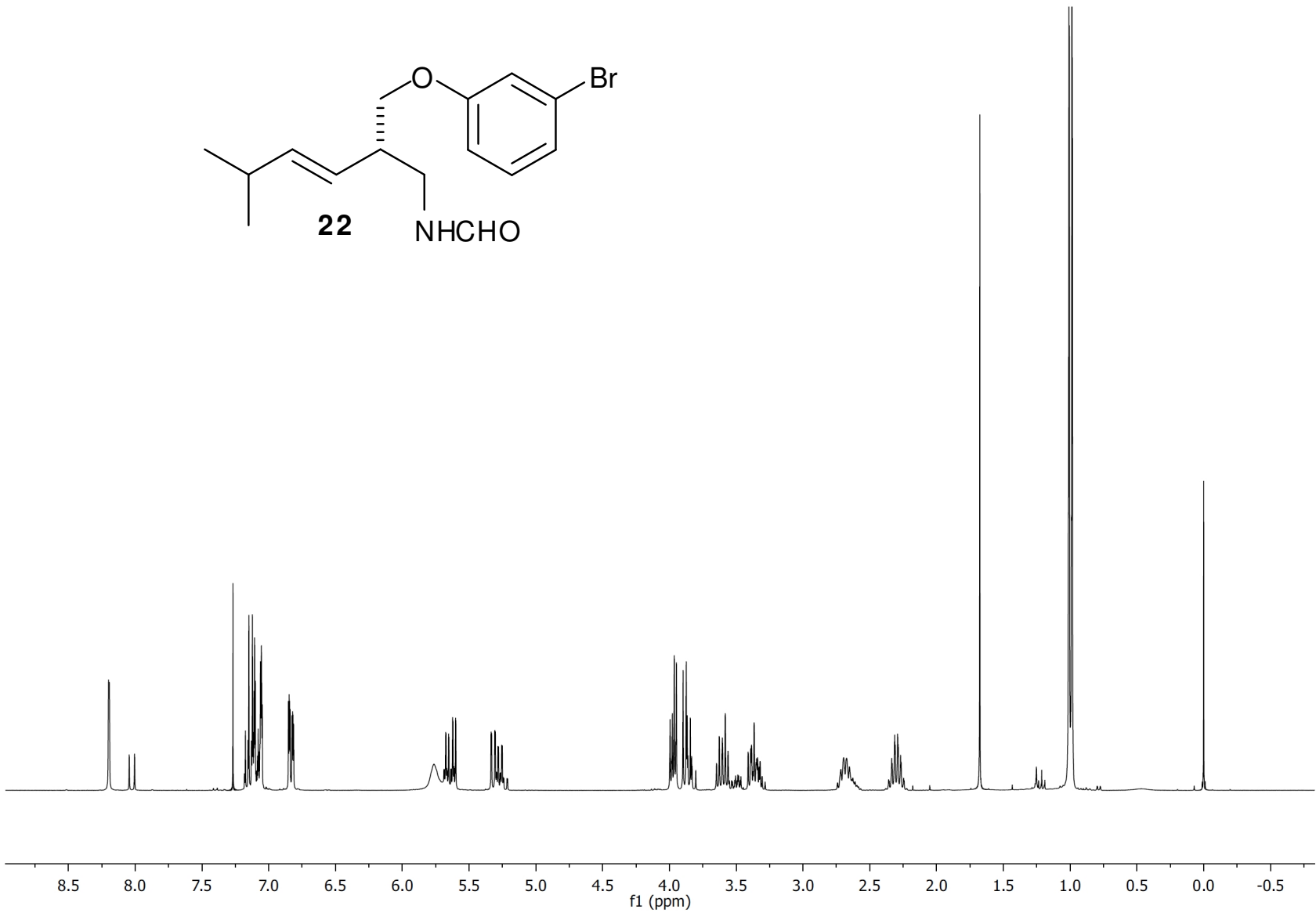
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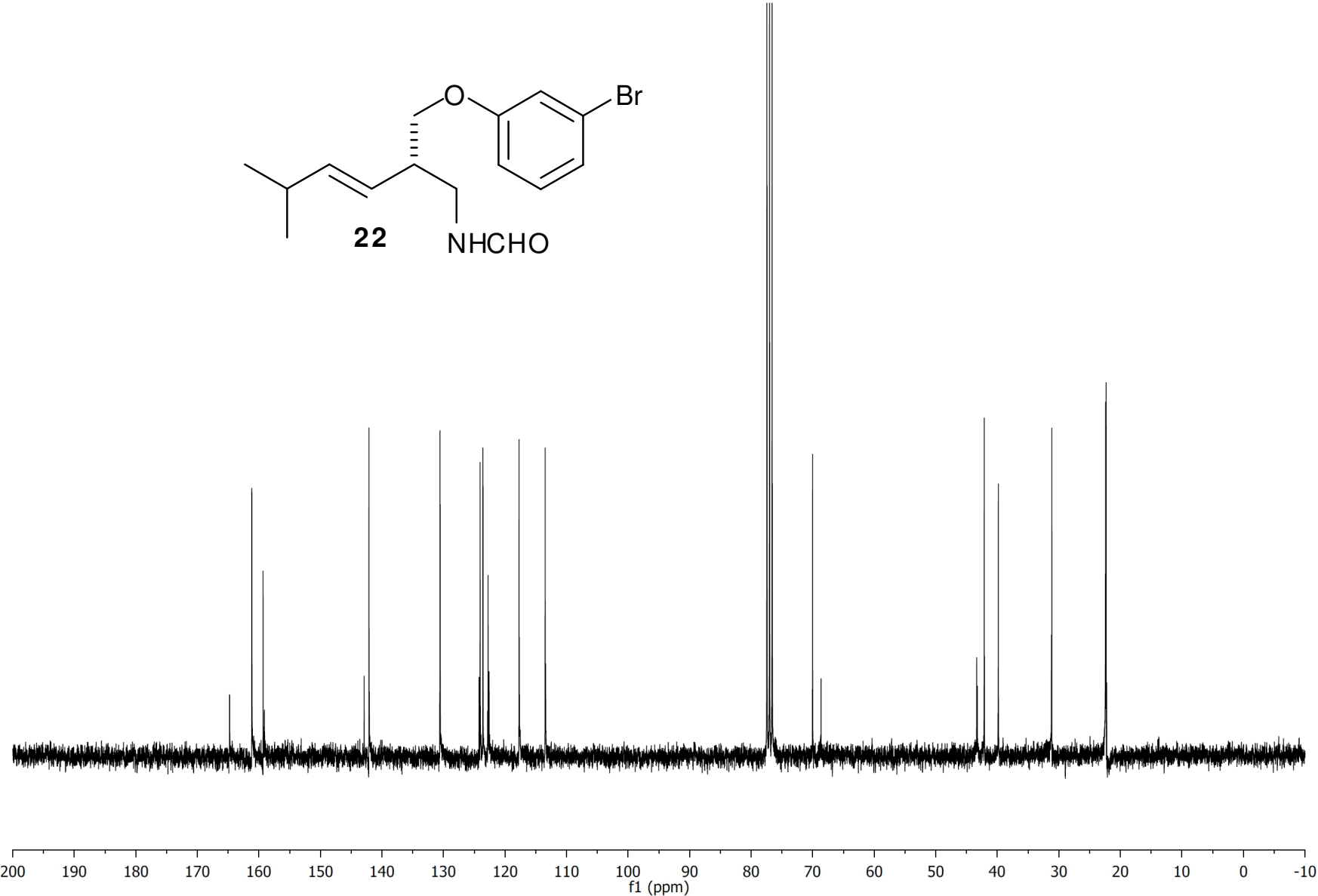
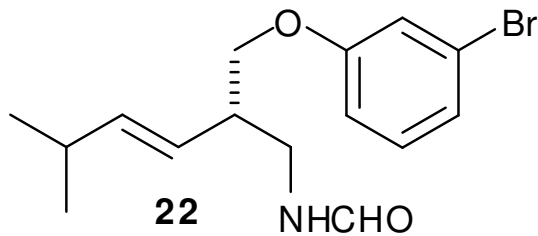
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