

Enantioselective Synthesis of *anti*- and *syn*-Homopropargyl Alcohols via Chiral Brønsted Acid Catalyzed Asymmetric Allenylboration Reactions

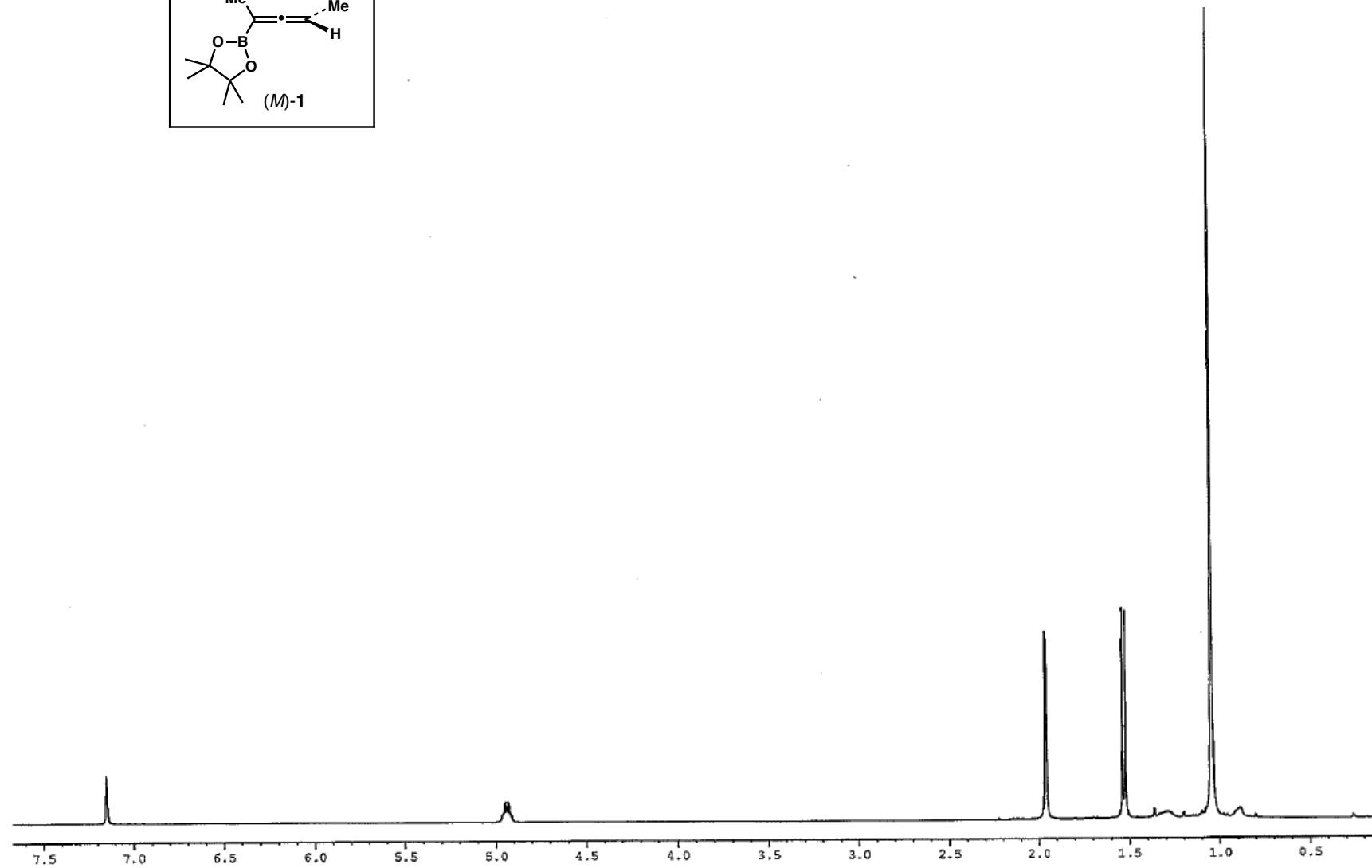
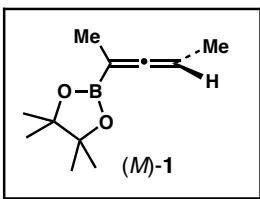
*Ming Chen and William R. Roush**

Department of Chemistry

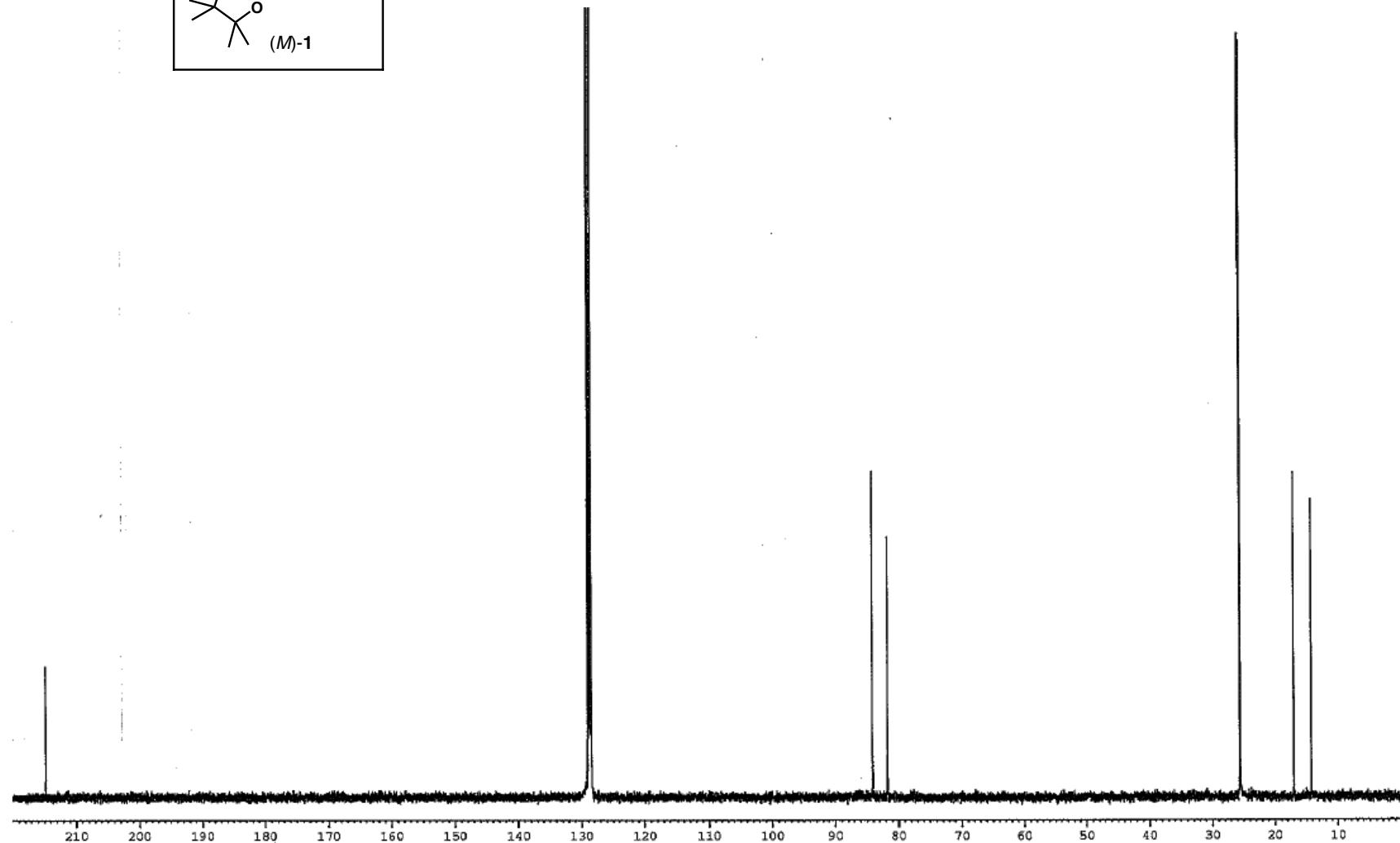
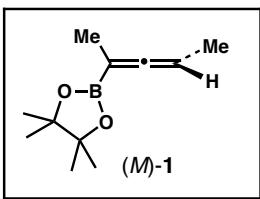
Scripps Florida, Jupiter, FL 33458

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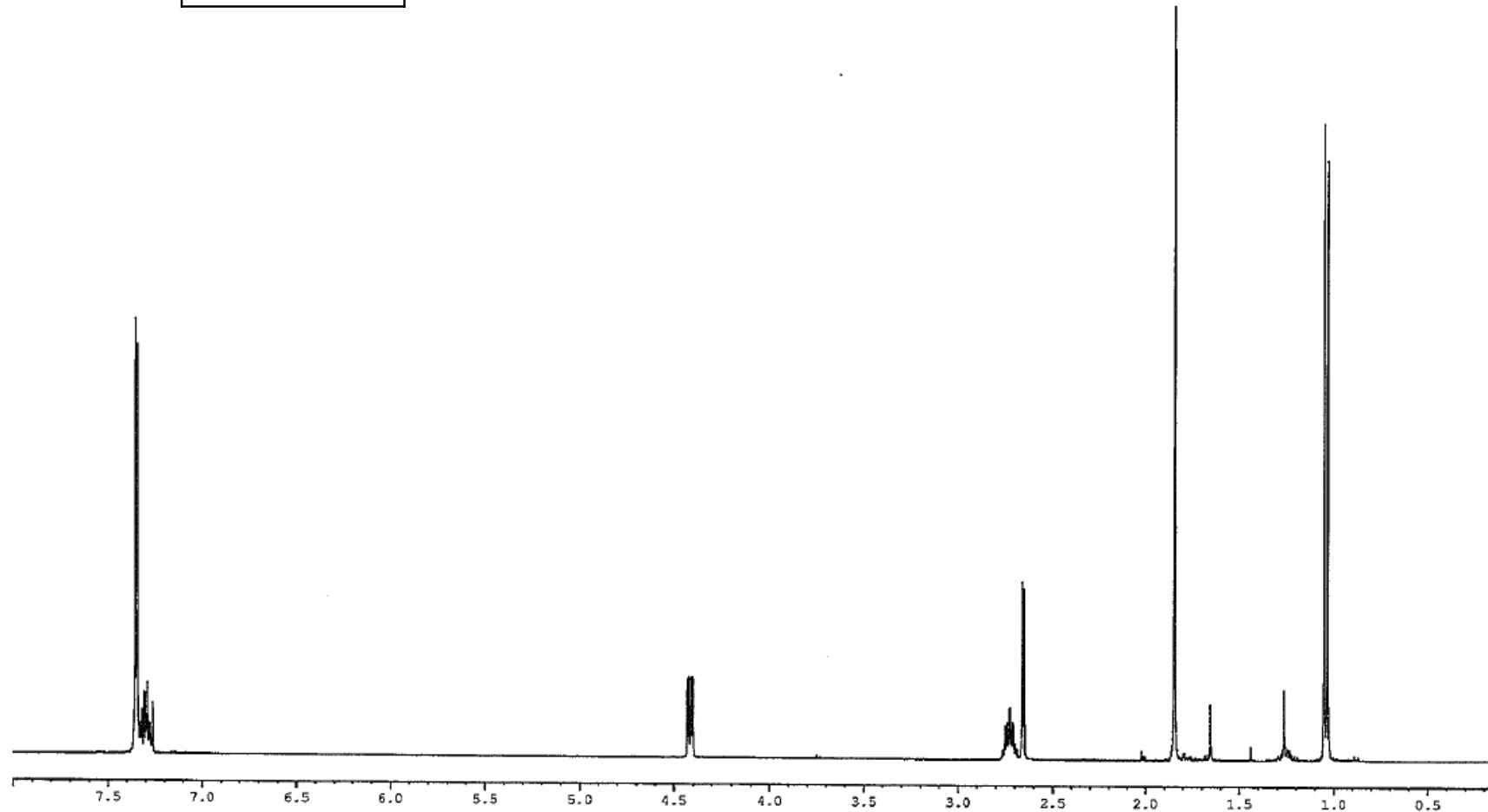
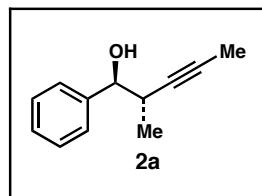
Supporting Information II: ^1H and ^{13}C Spectra of New Compounds



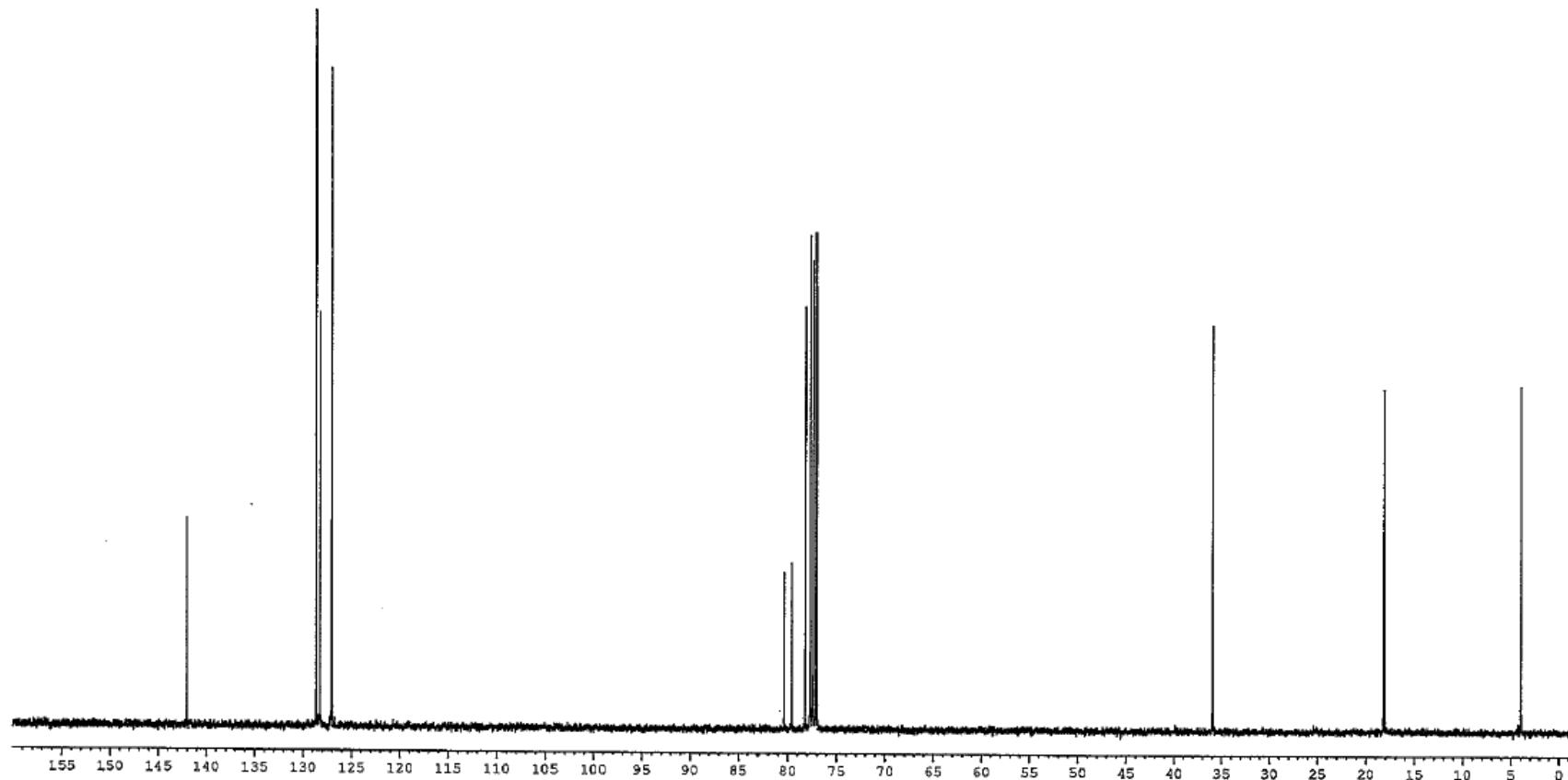
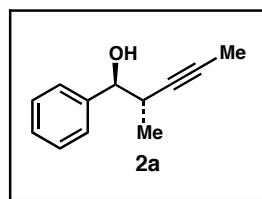
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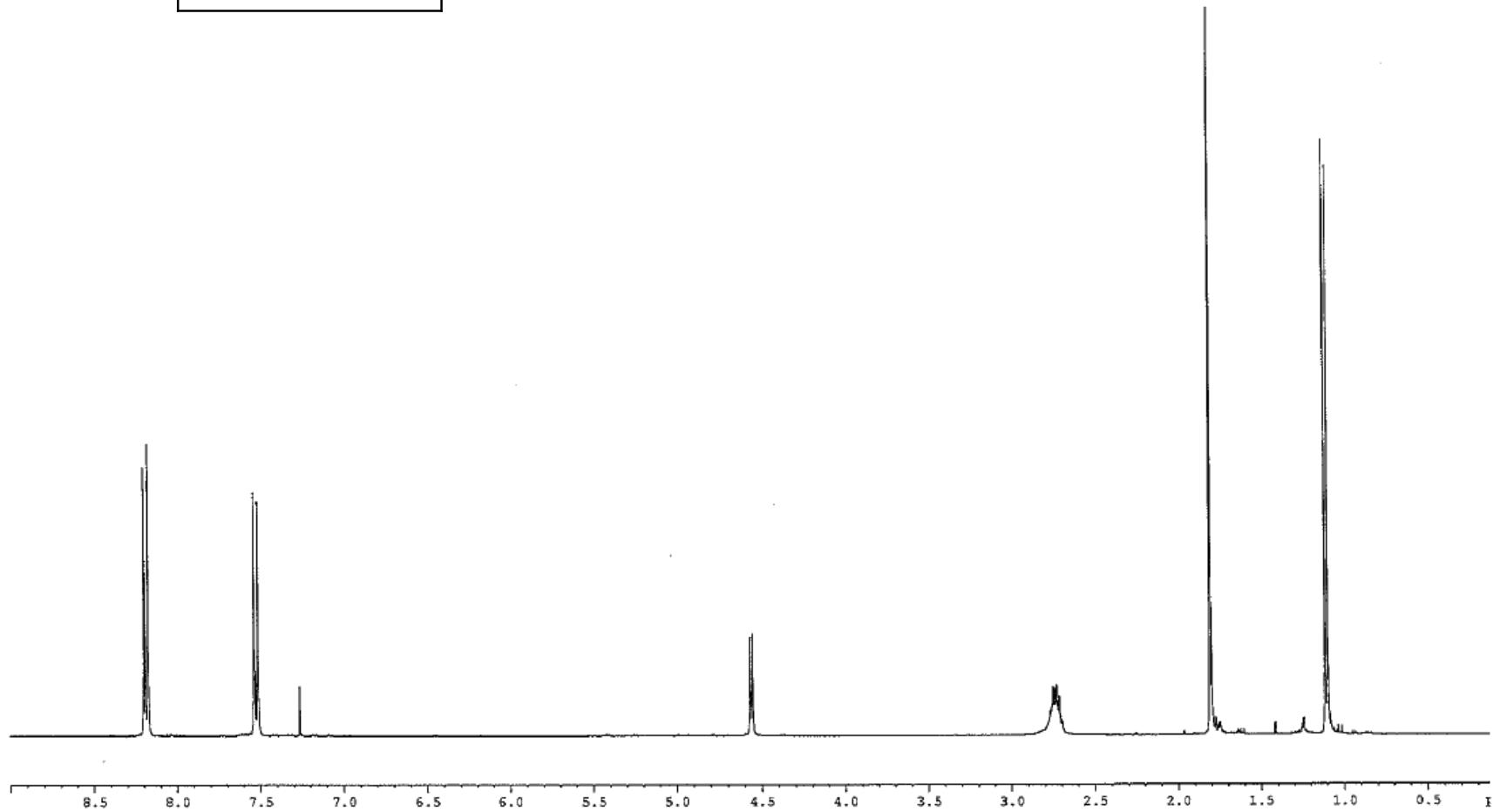
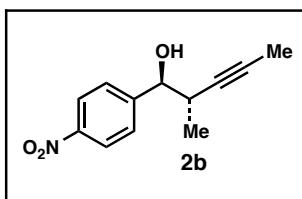
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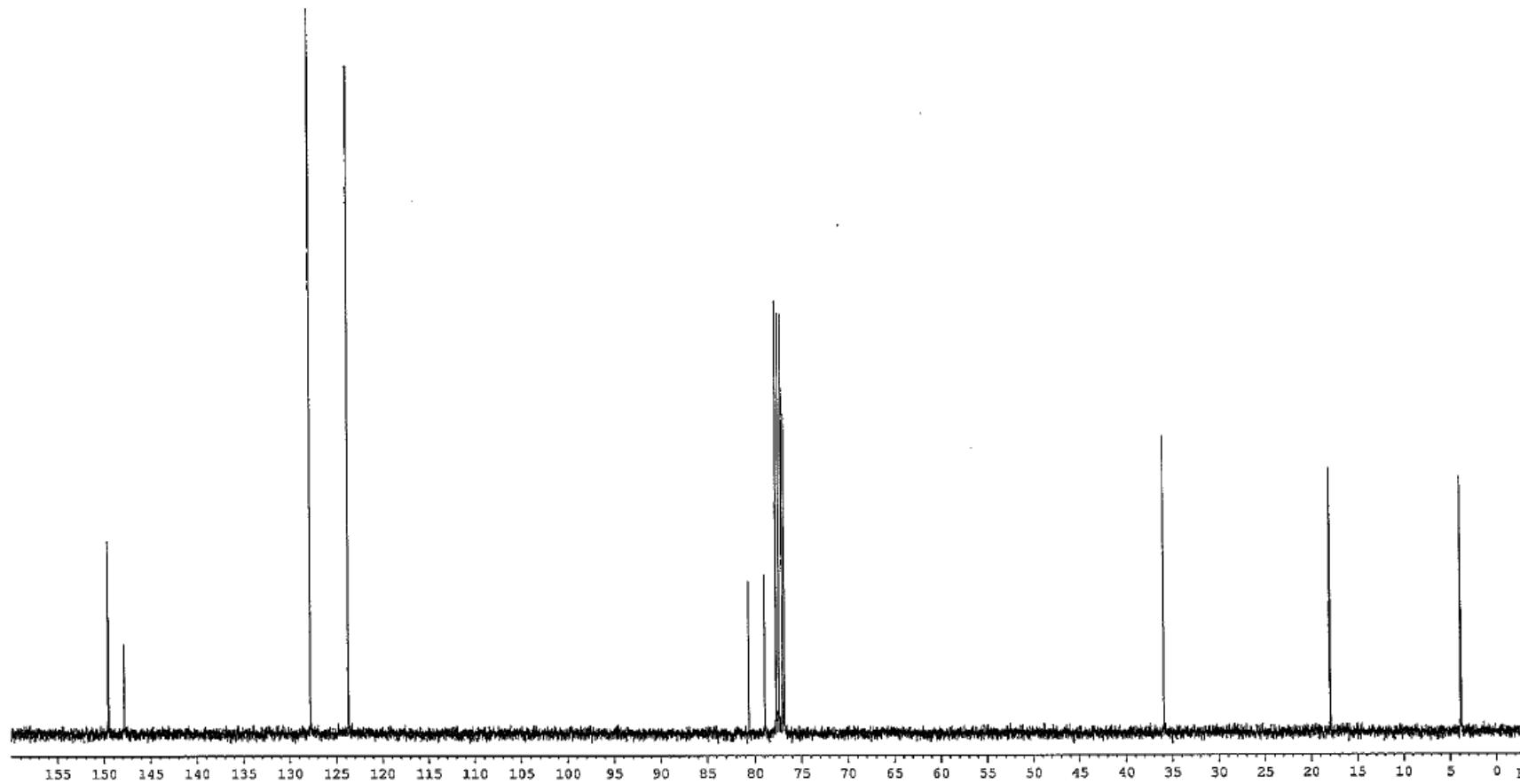
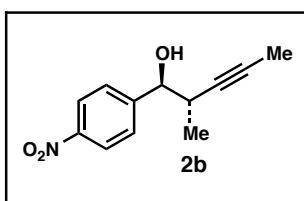
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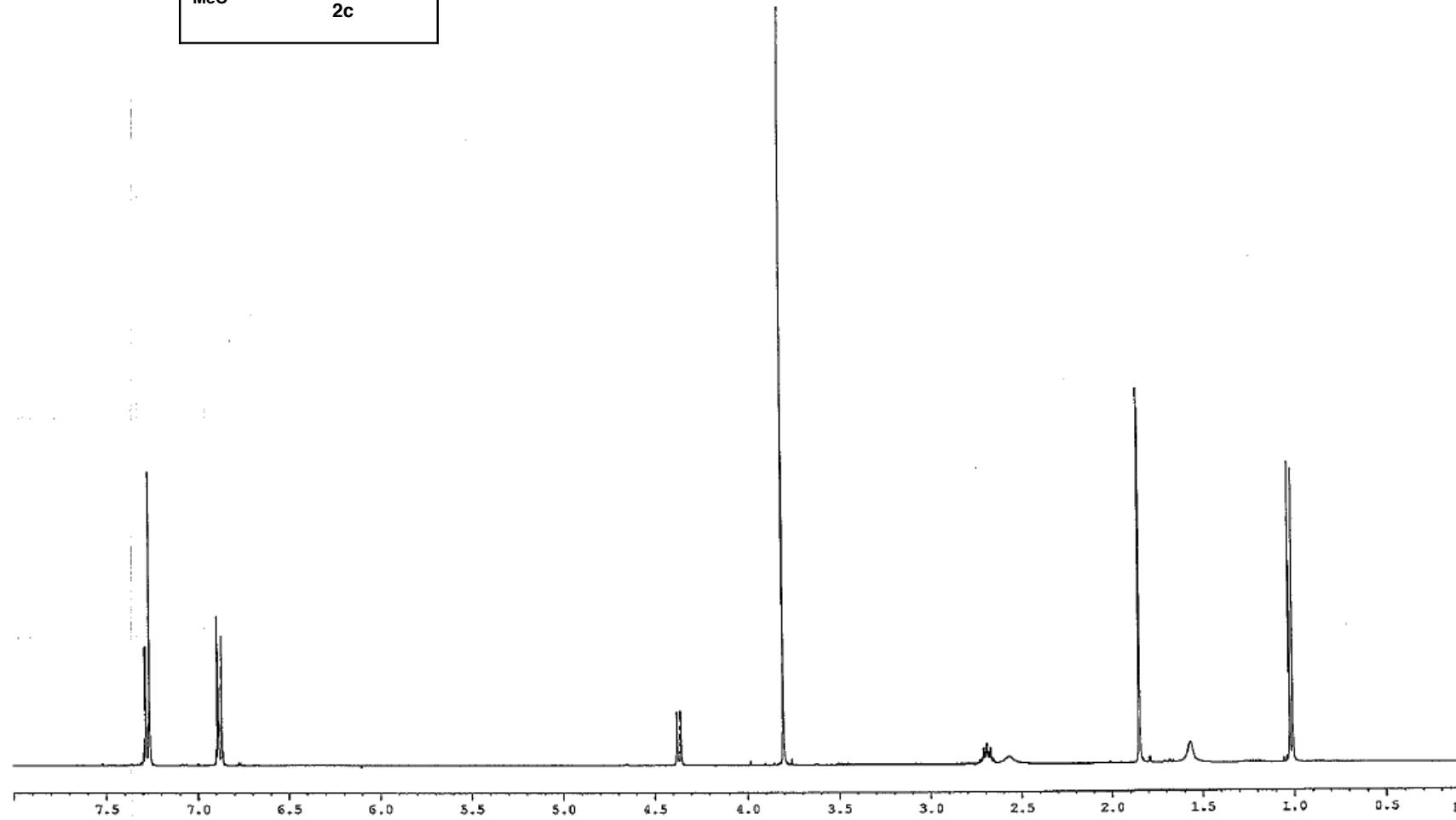
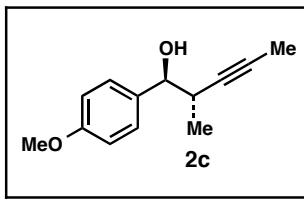
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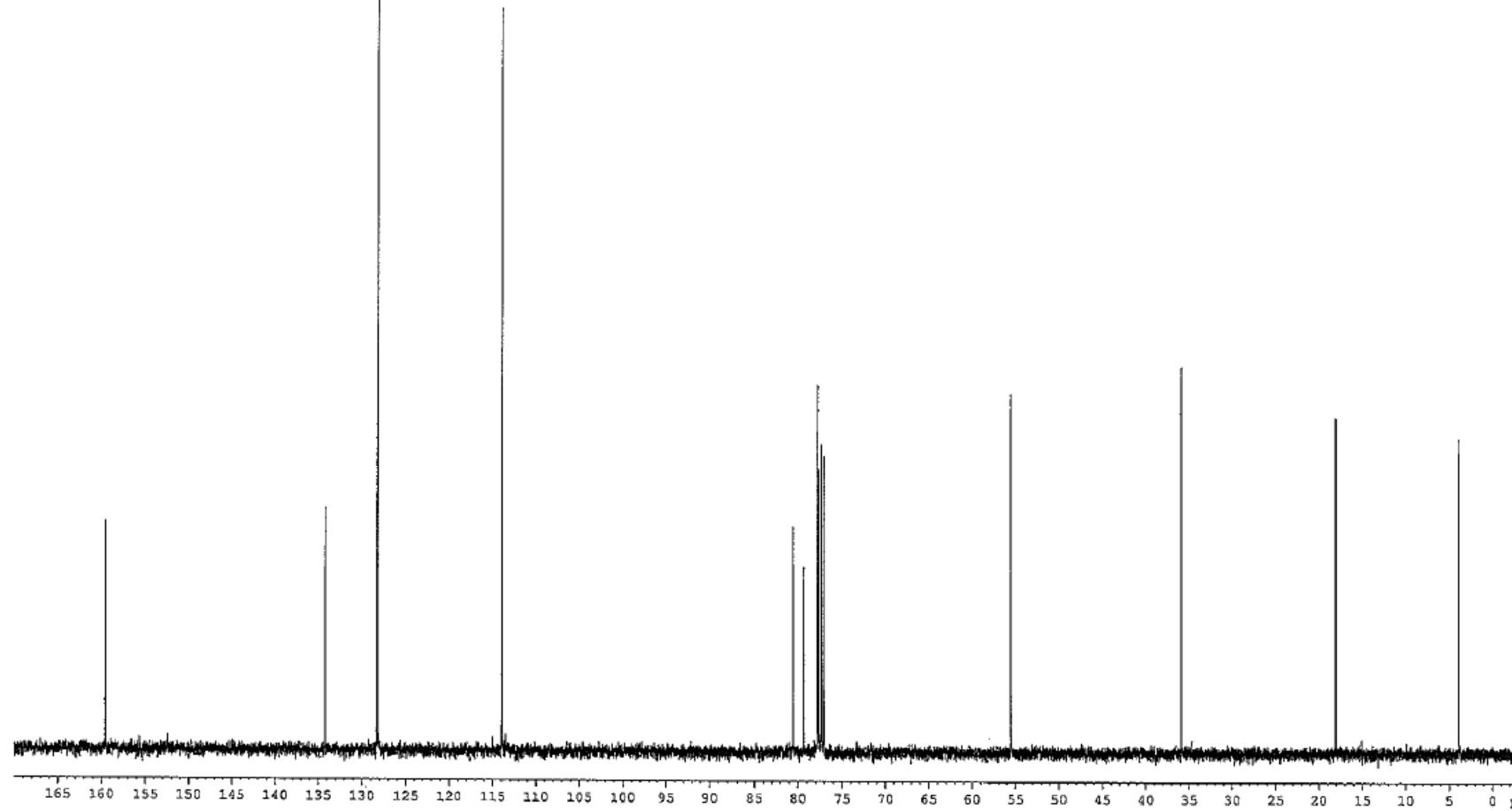
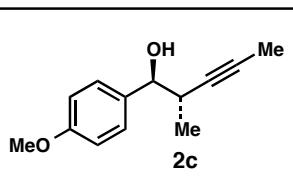
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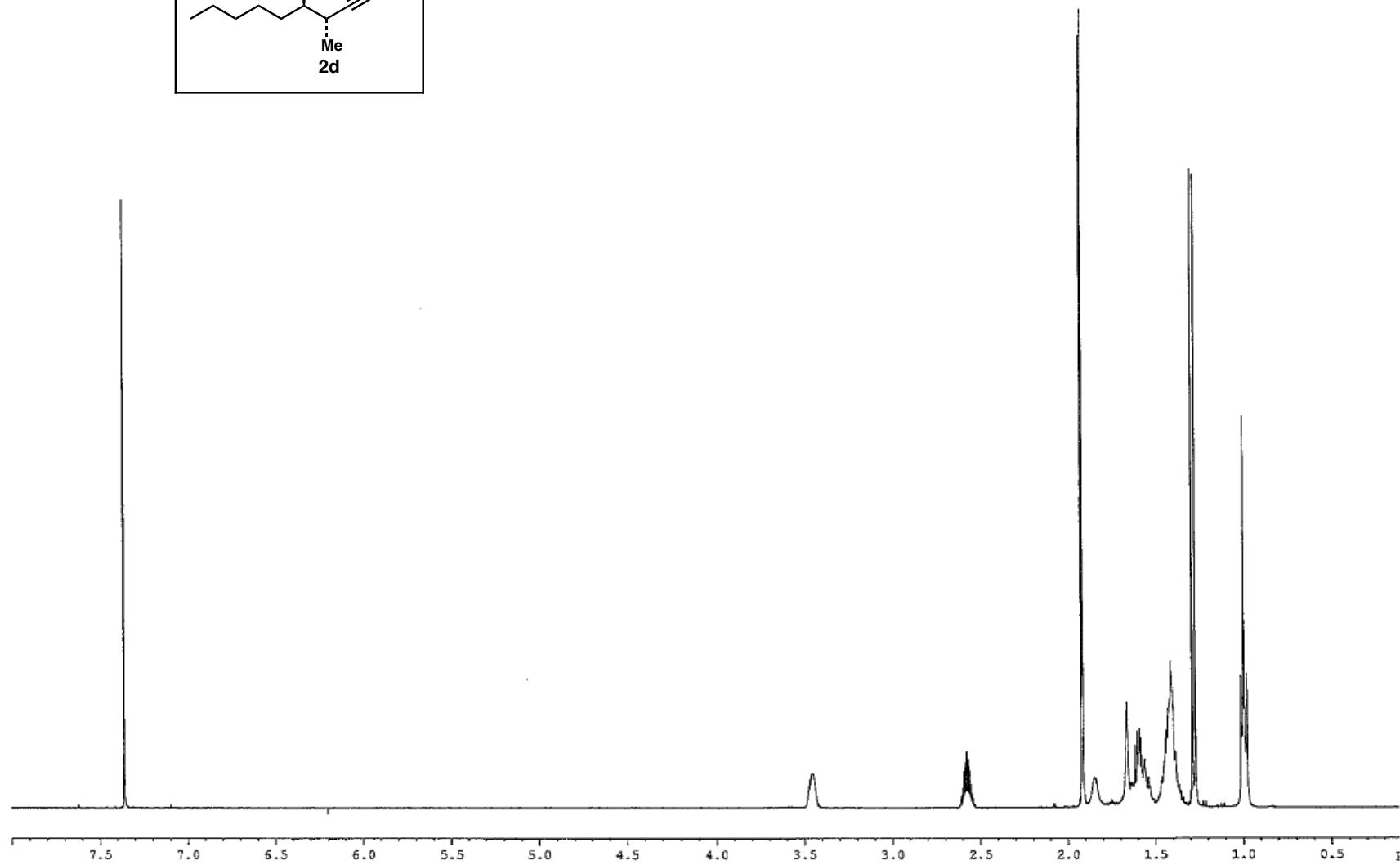