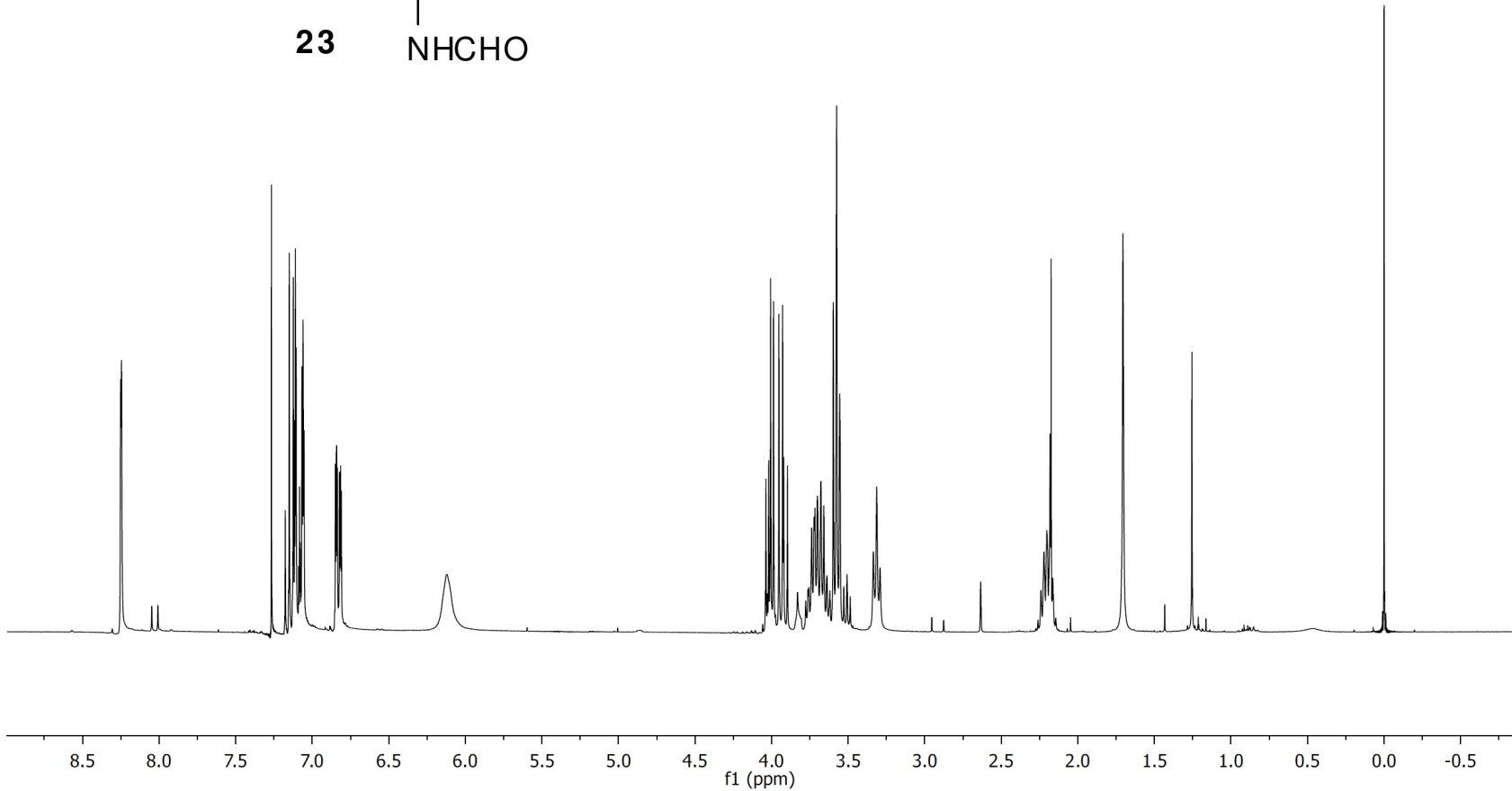
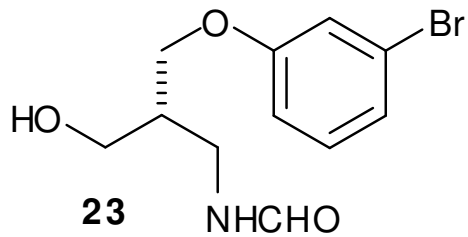
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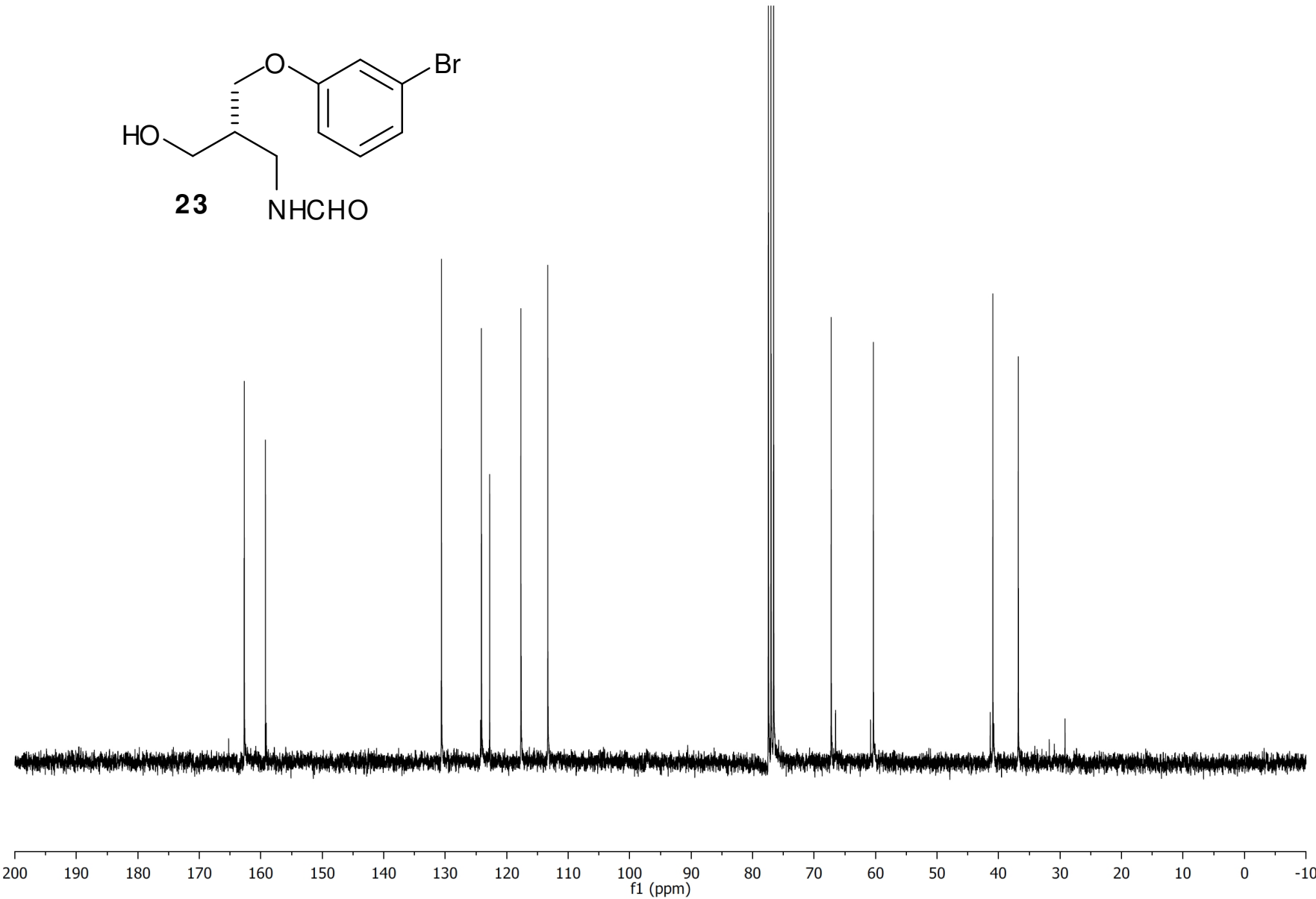
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