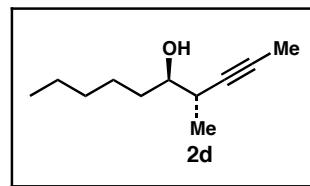


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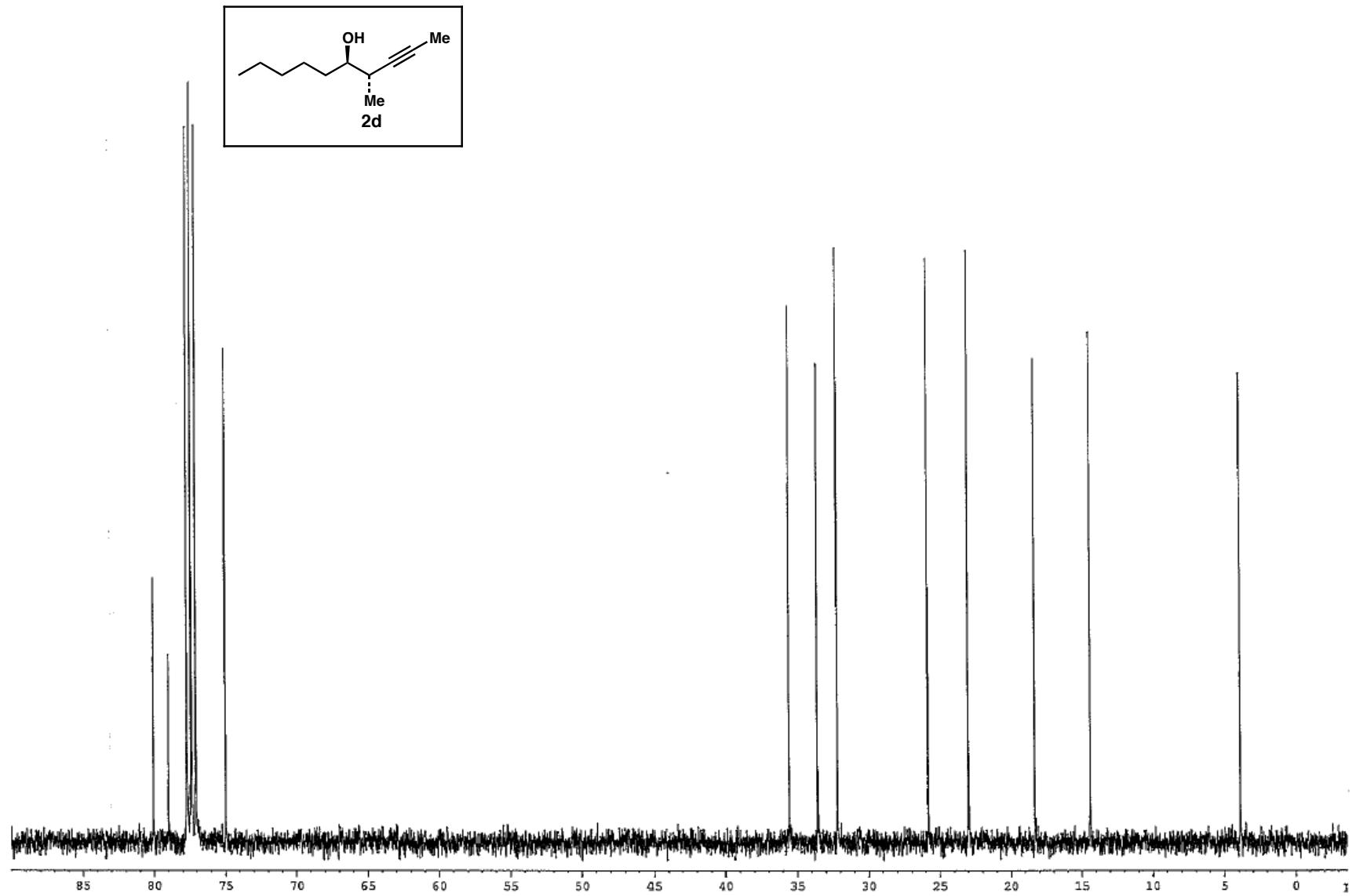


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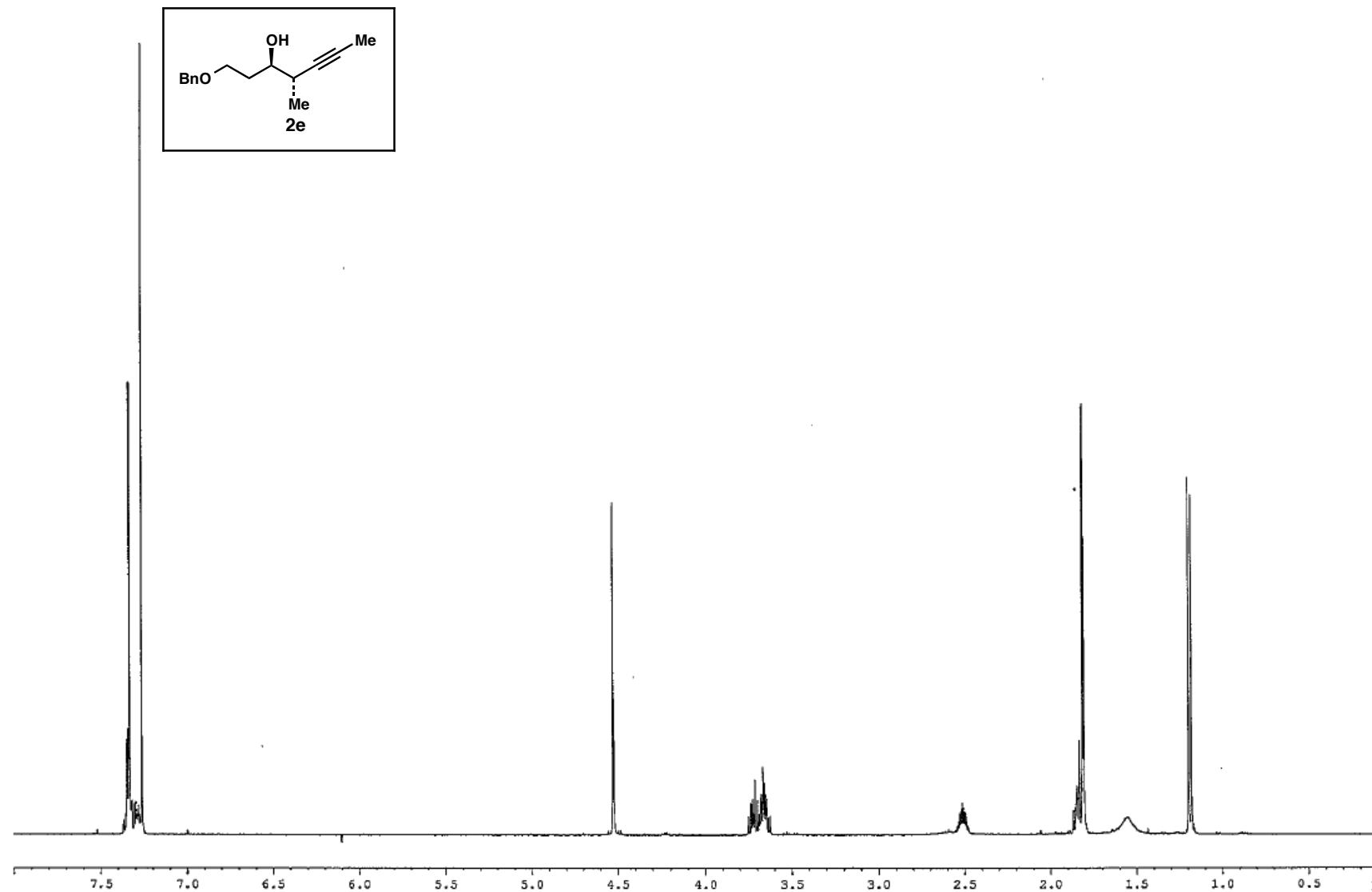




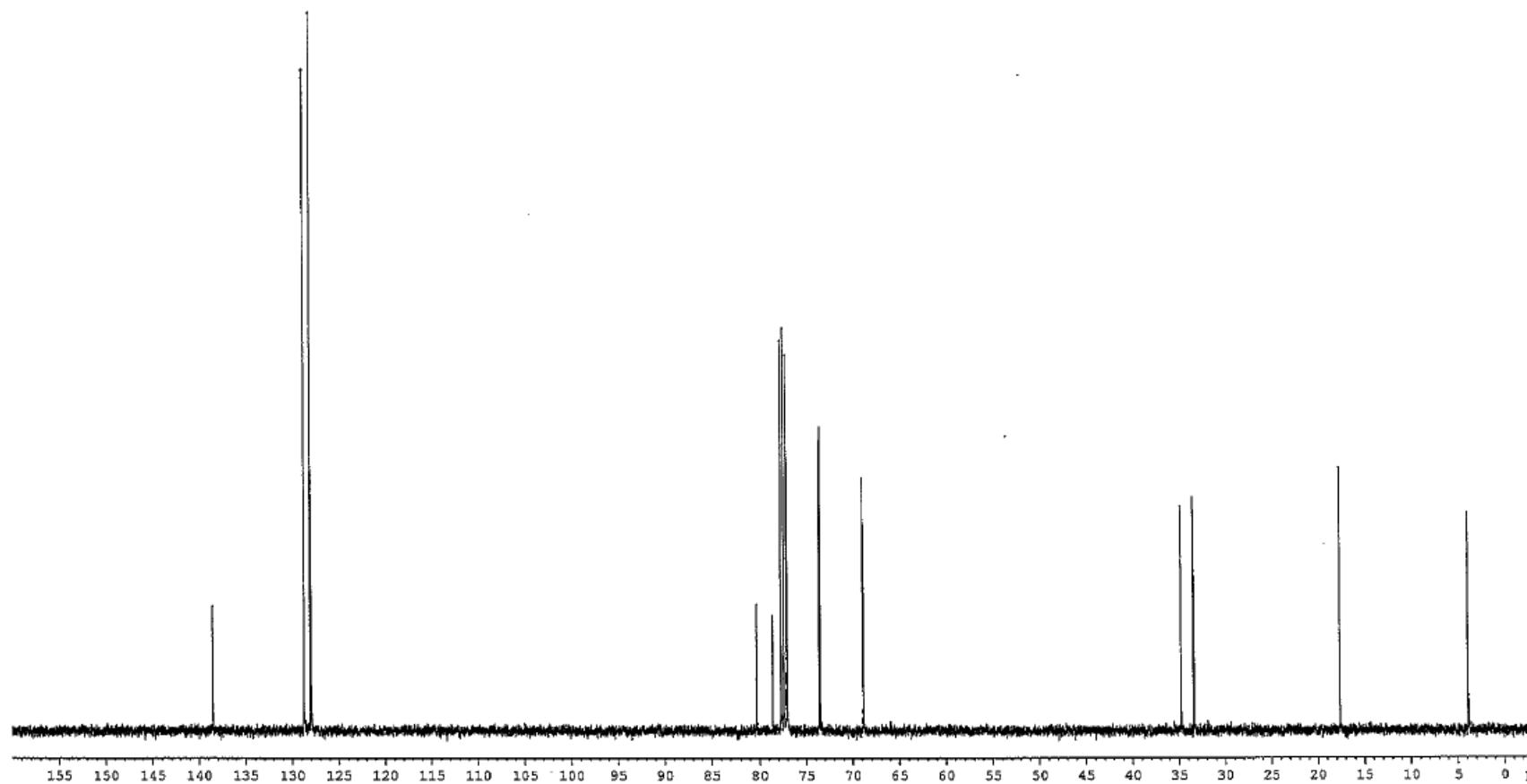
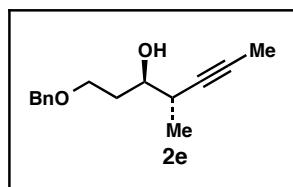
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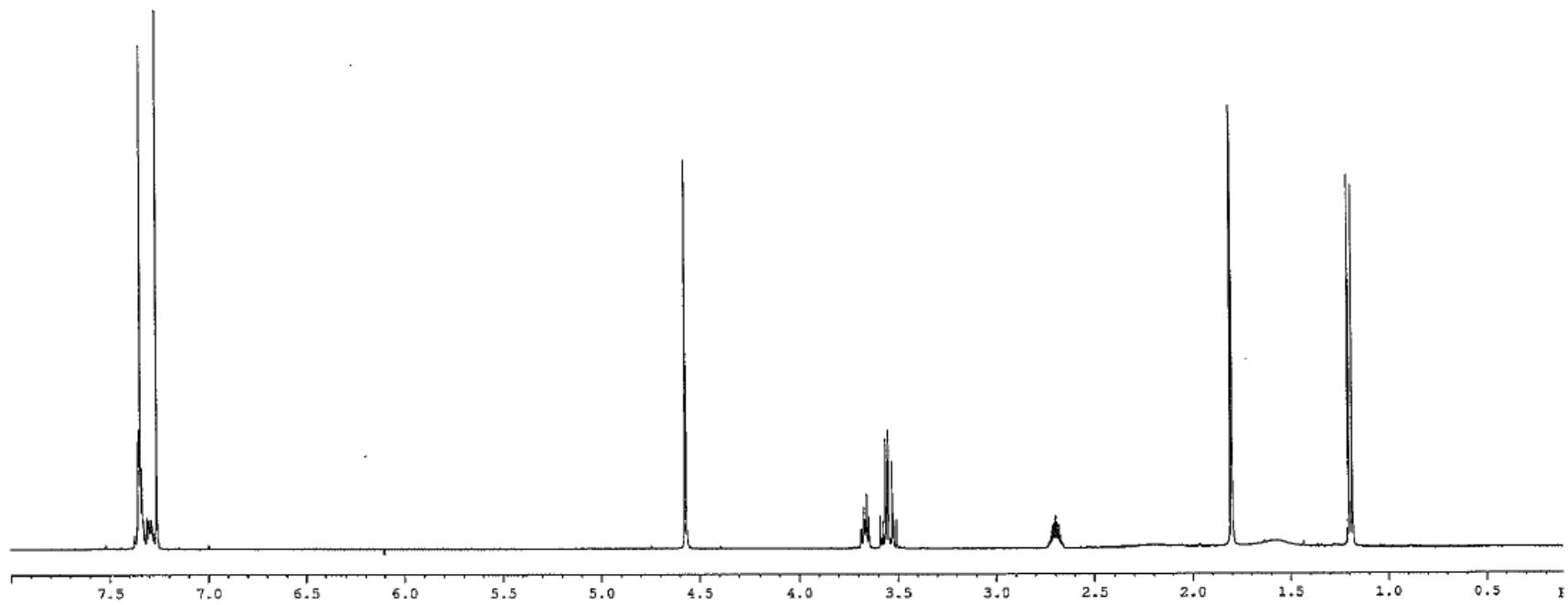
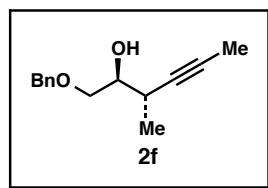
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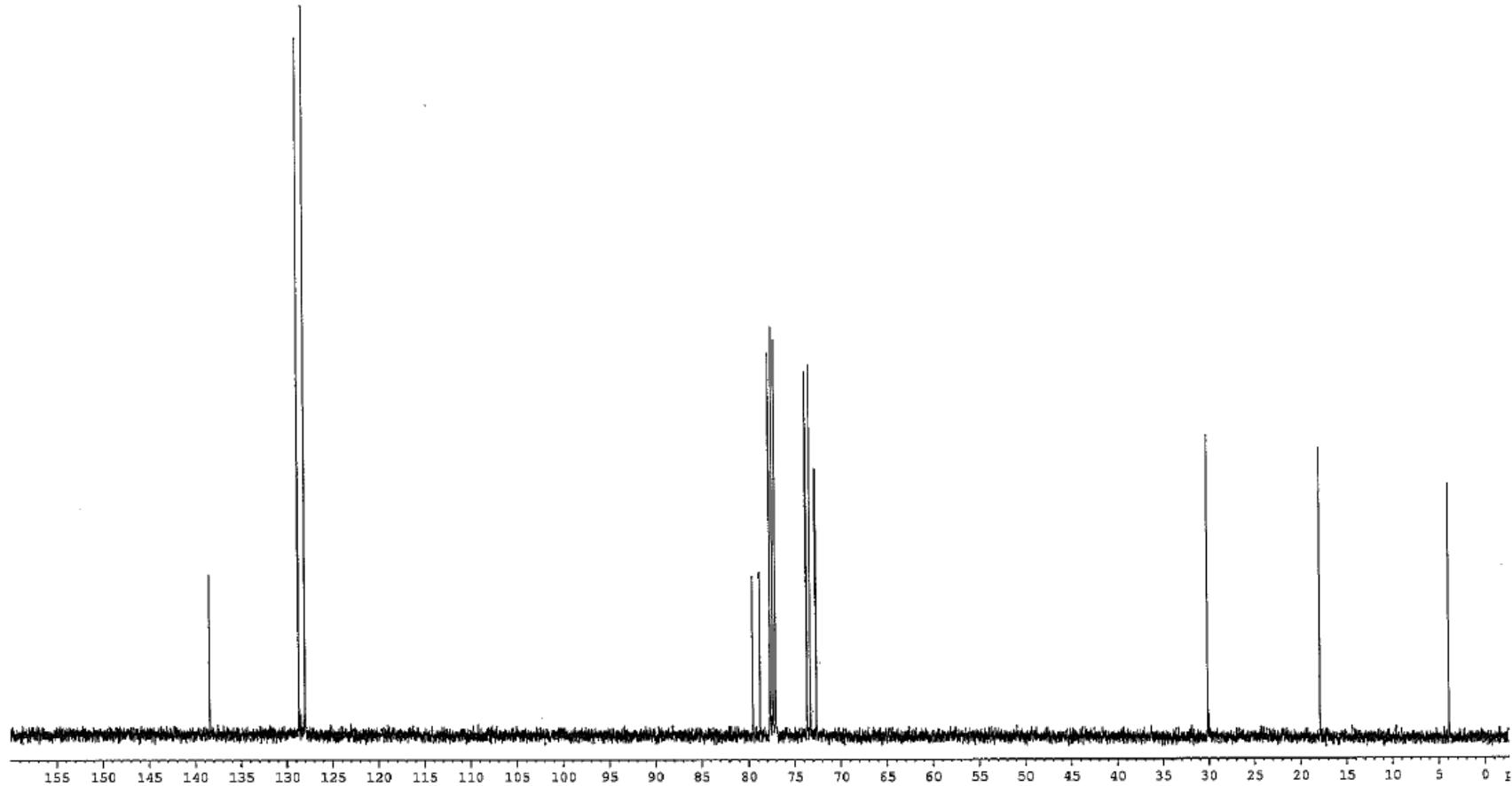
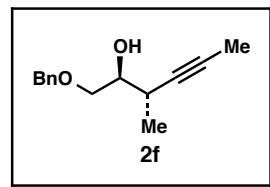
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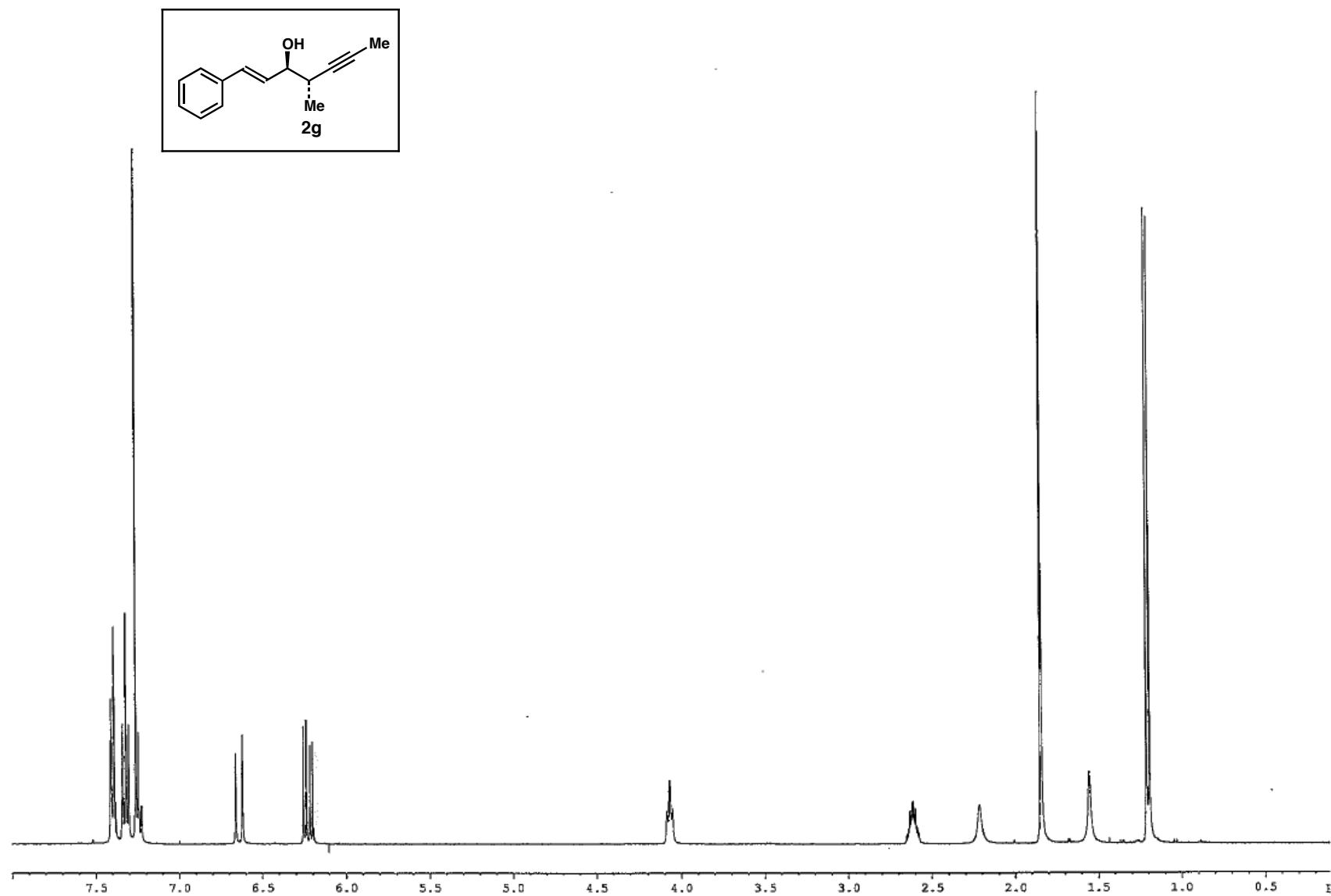
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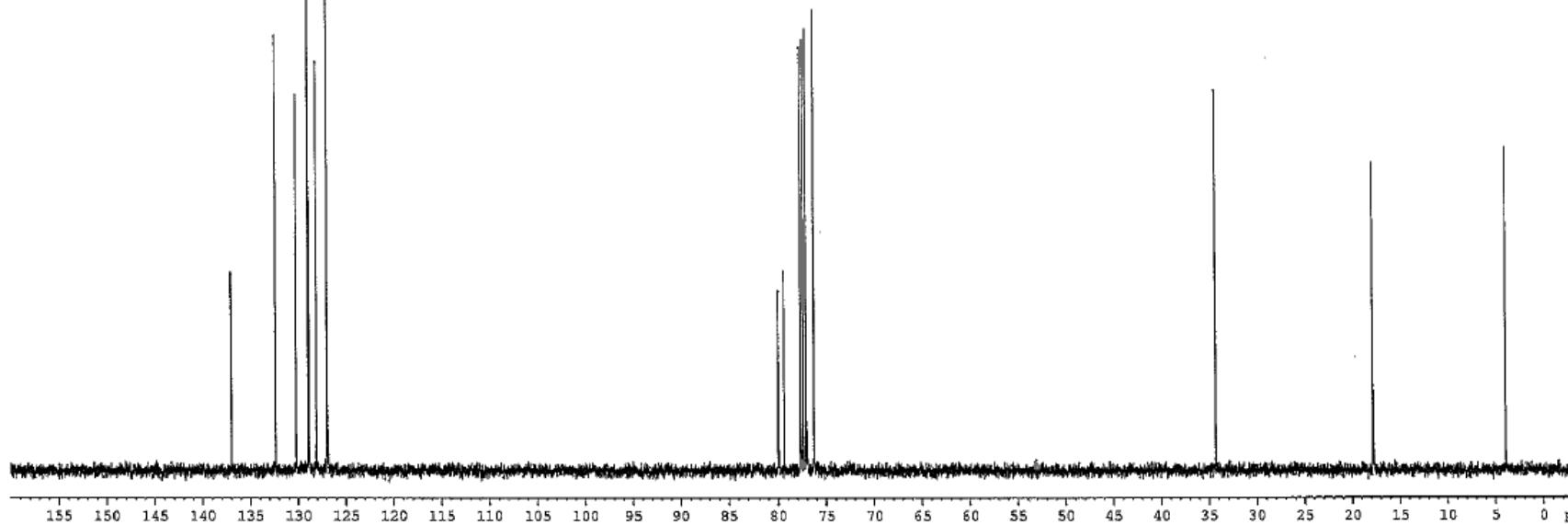
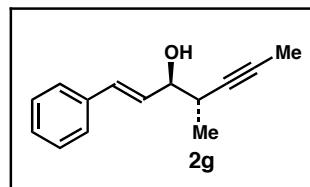
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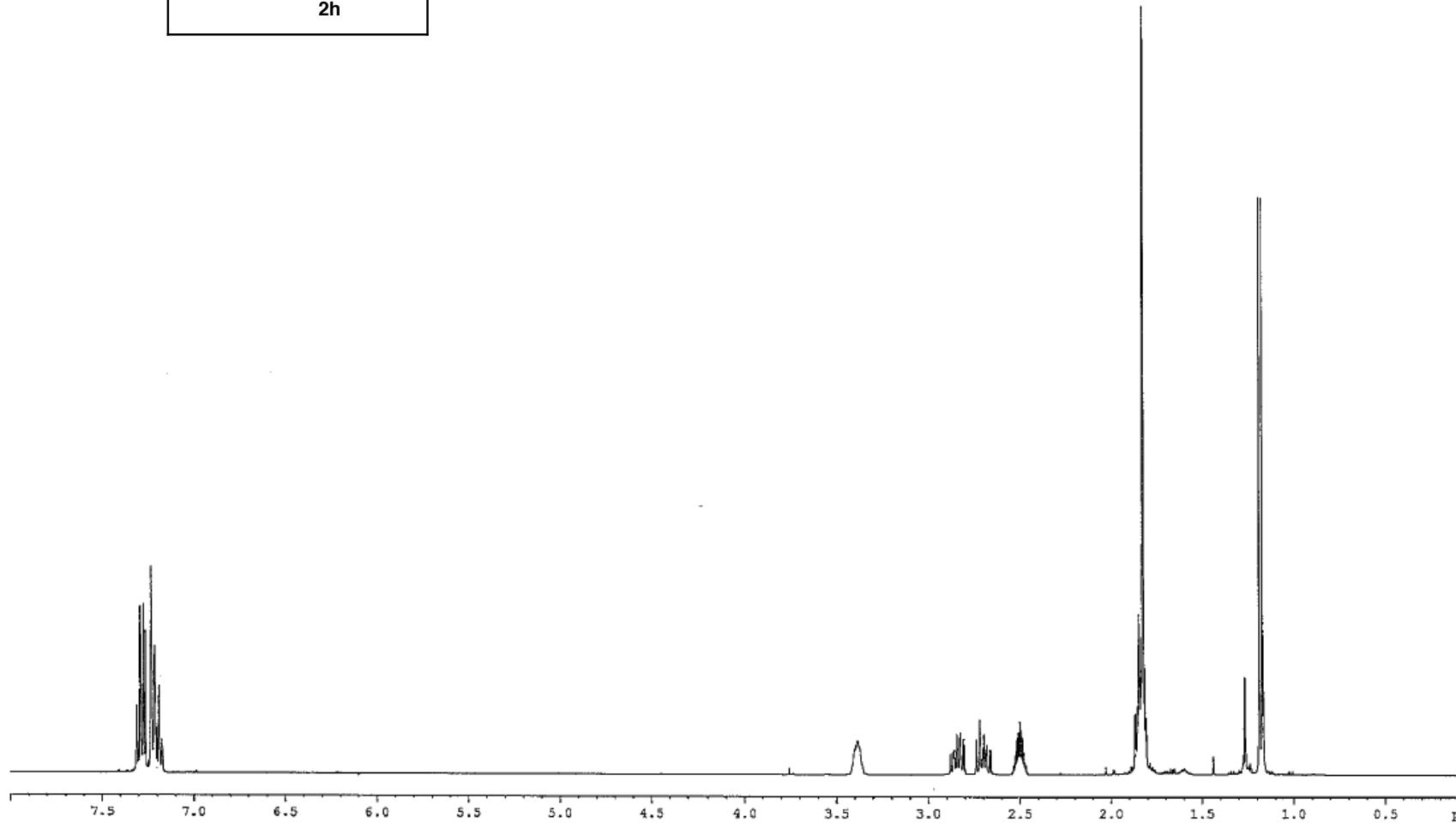
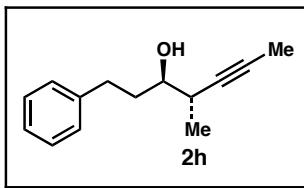
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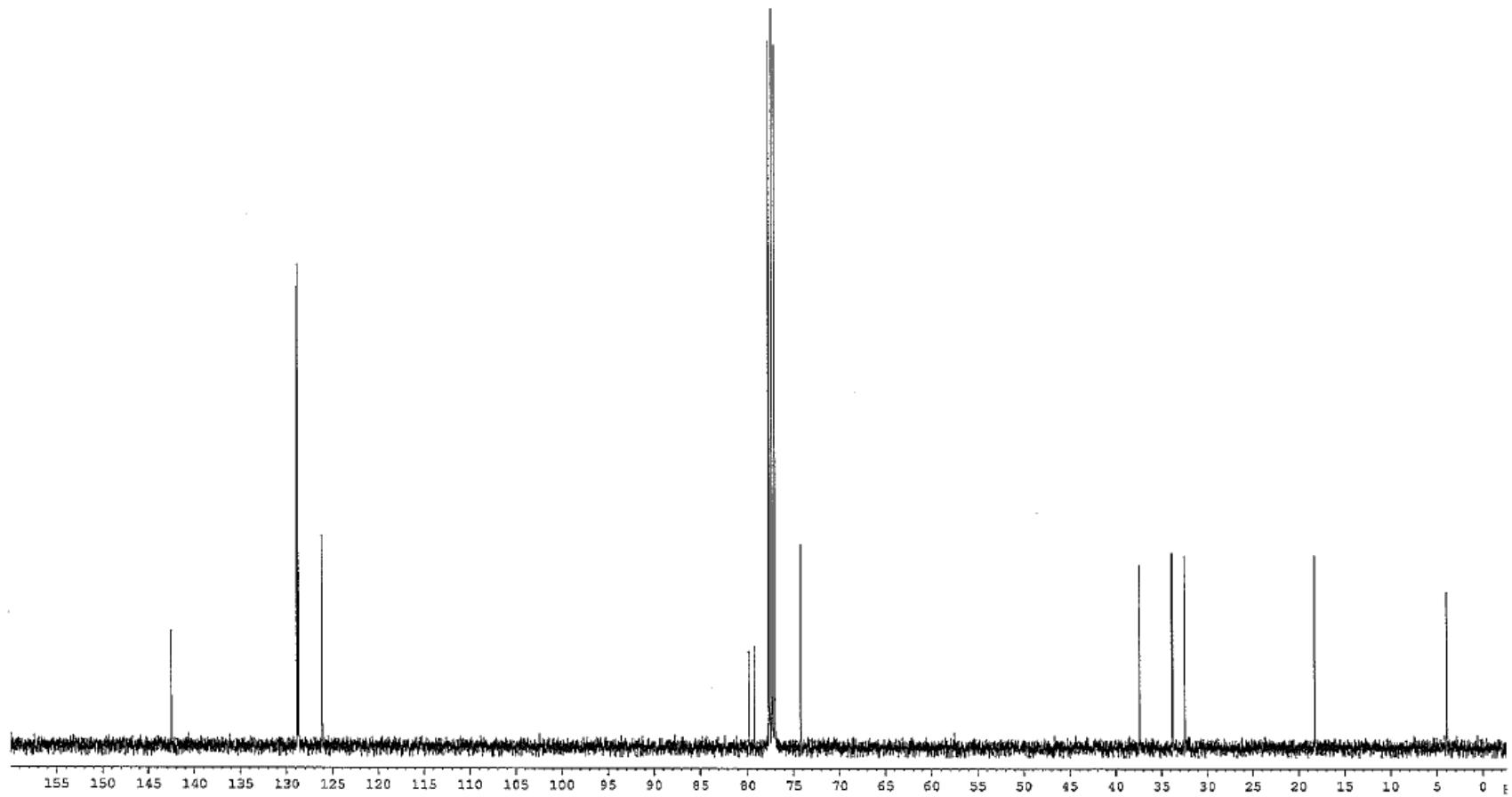
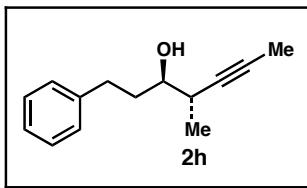
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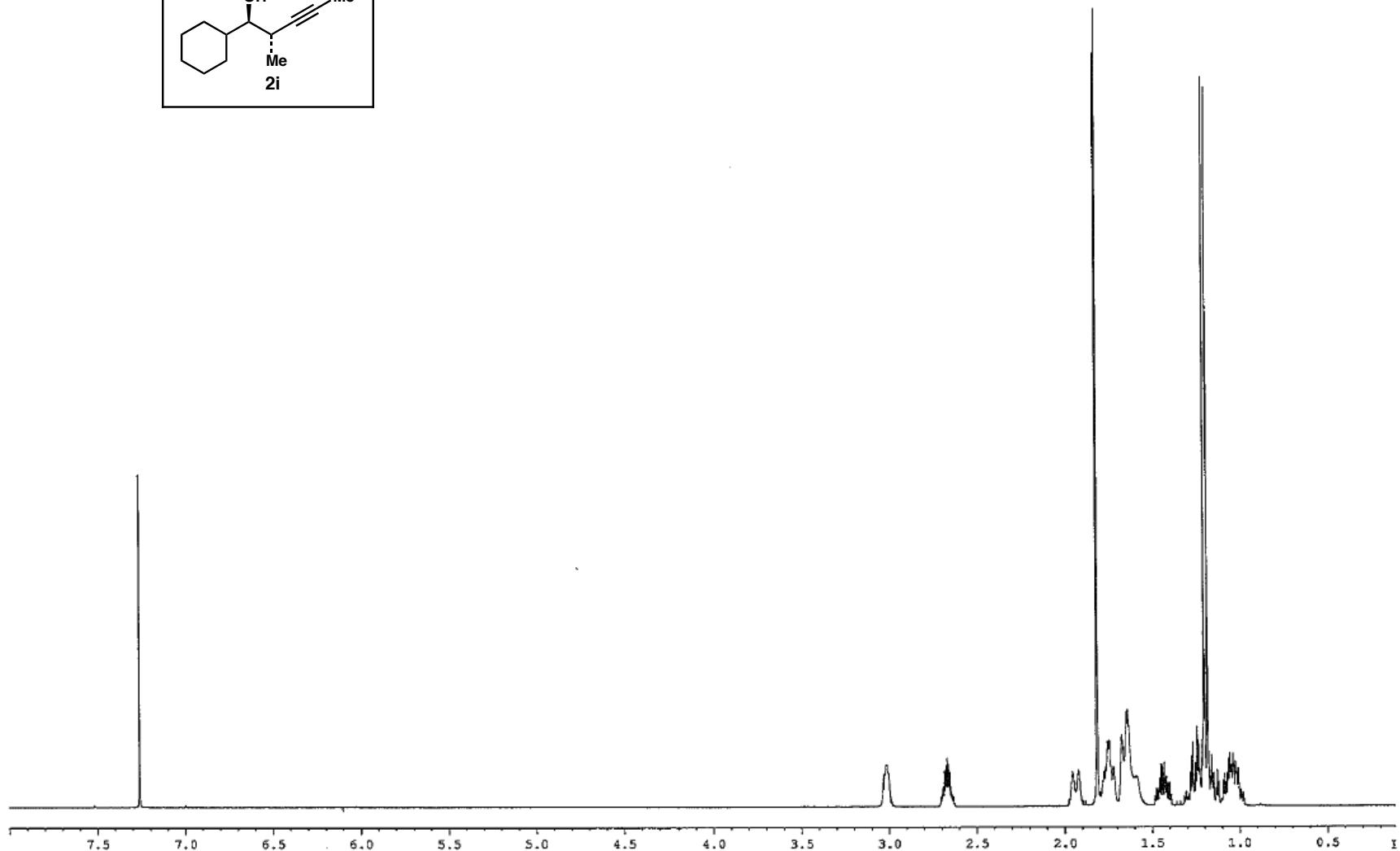
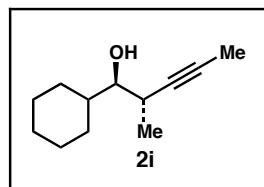