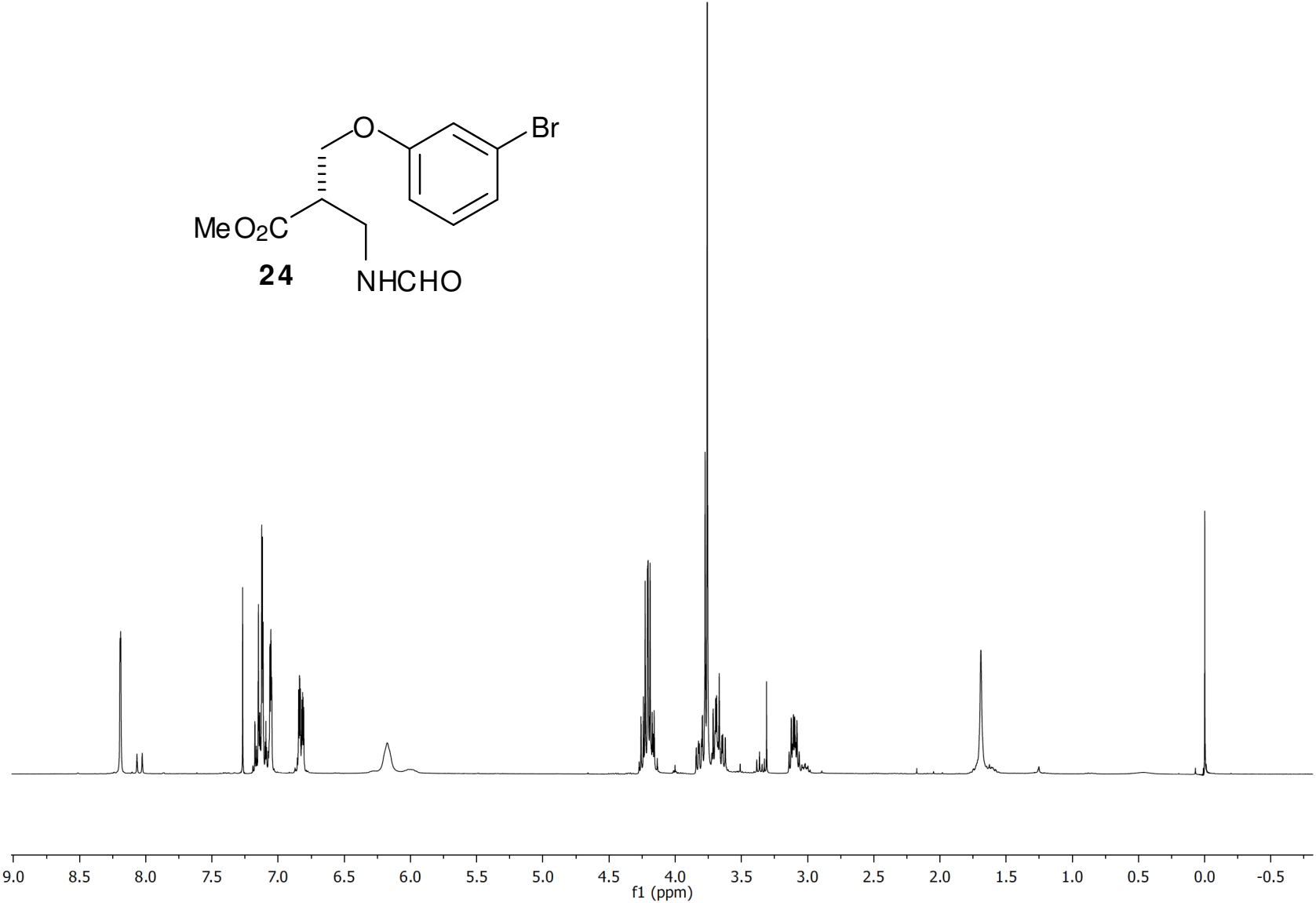
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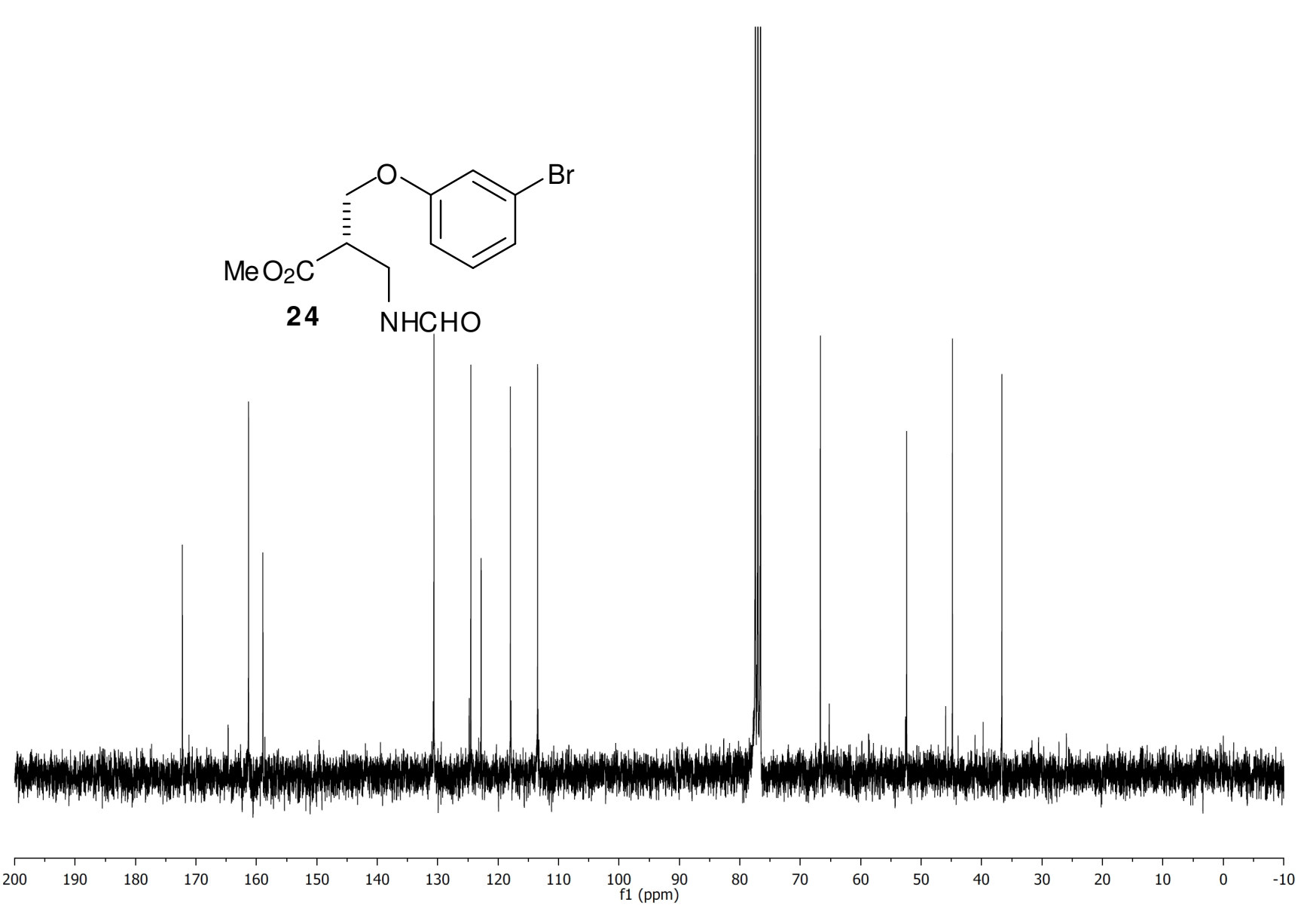
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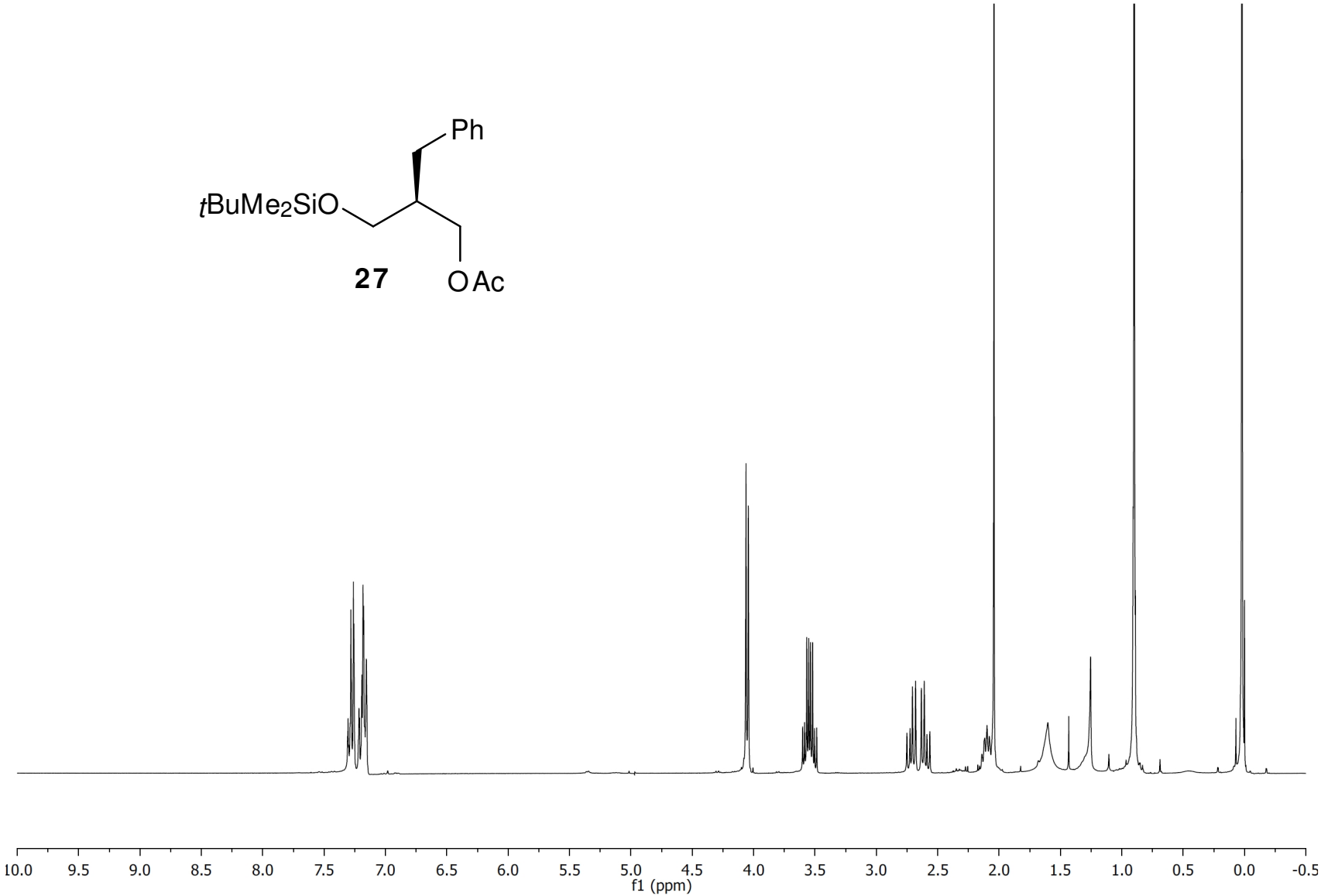