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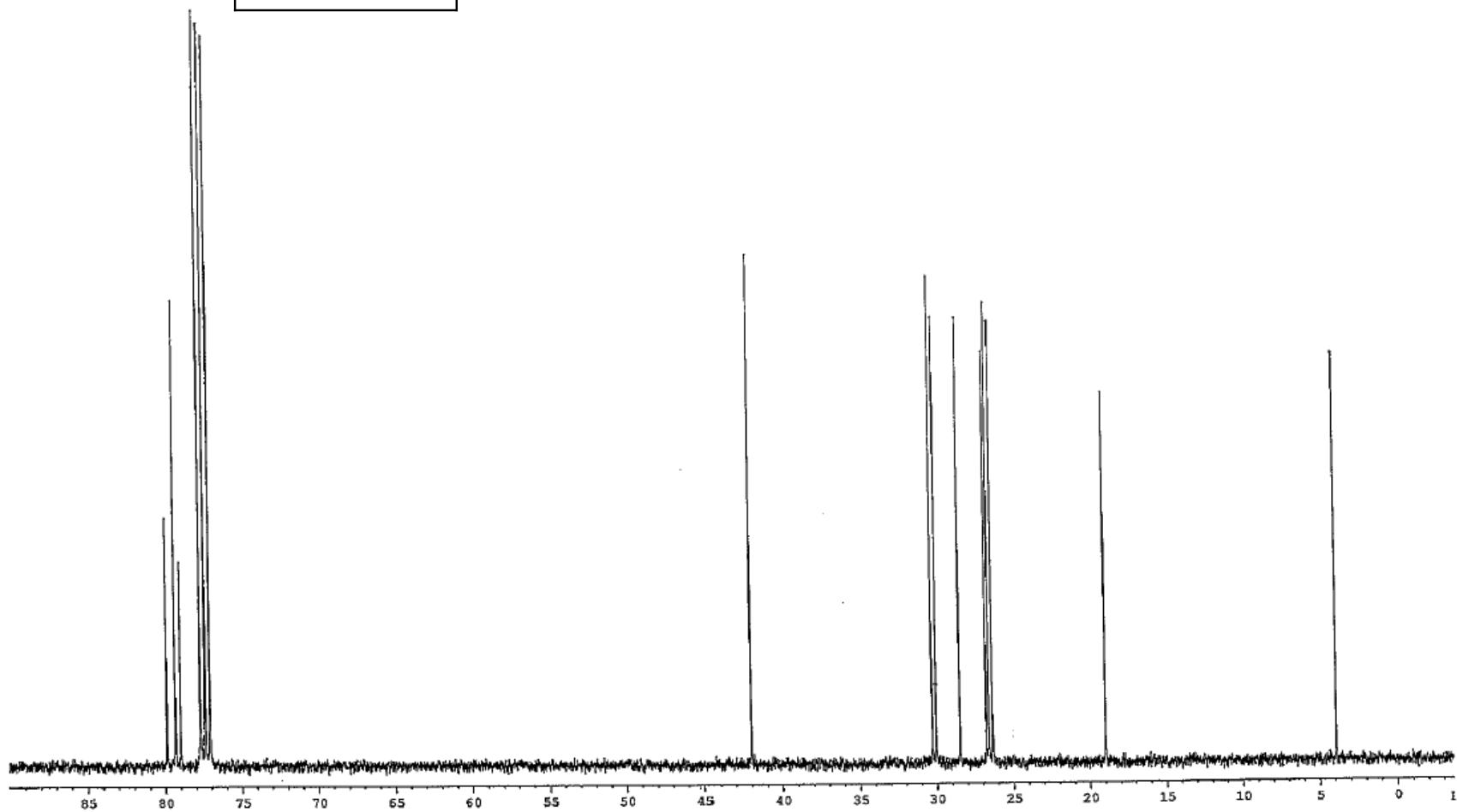
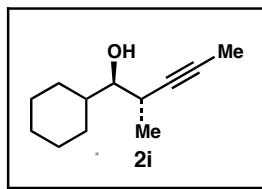
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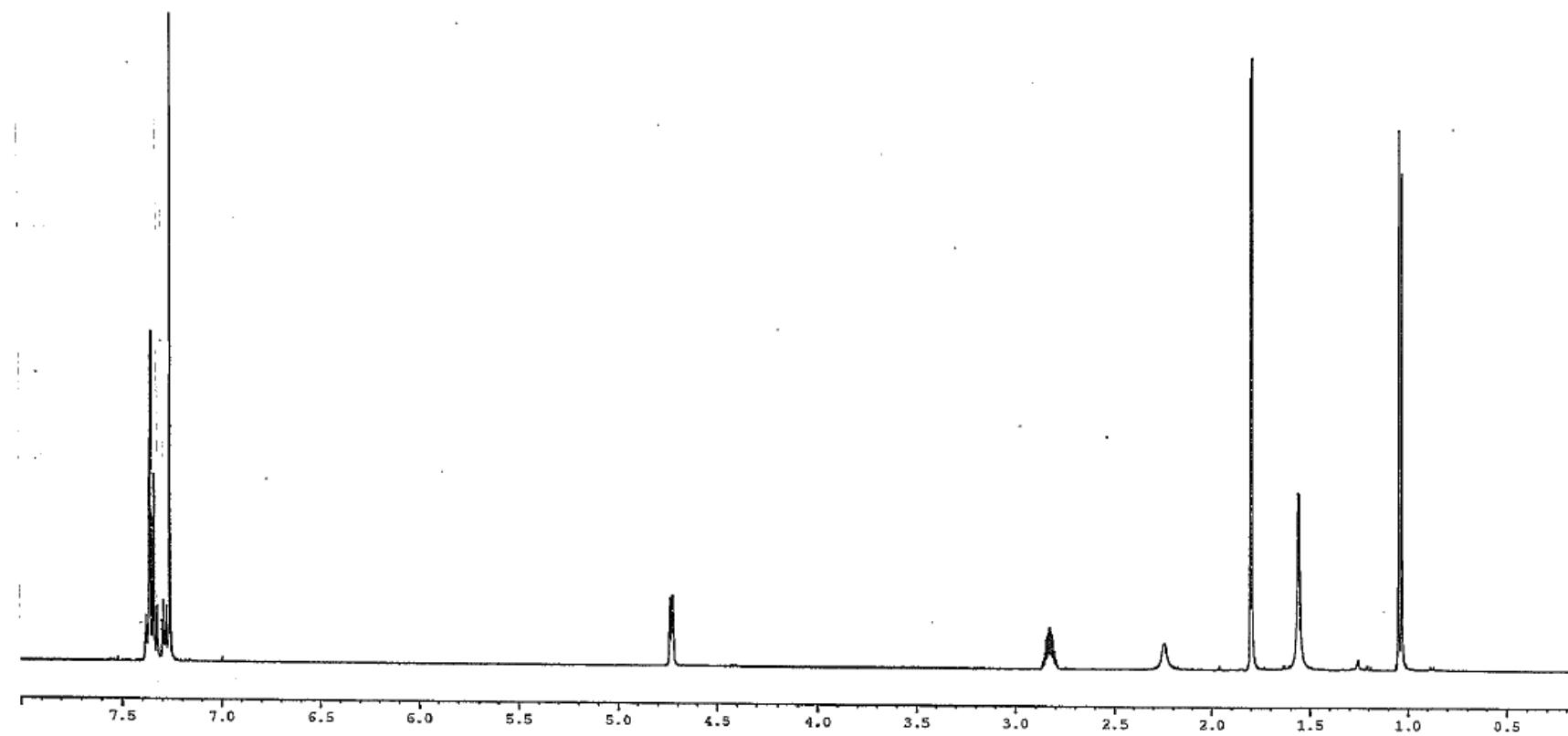
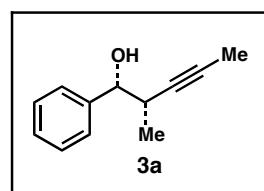
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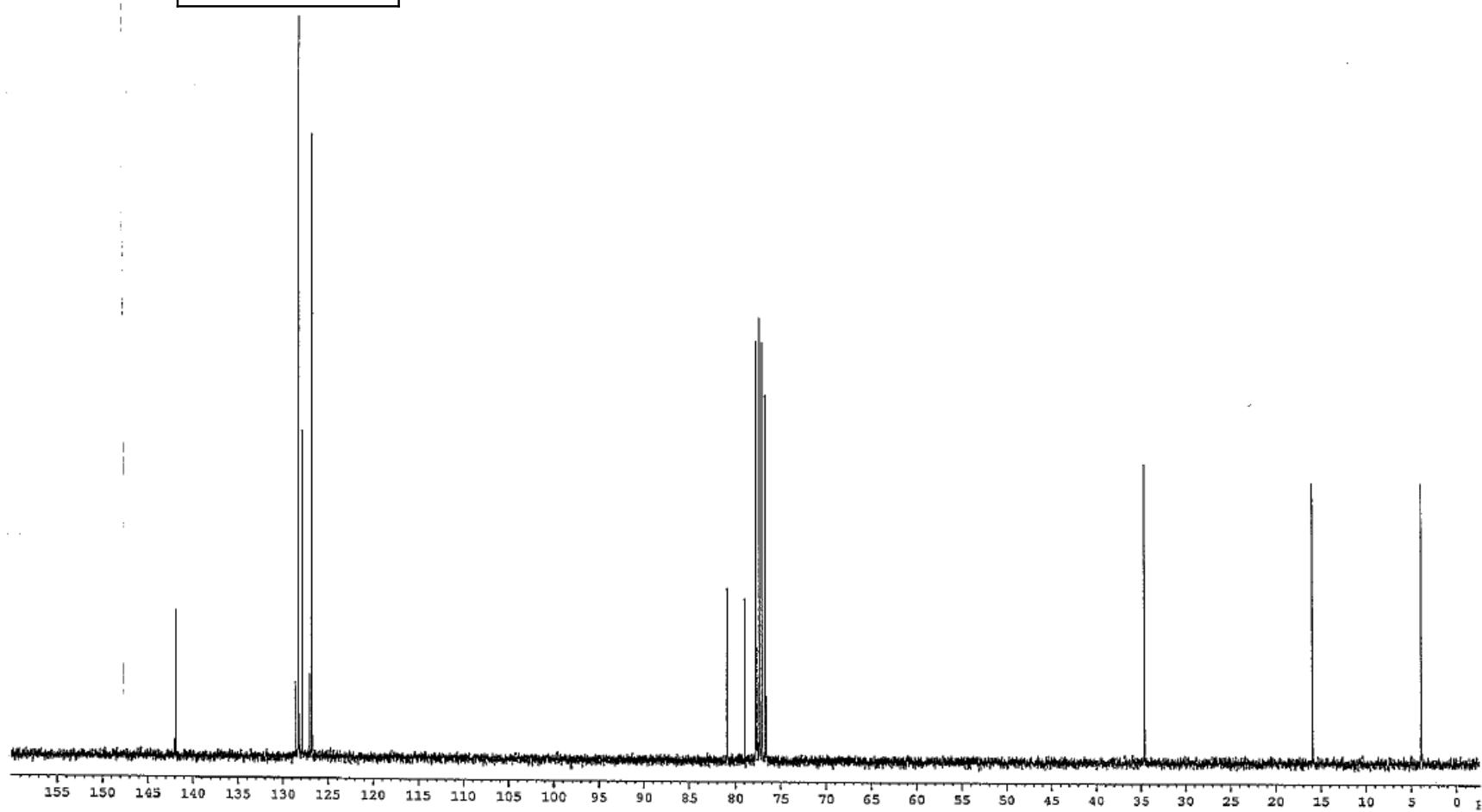
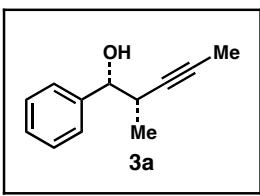
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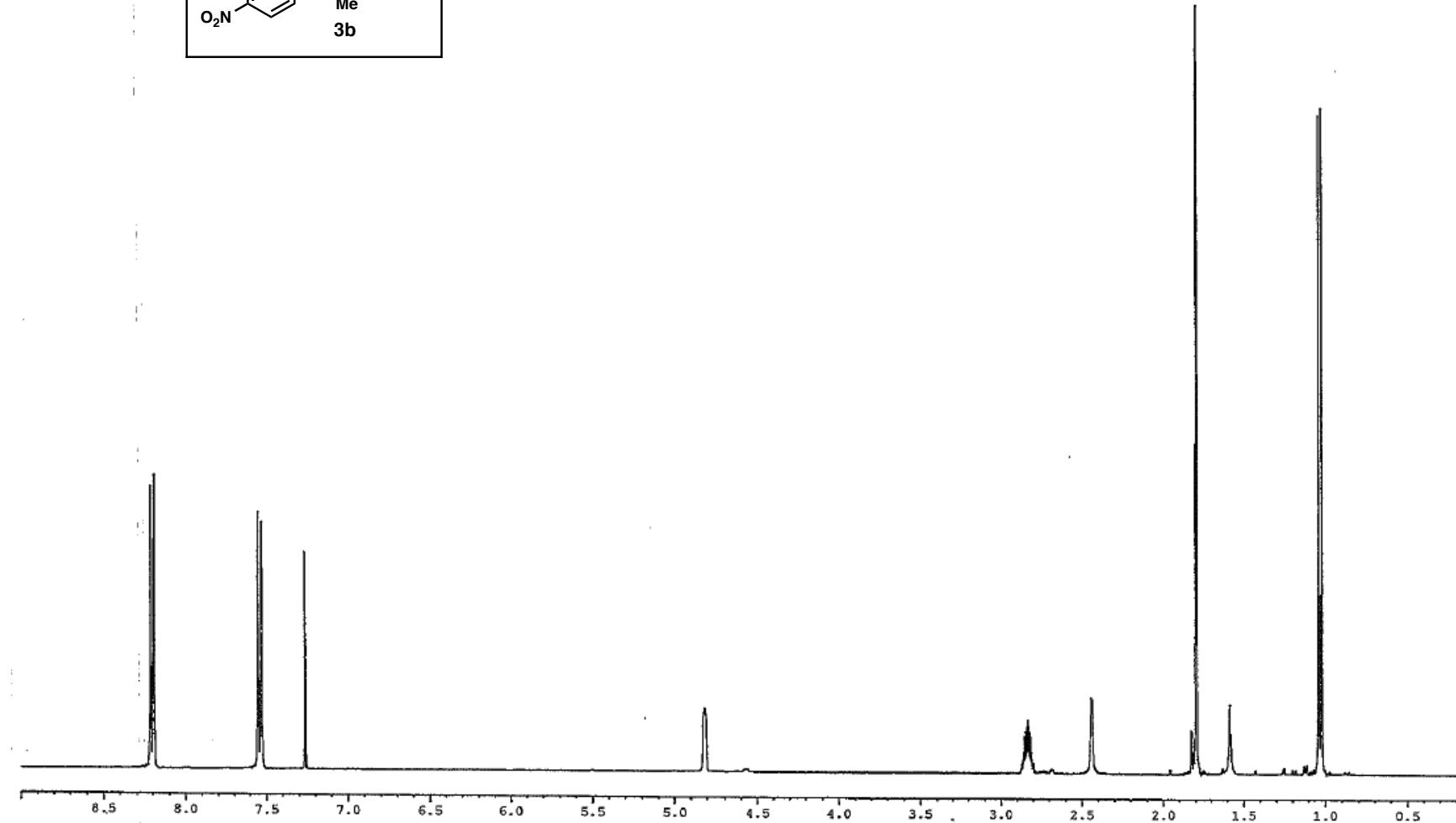
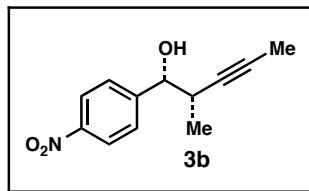
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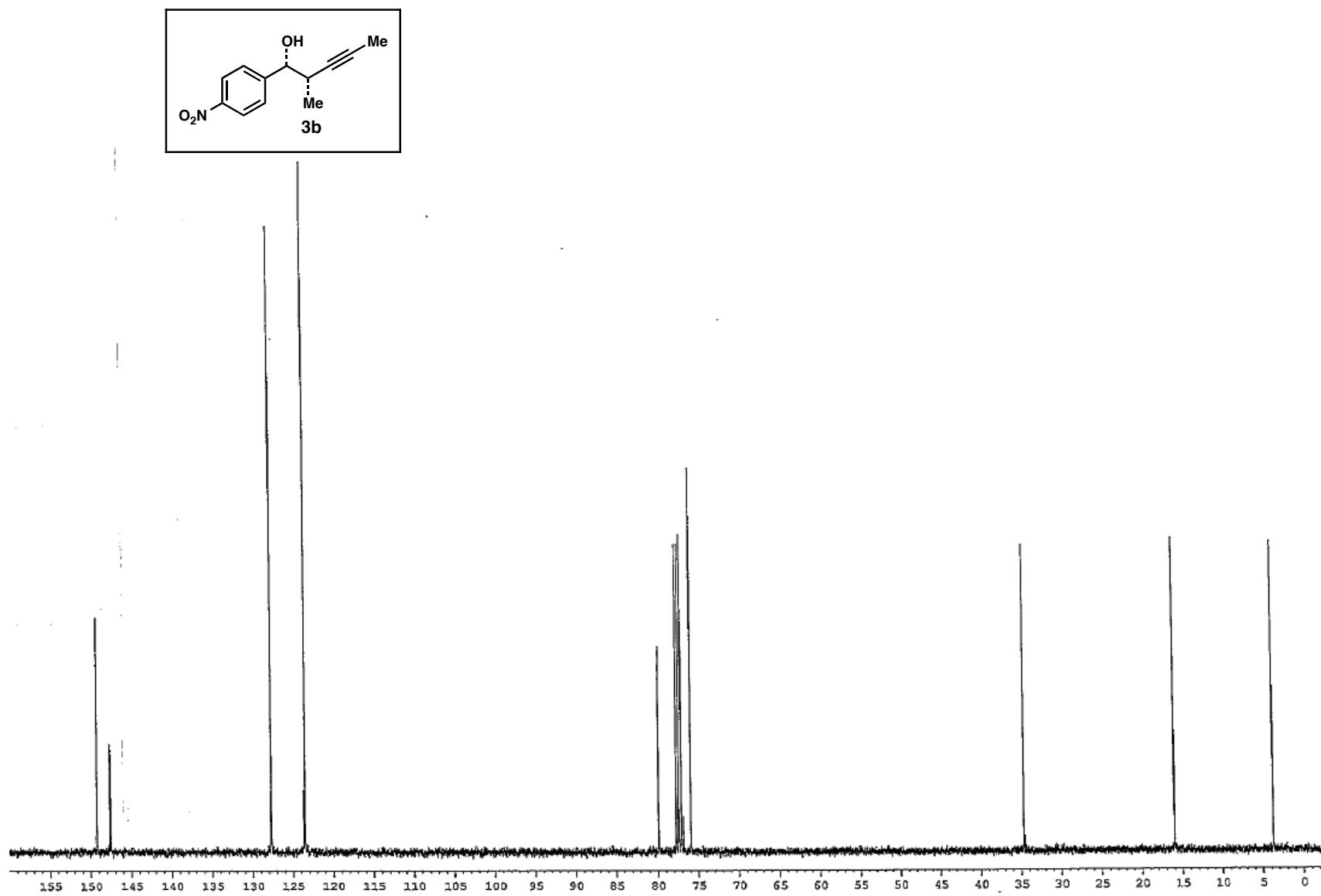
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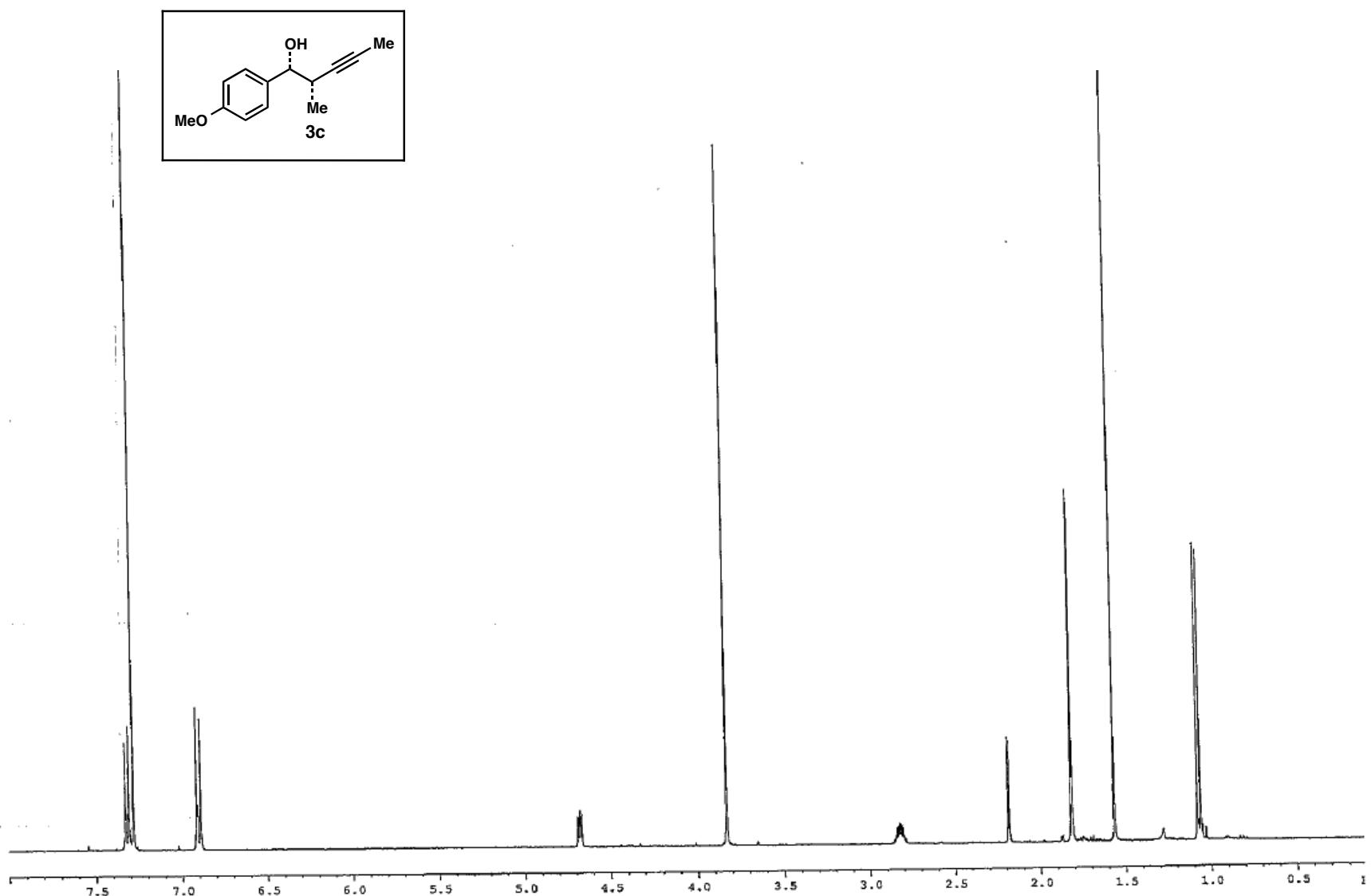
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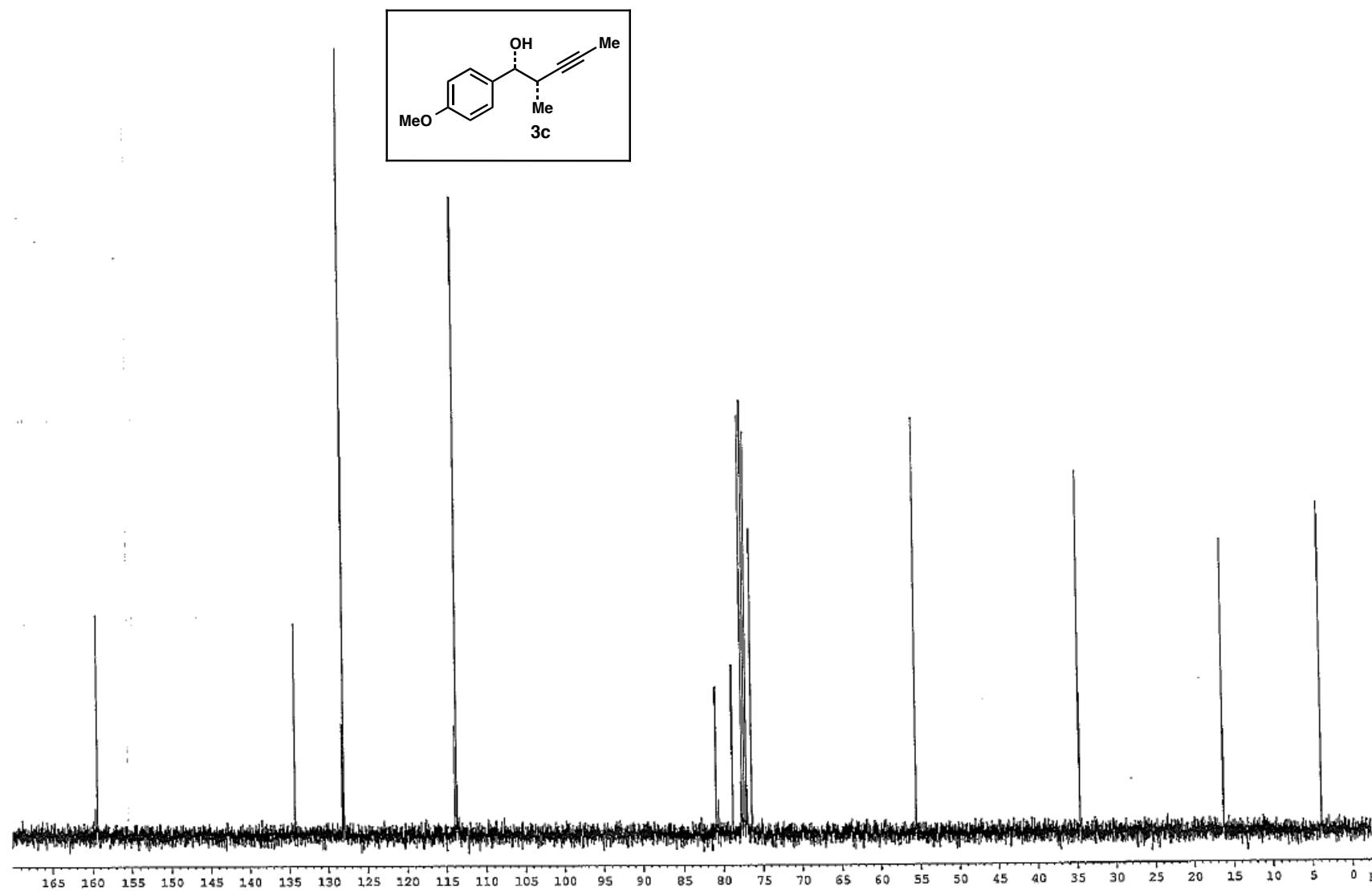
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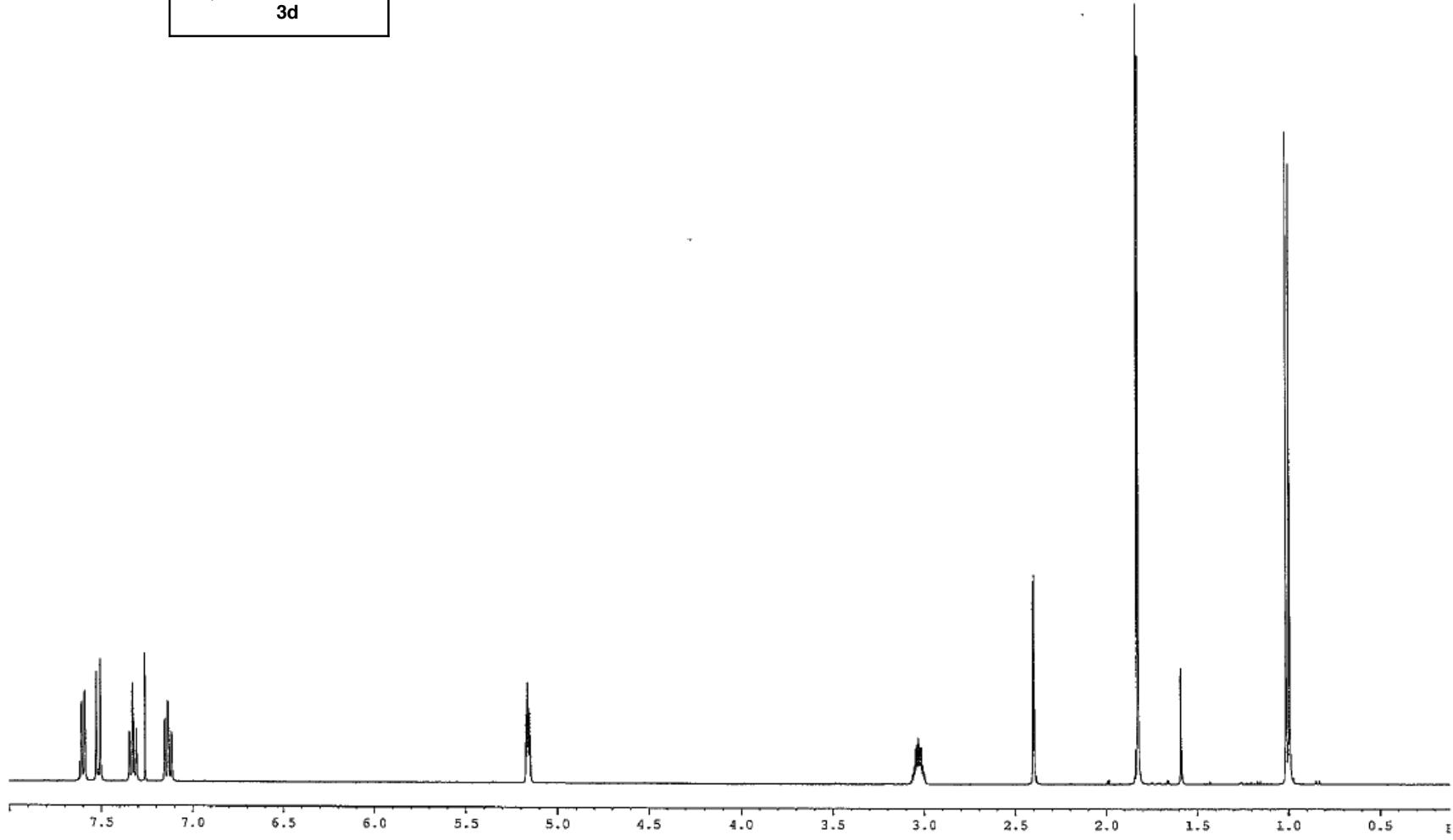
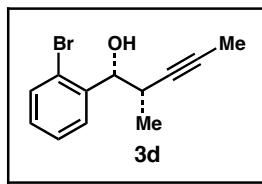
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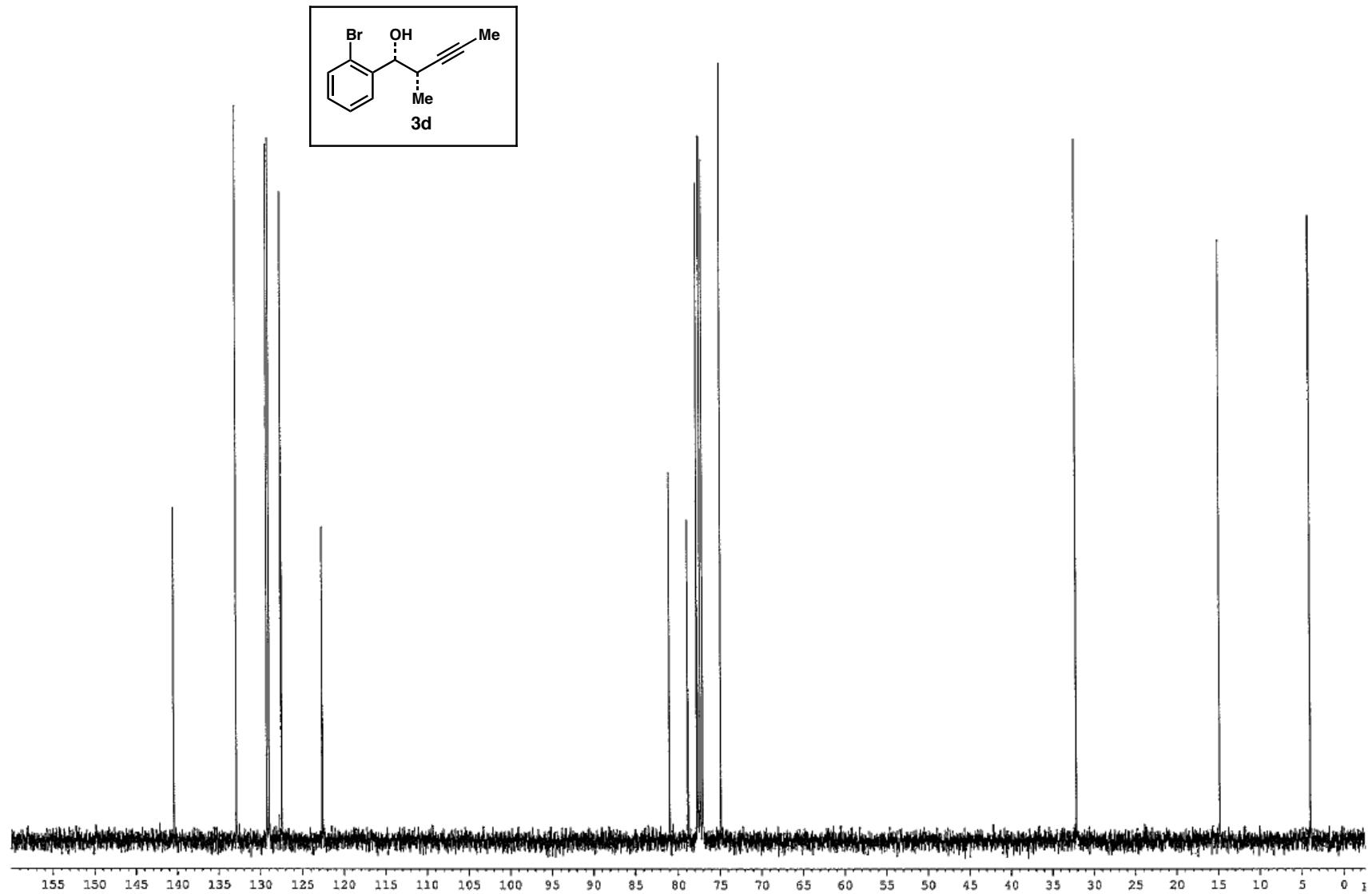
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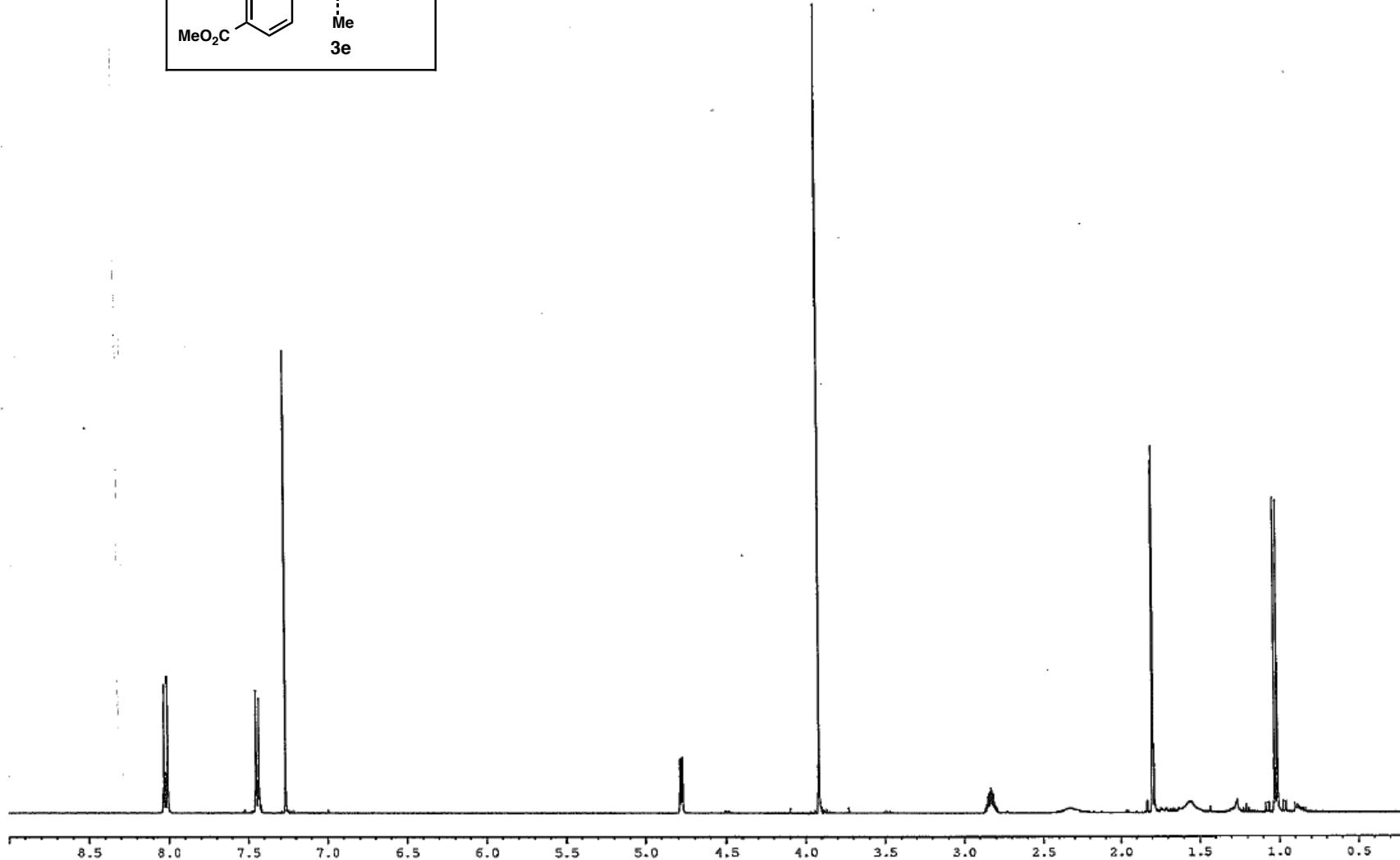
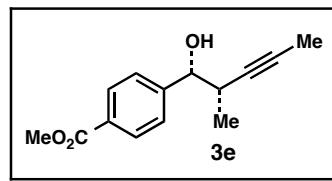
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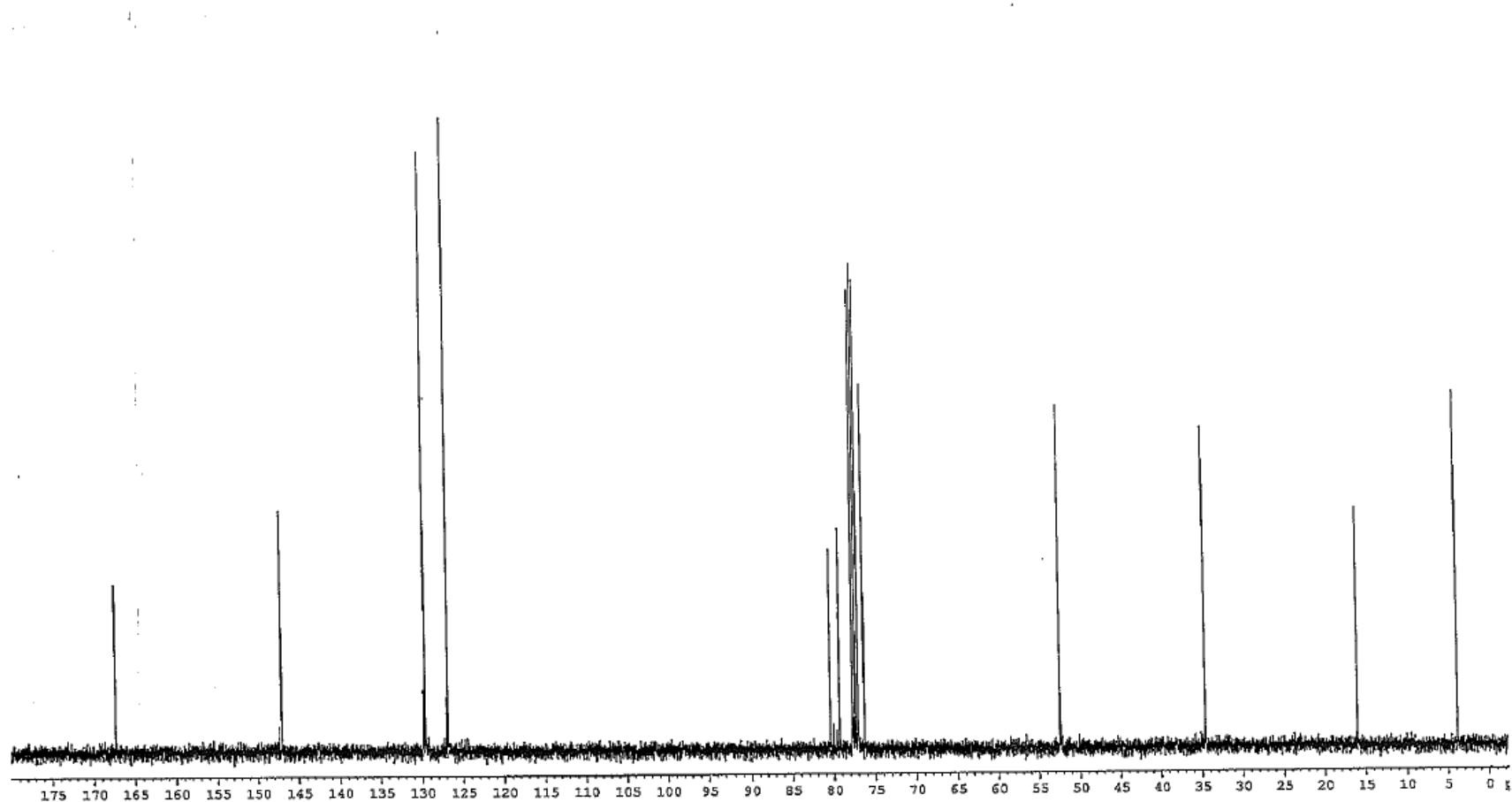
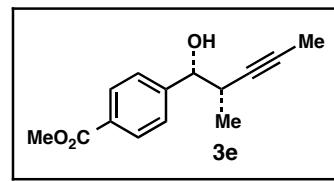