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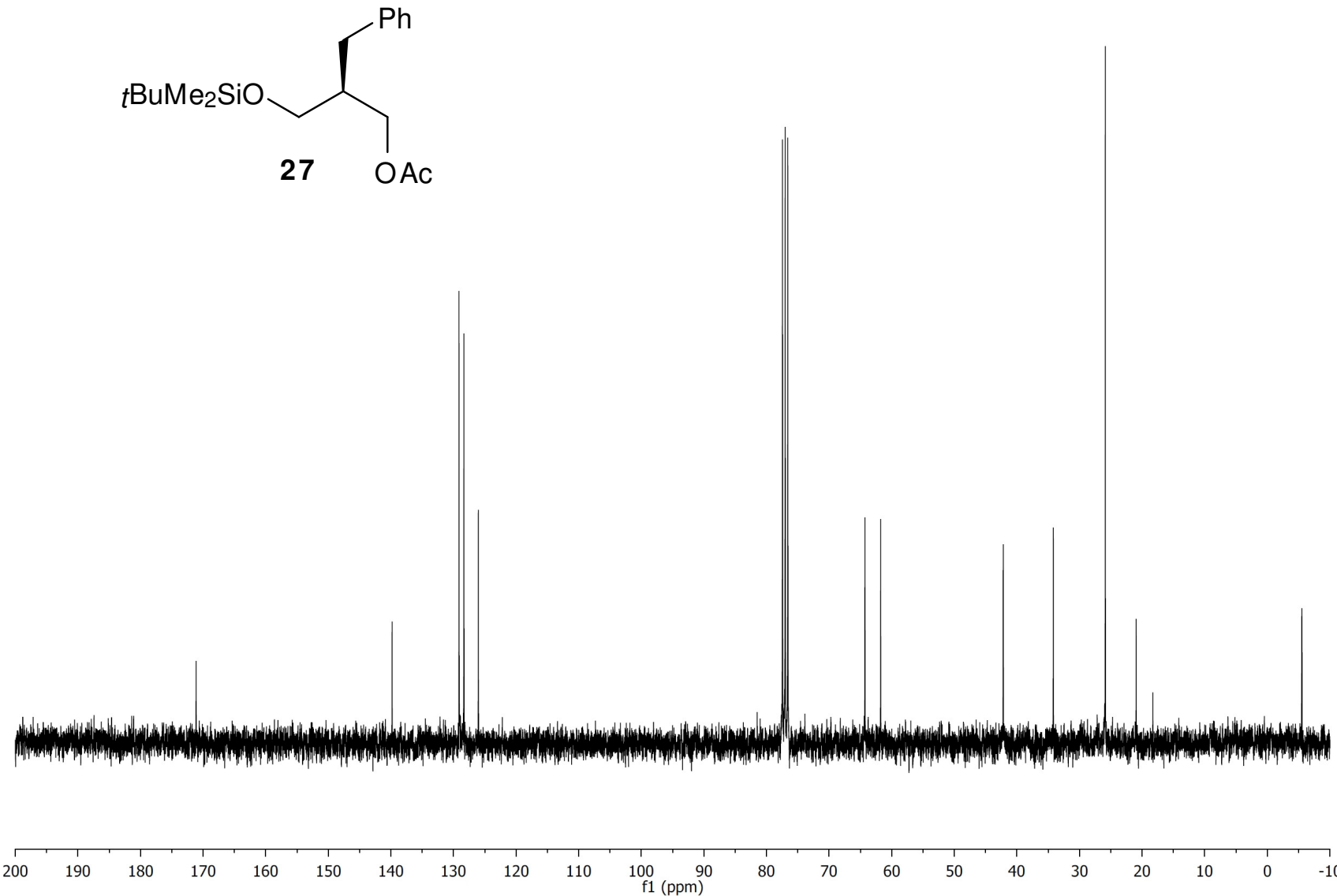
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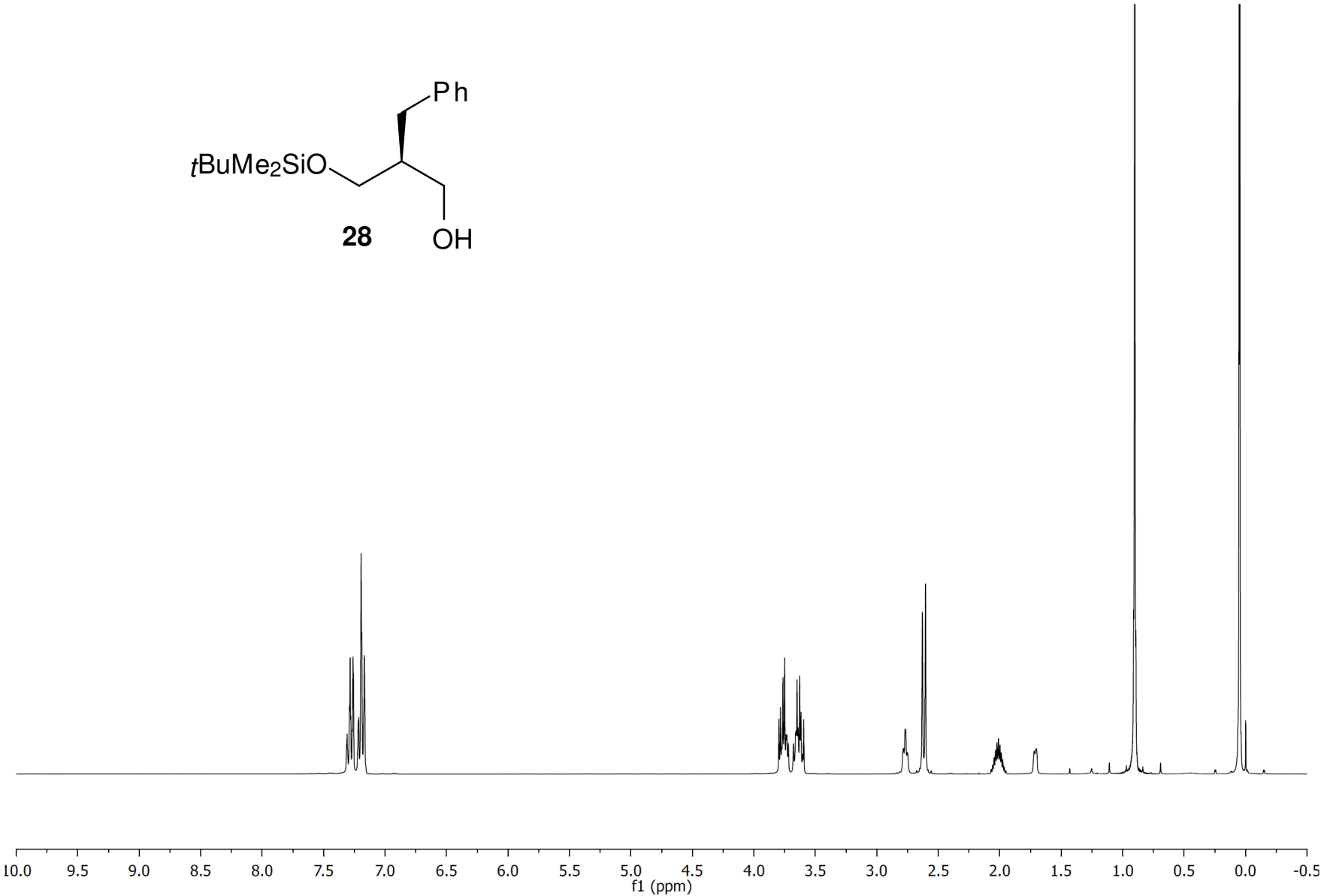
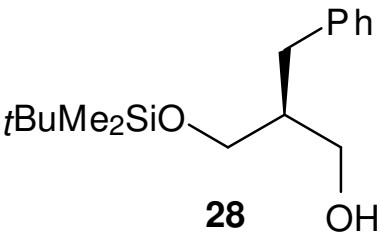
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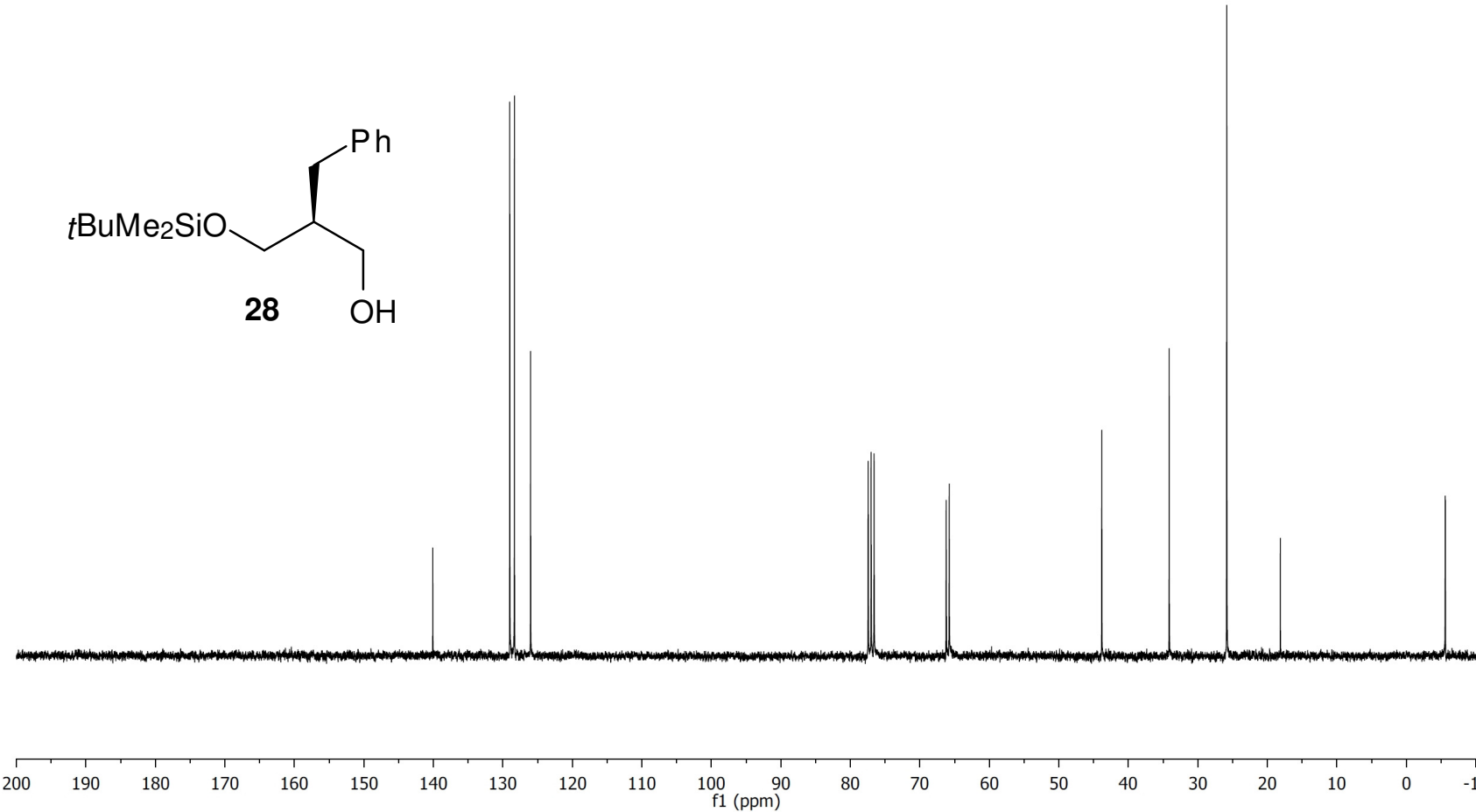
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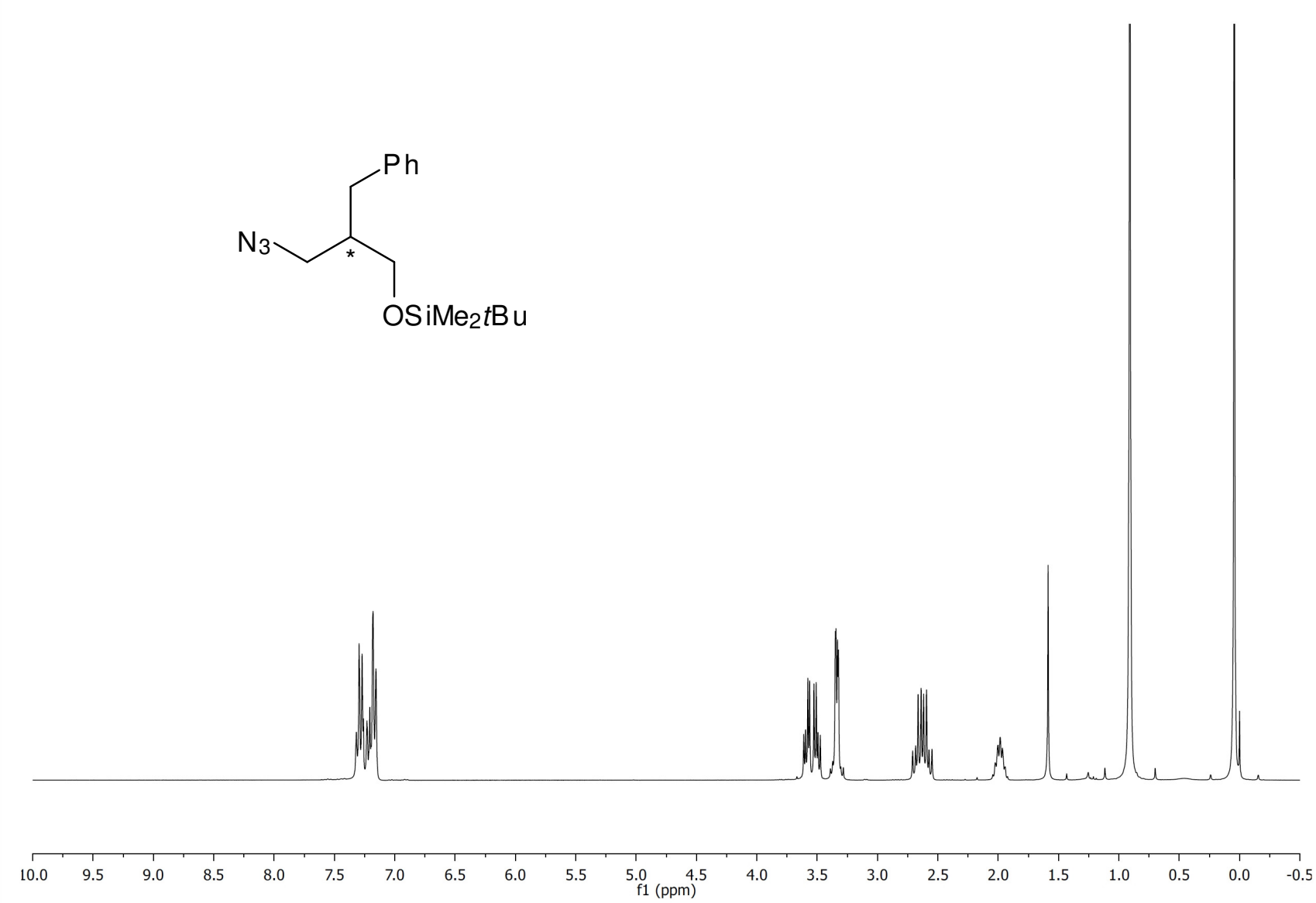