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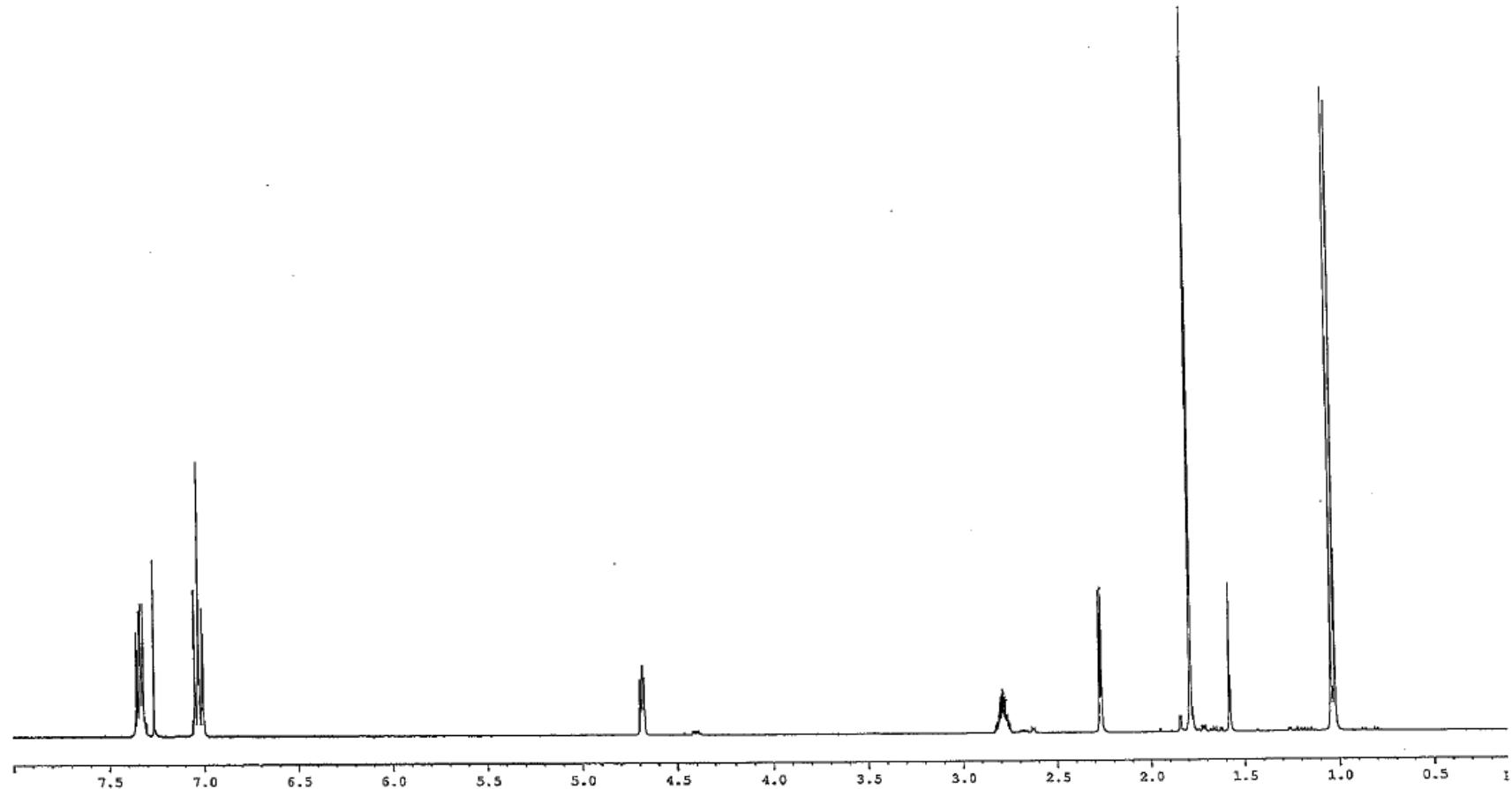
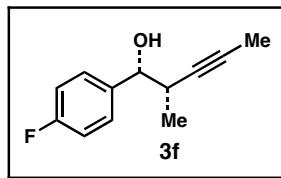
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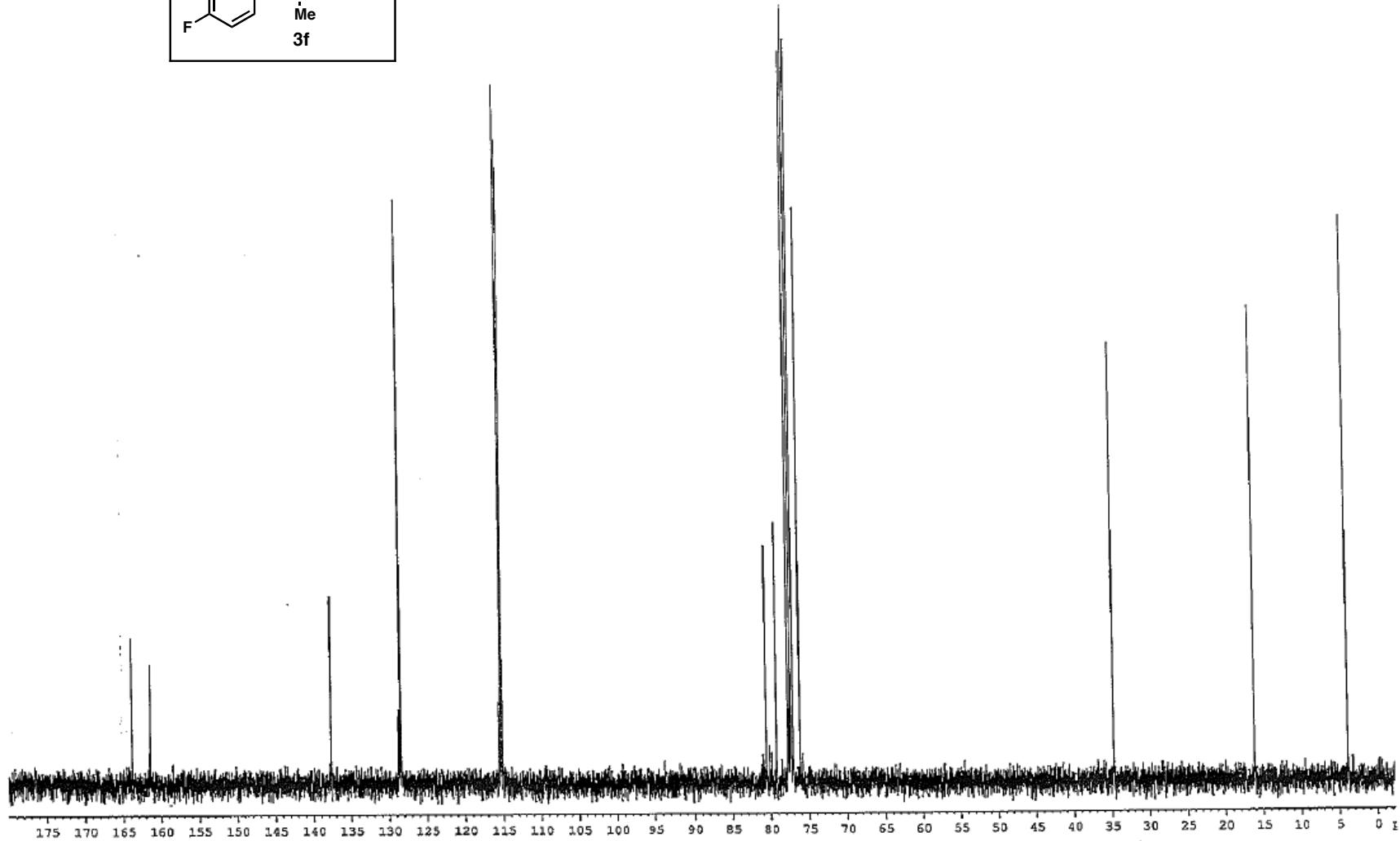
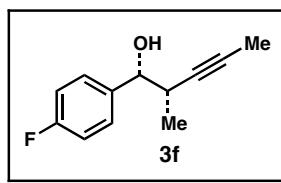
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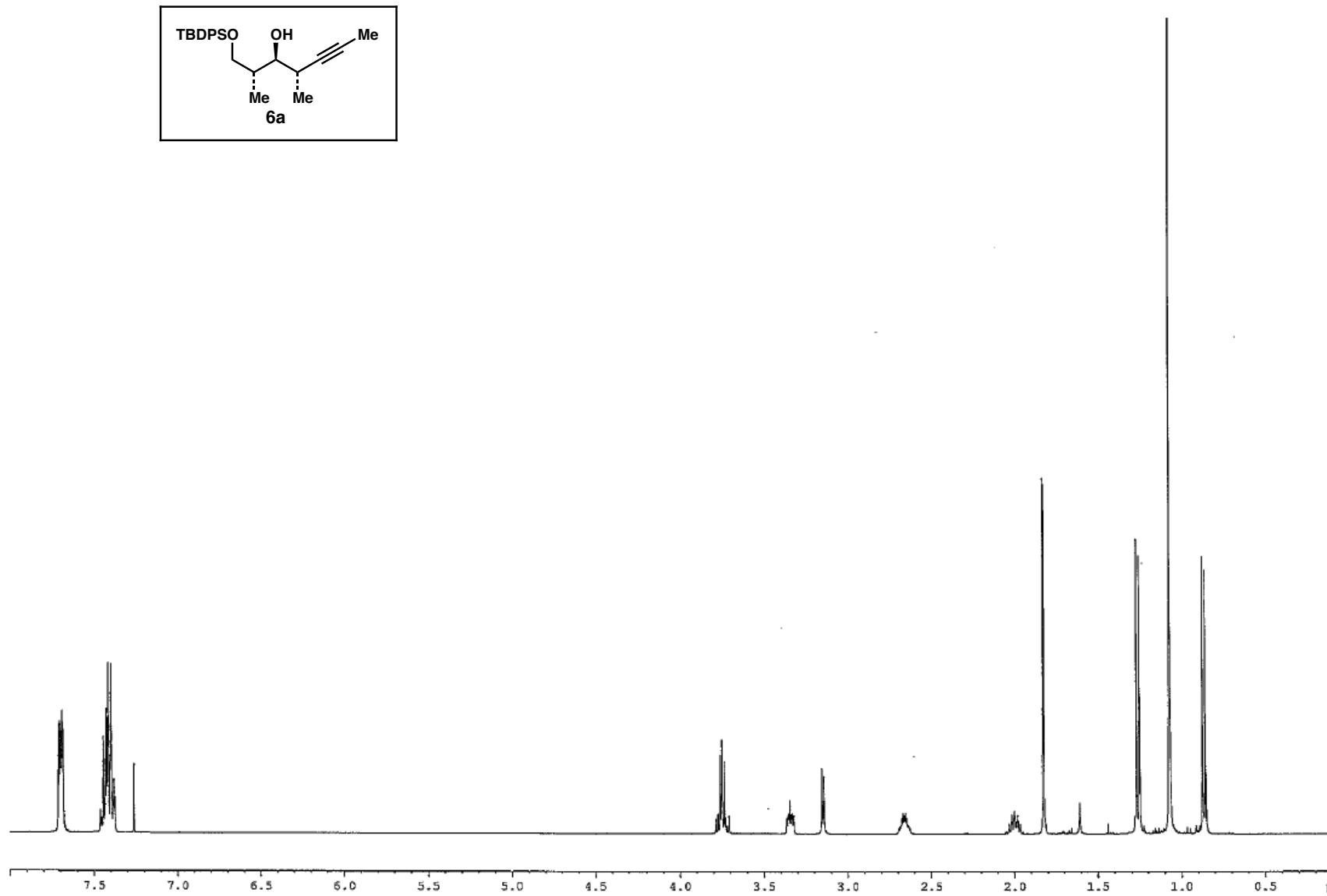
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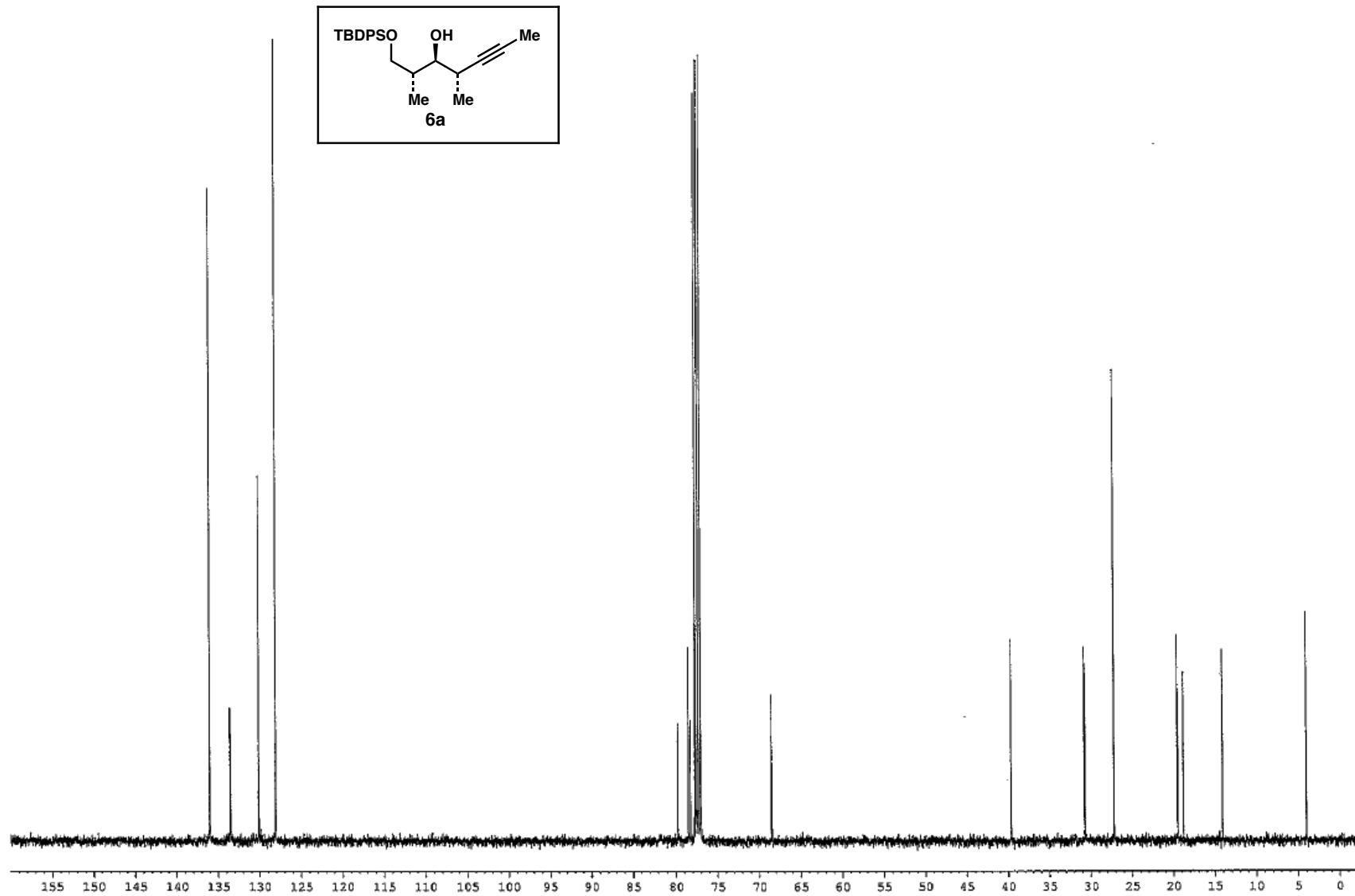
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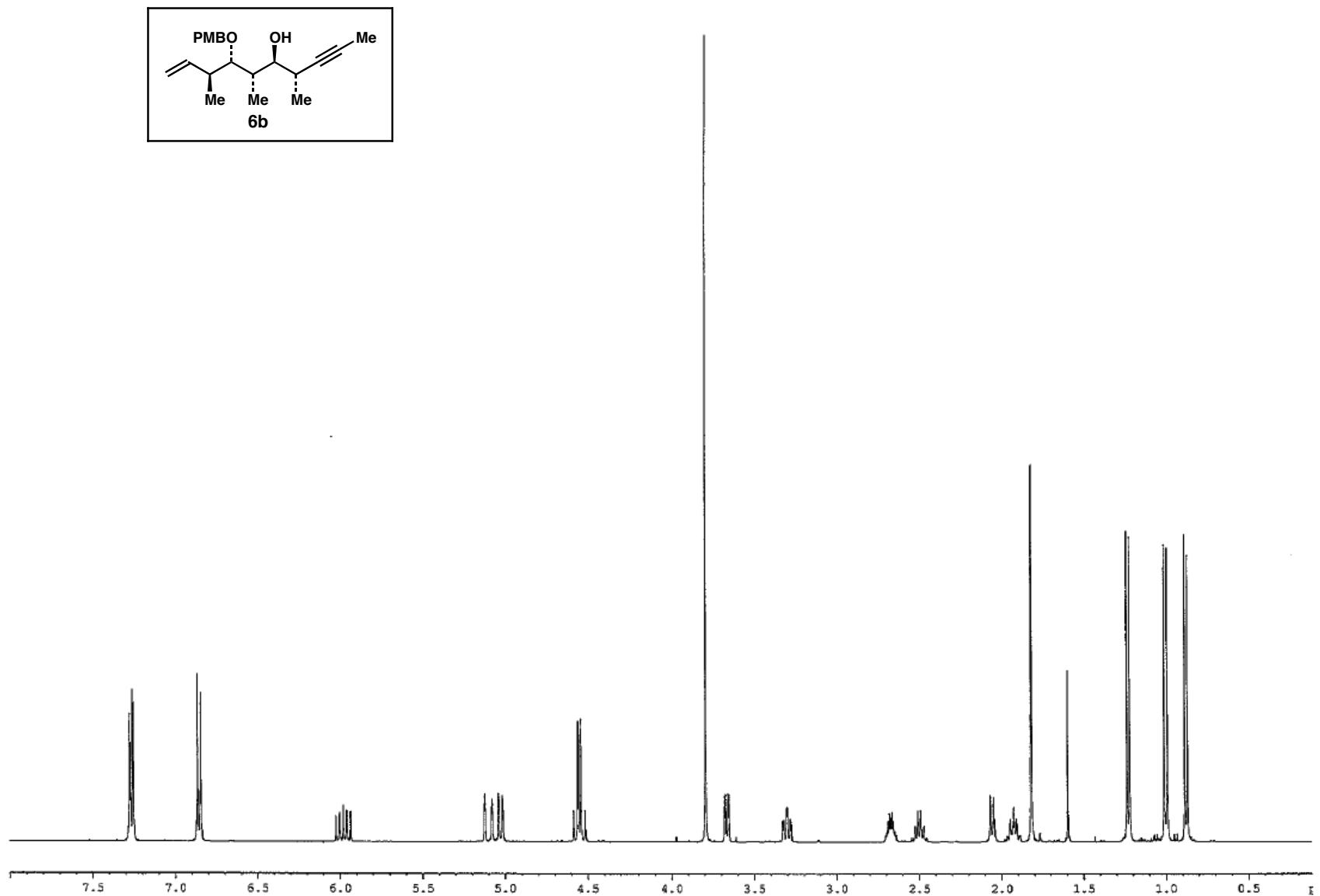
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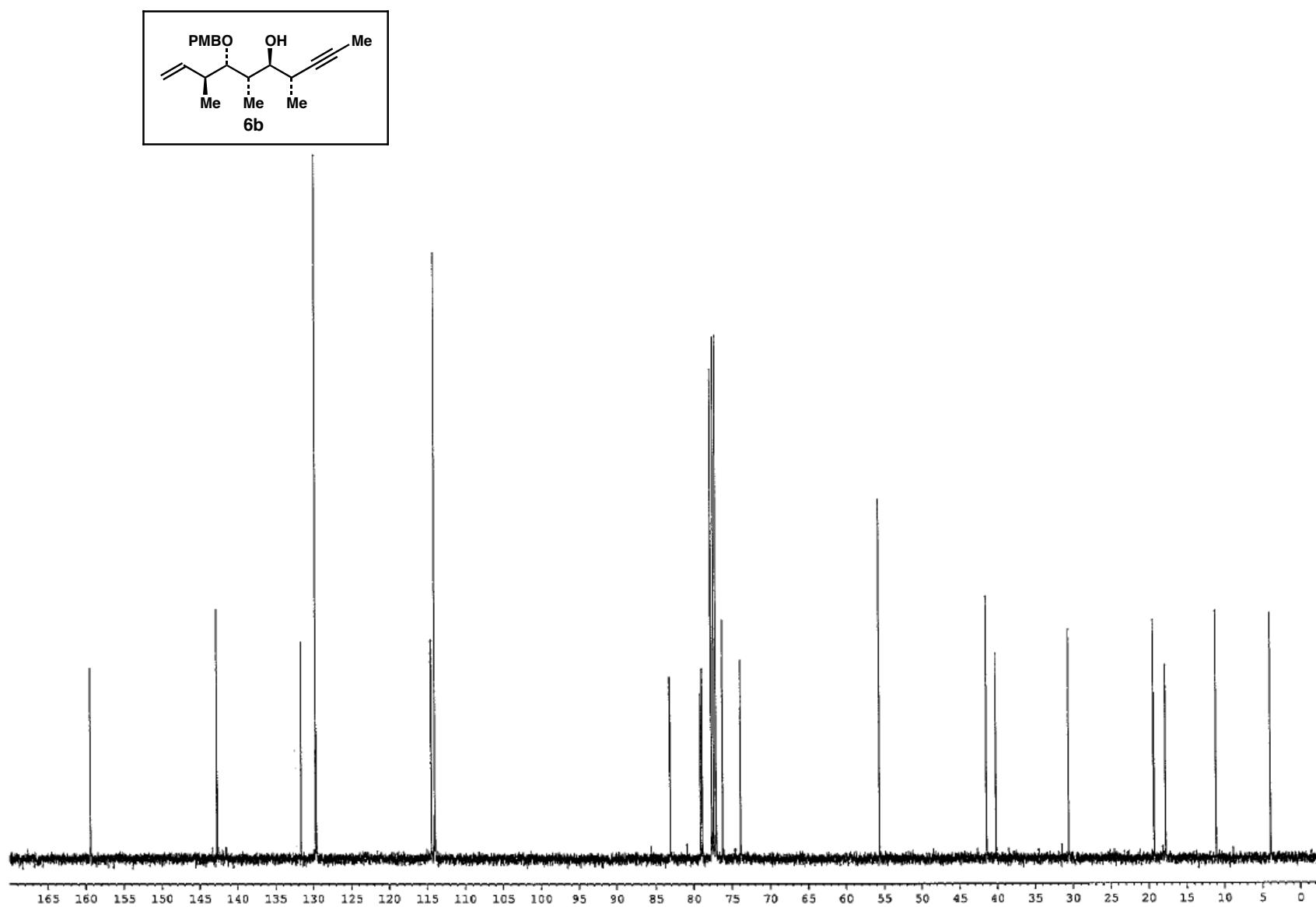