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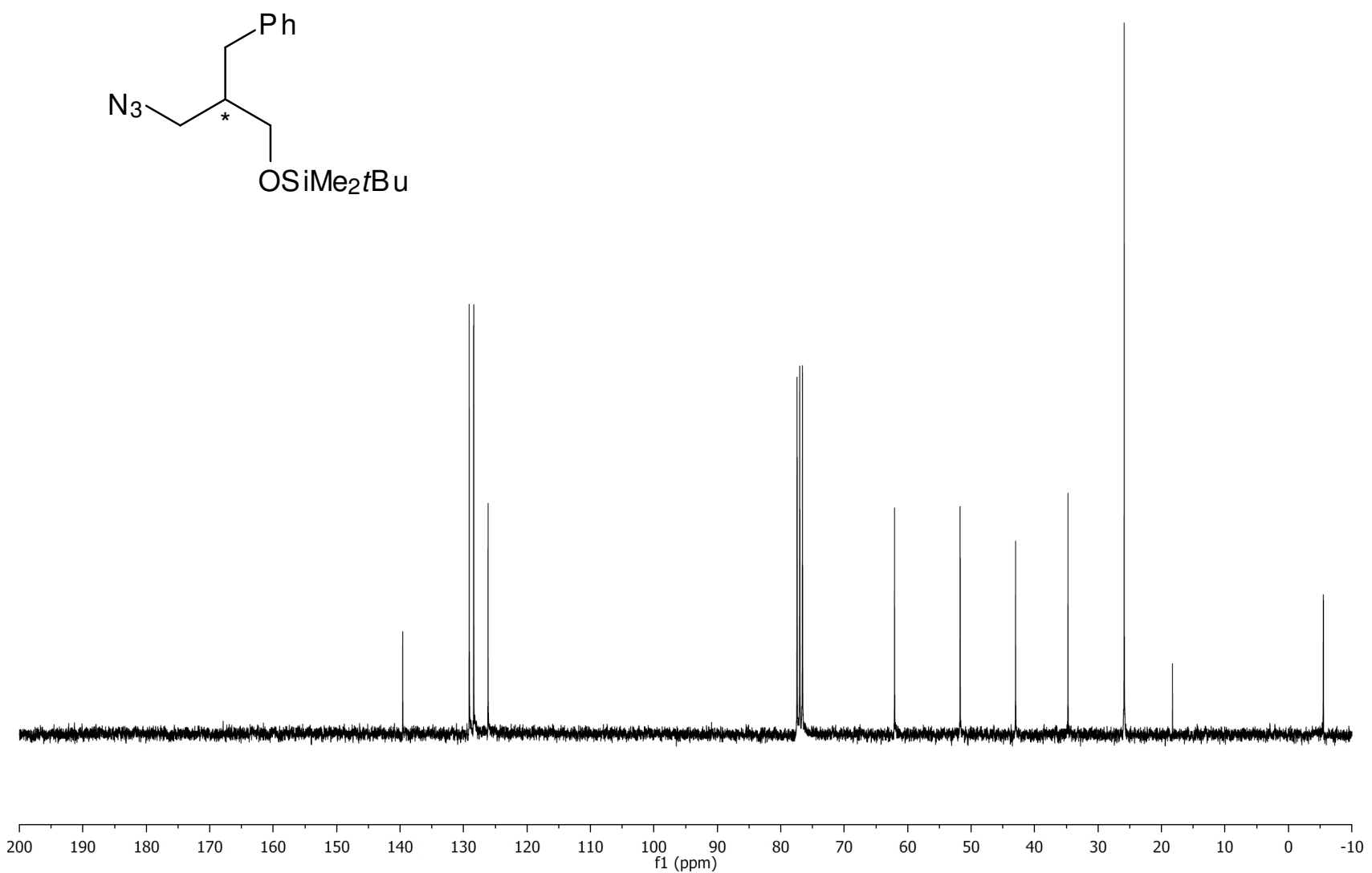
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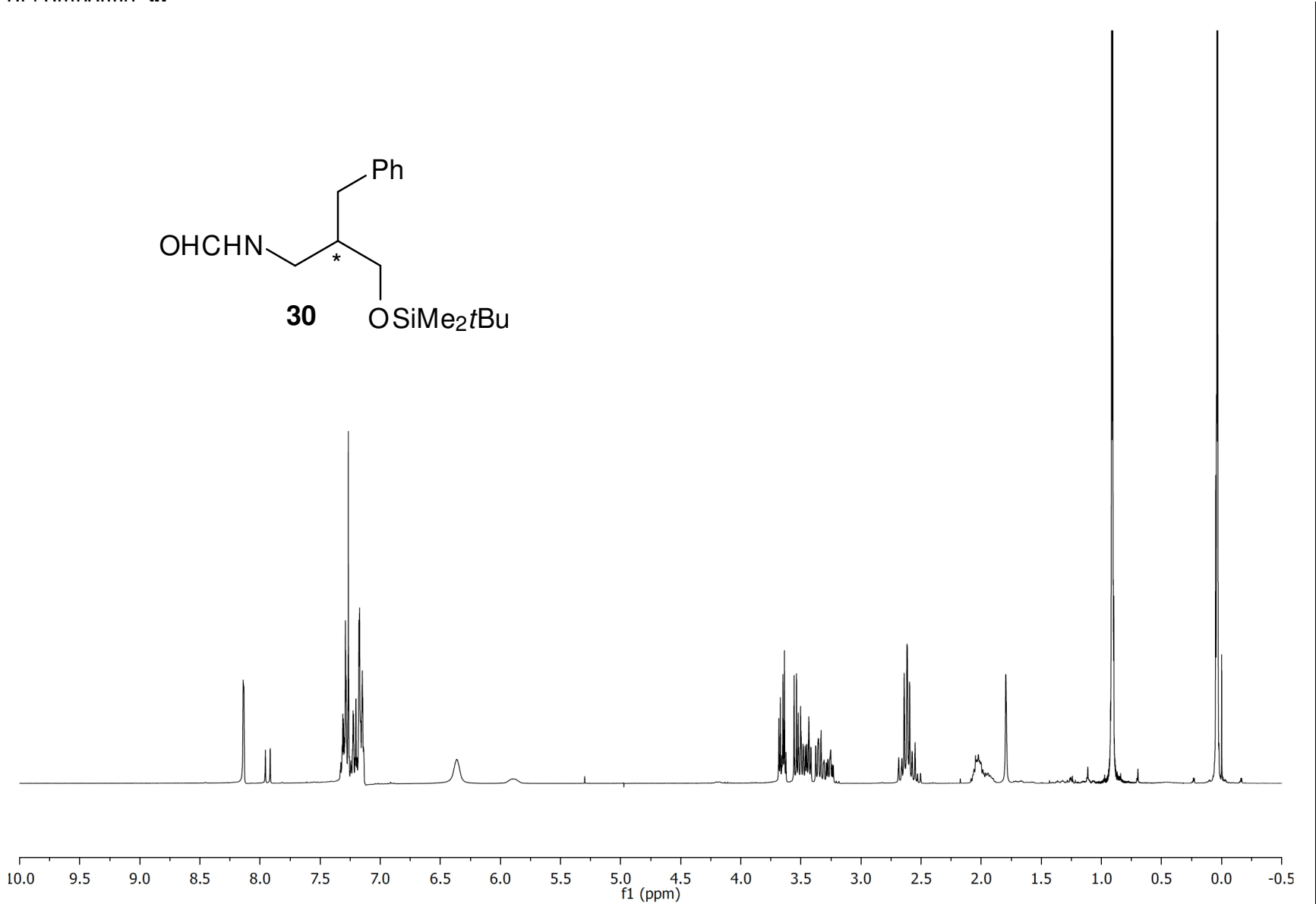
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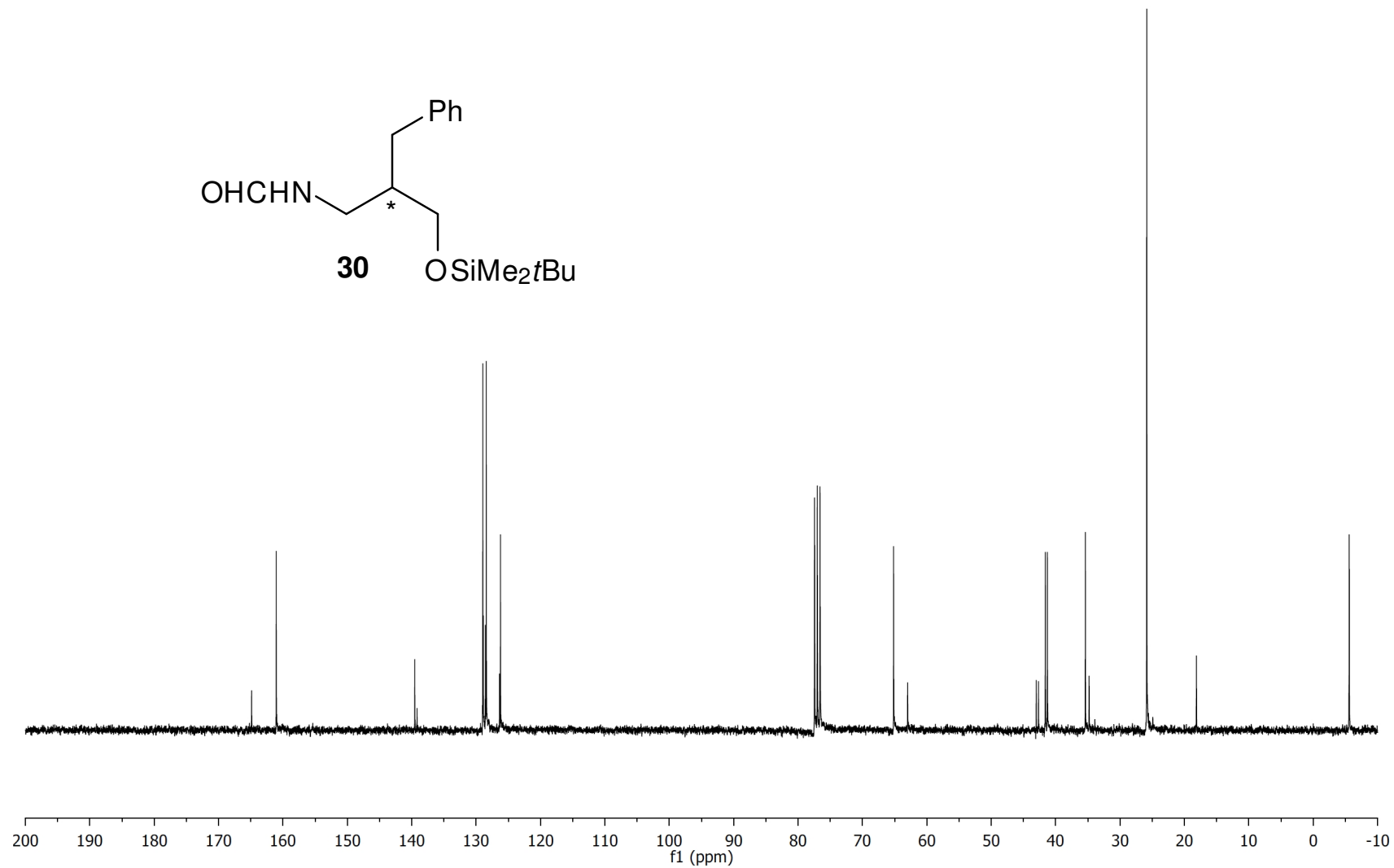
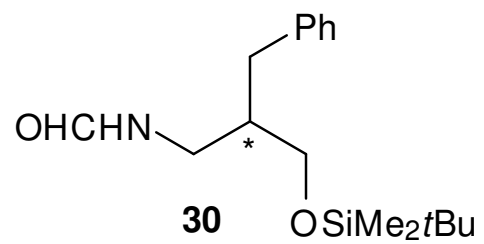


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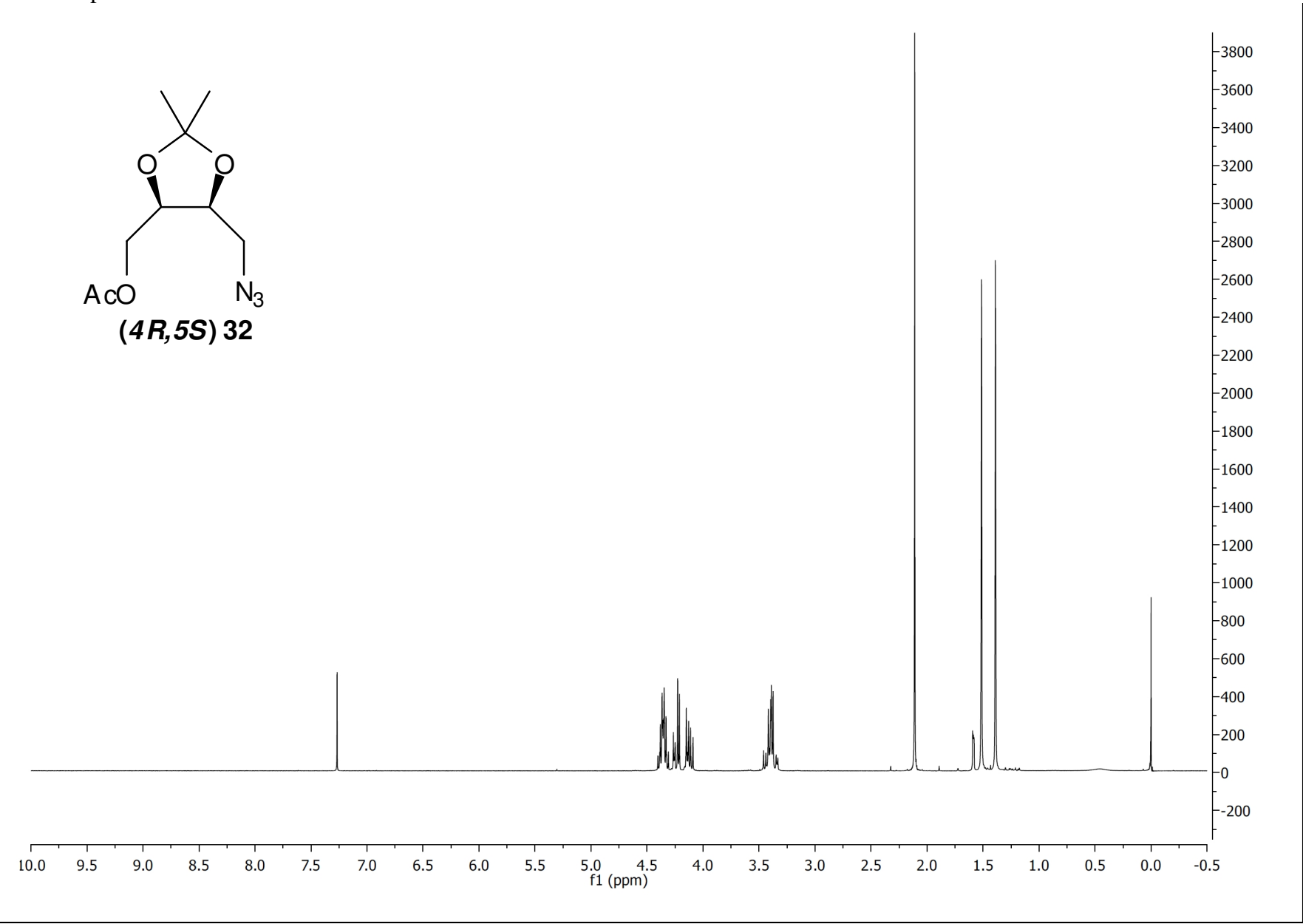


¹H NMR of compound **30**

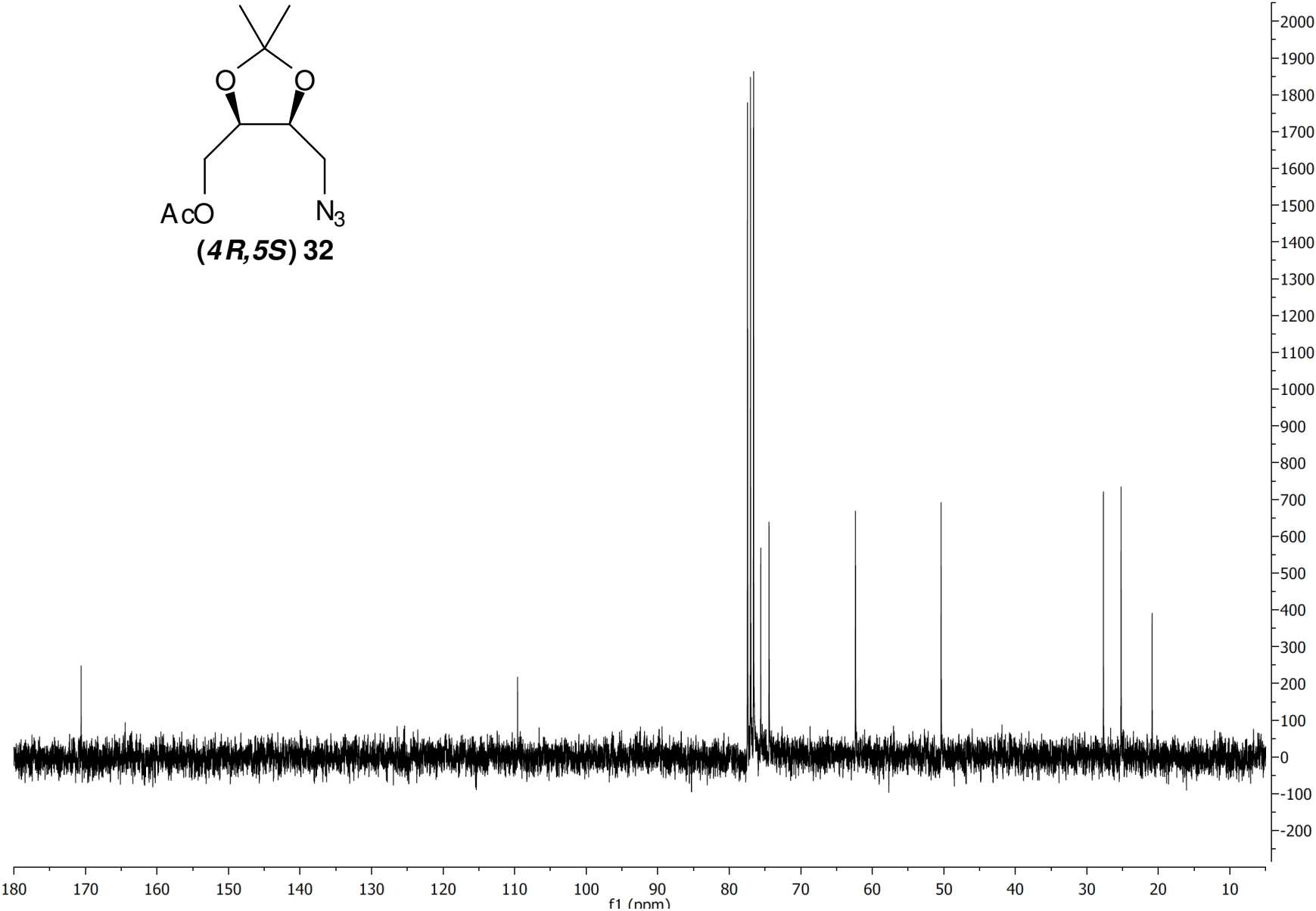




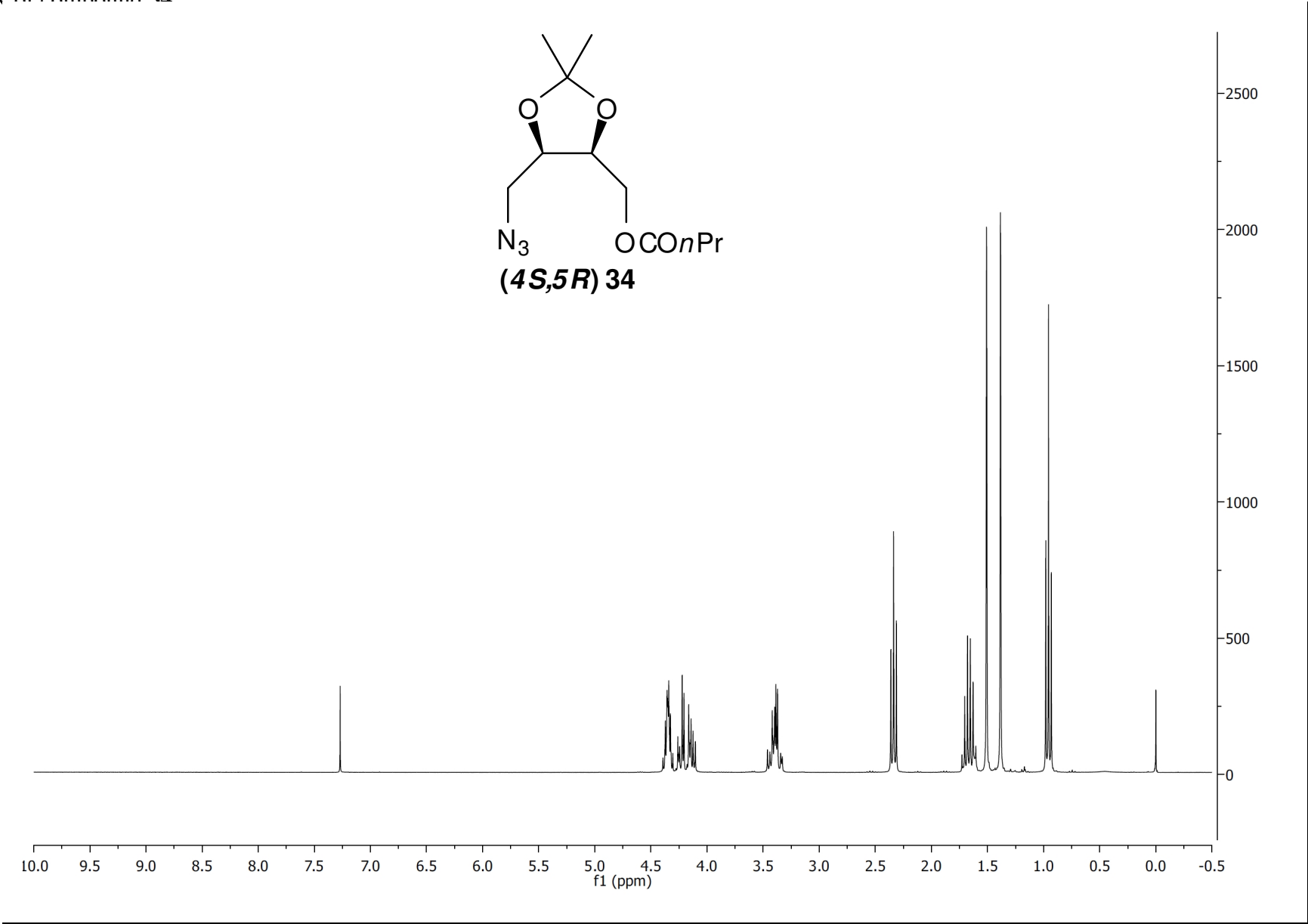
¹H NMR of compound **32**



¹³C NMR of compound **32**



¹H NMR of compound **34**



¹³C NMR of compound **34**