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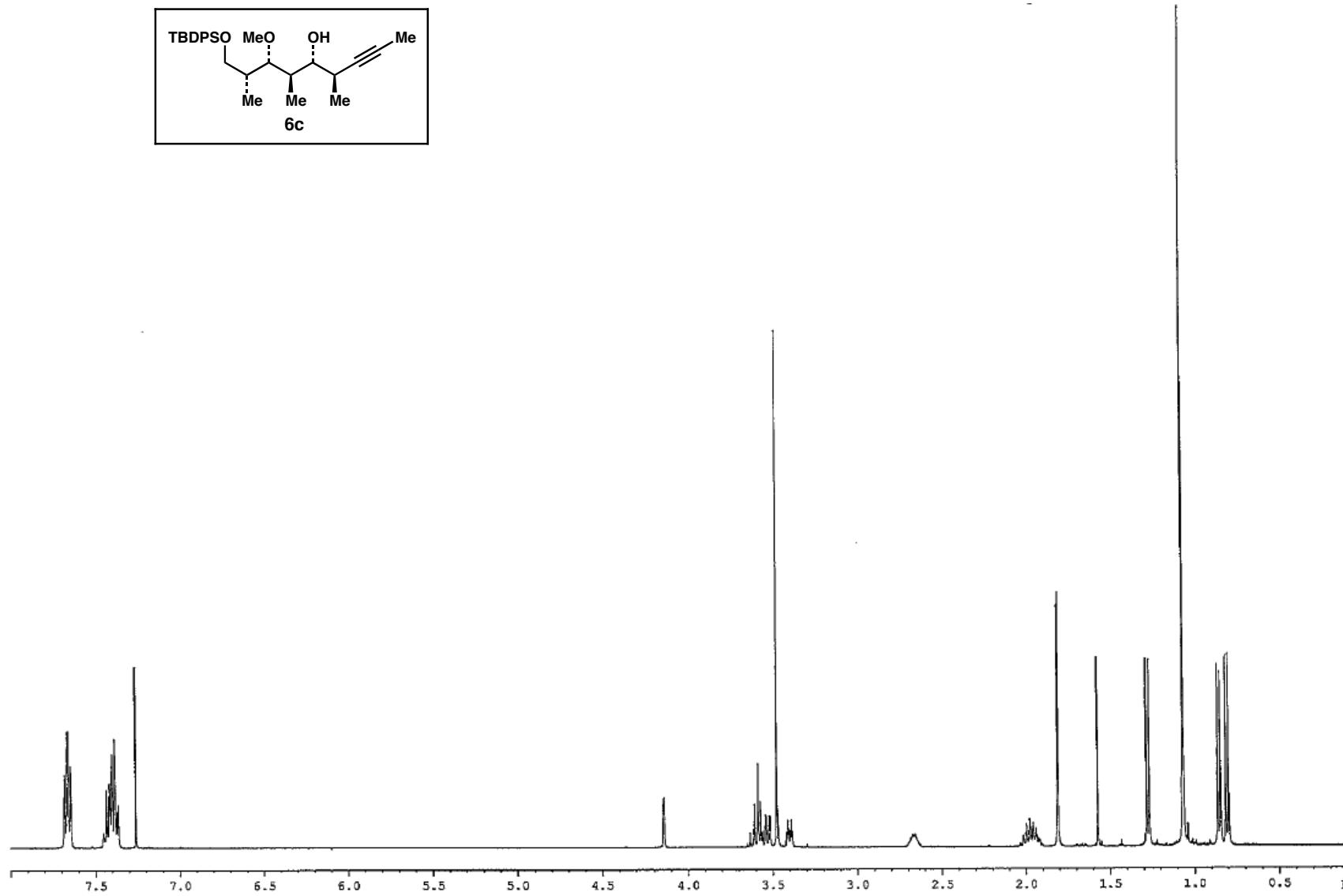
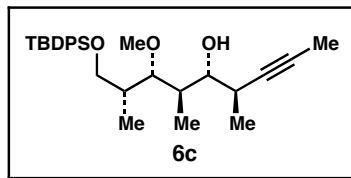
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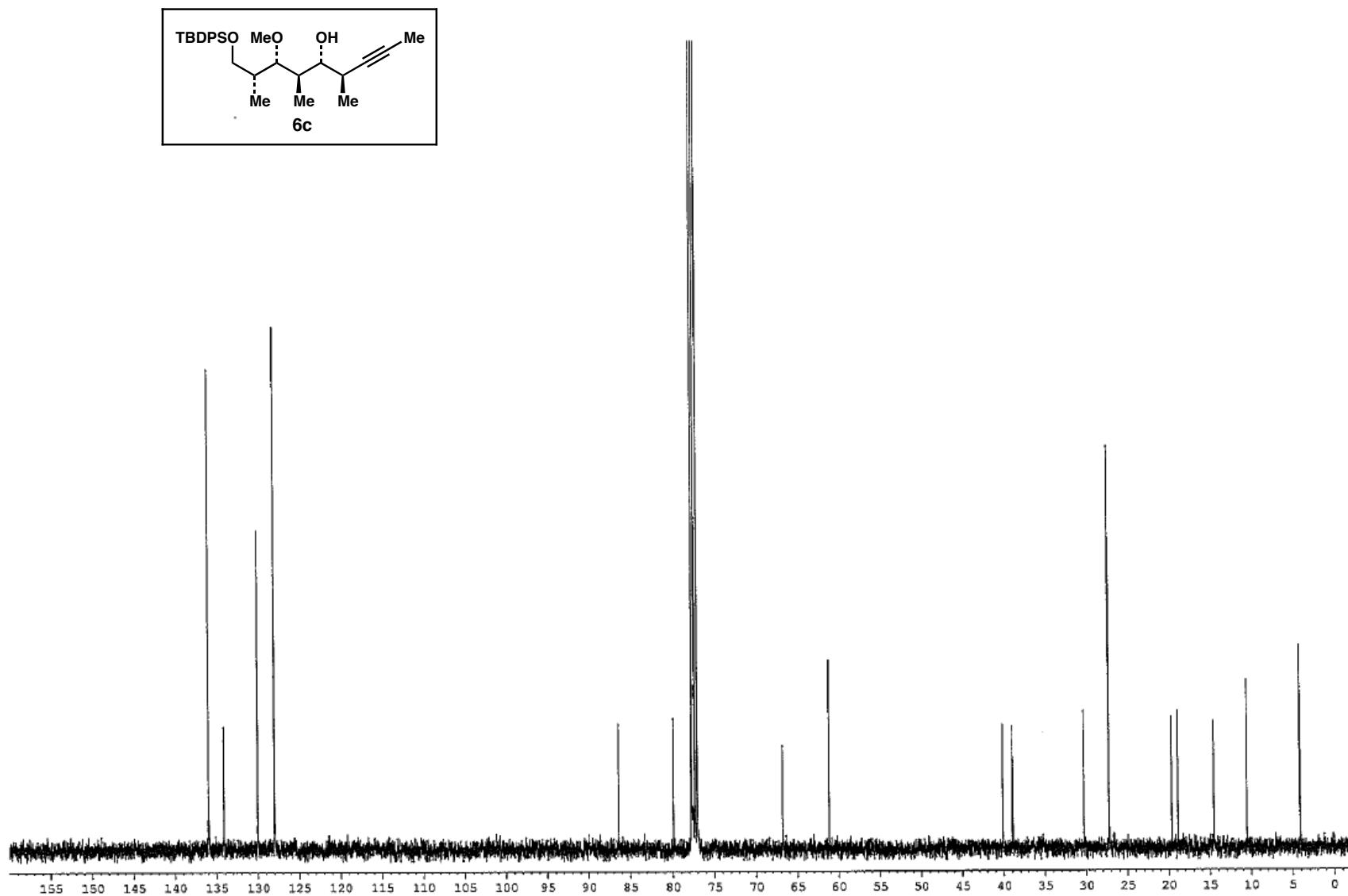
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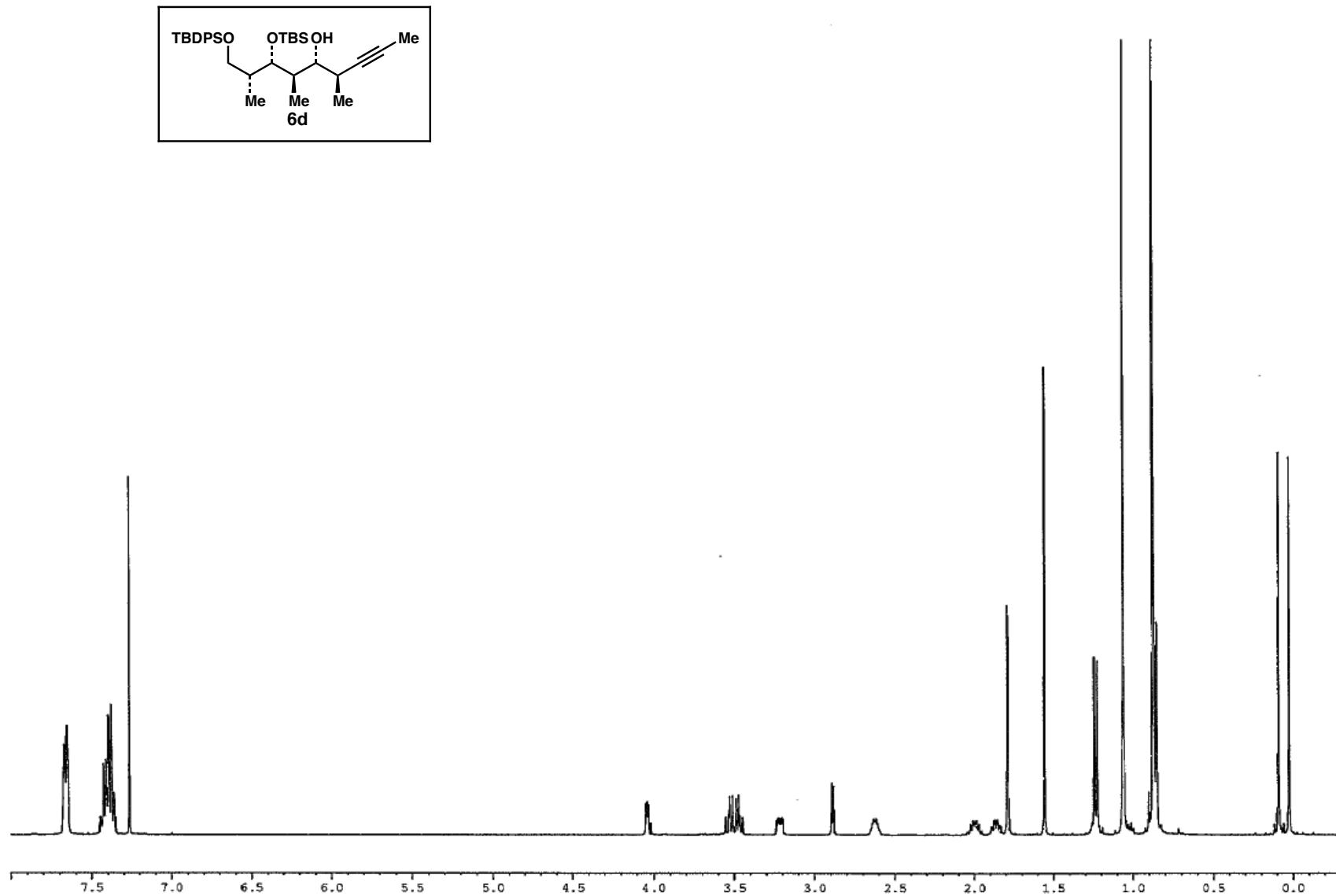
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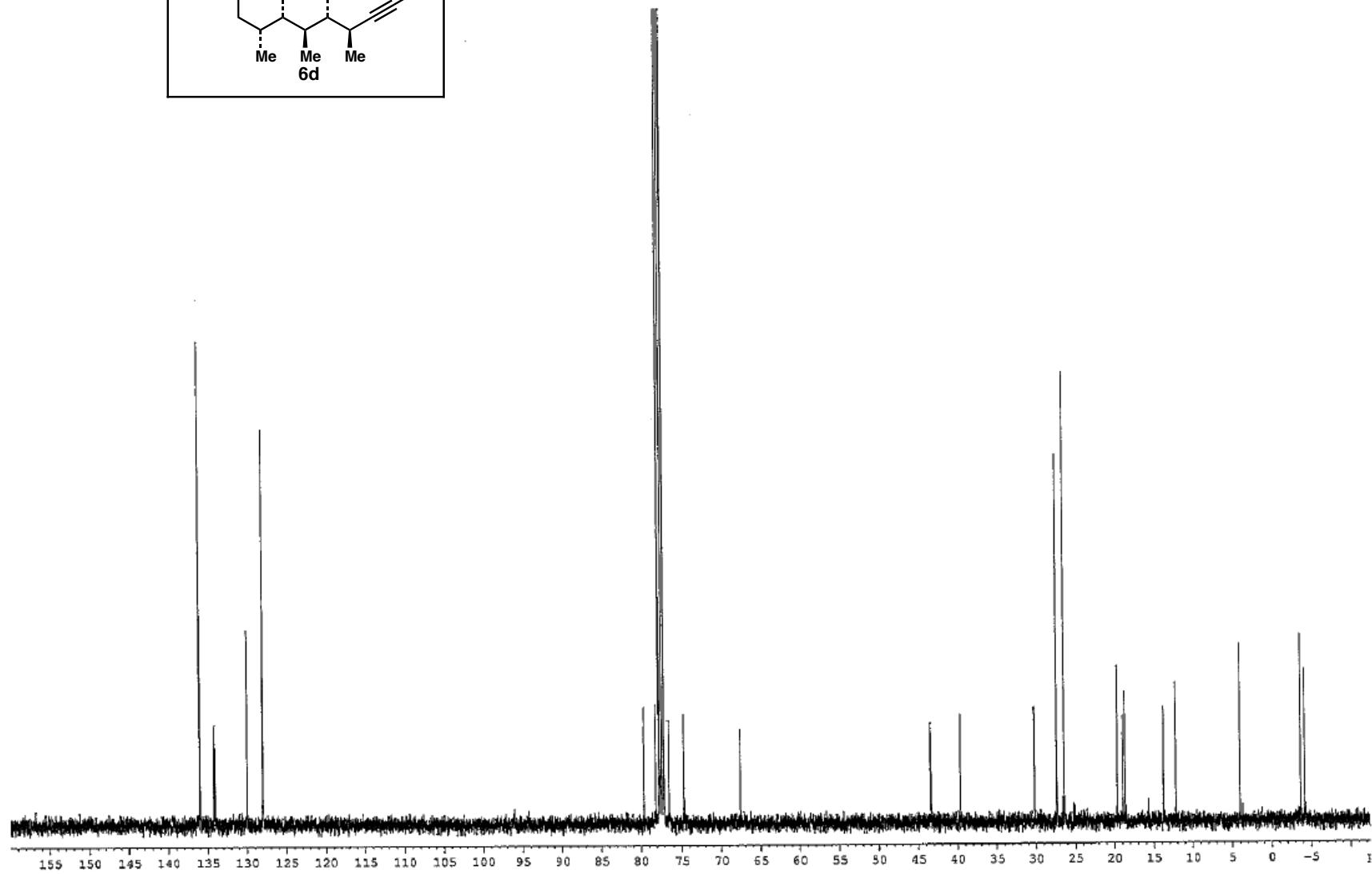
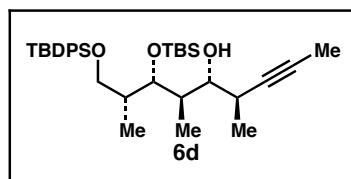
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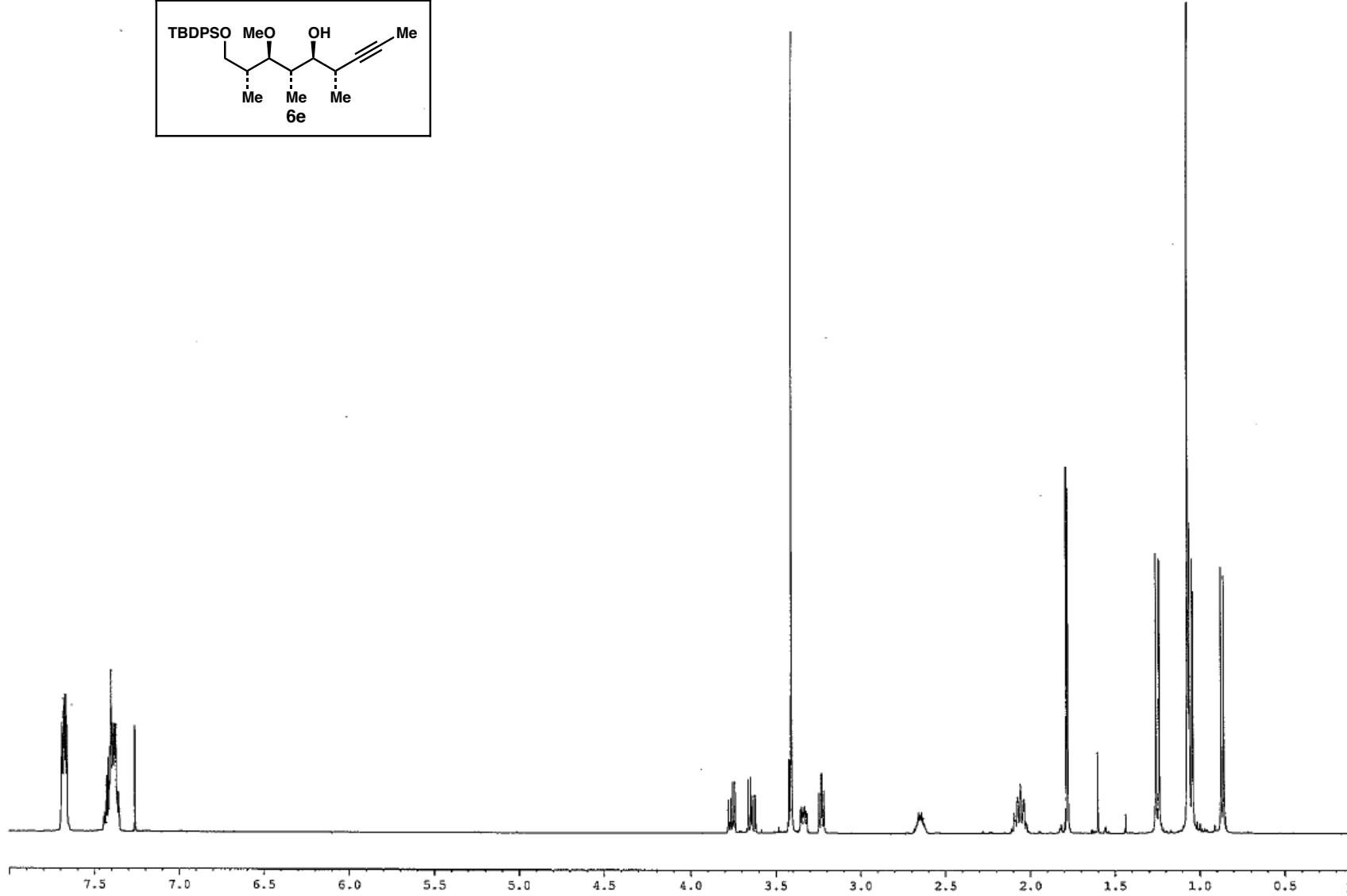
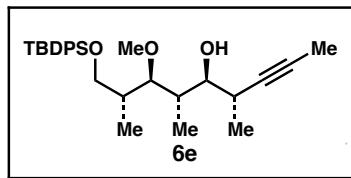
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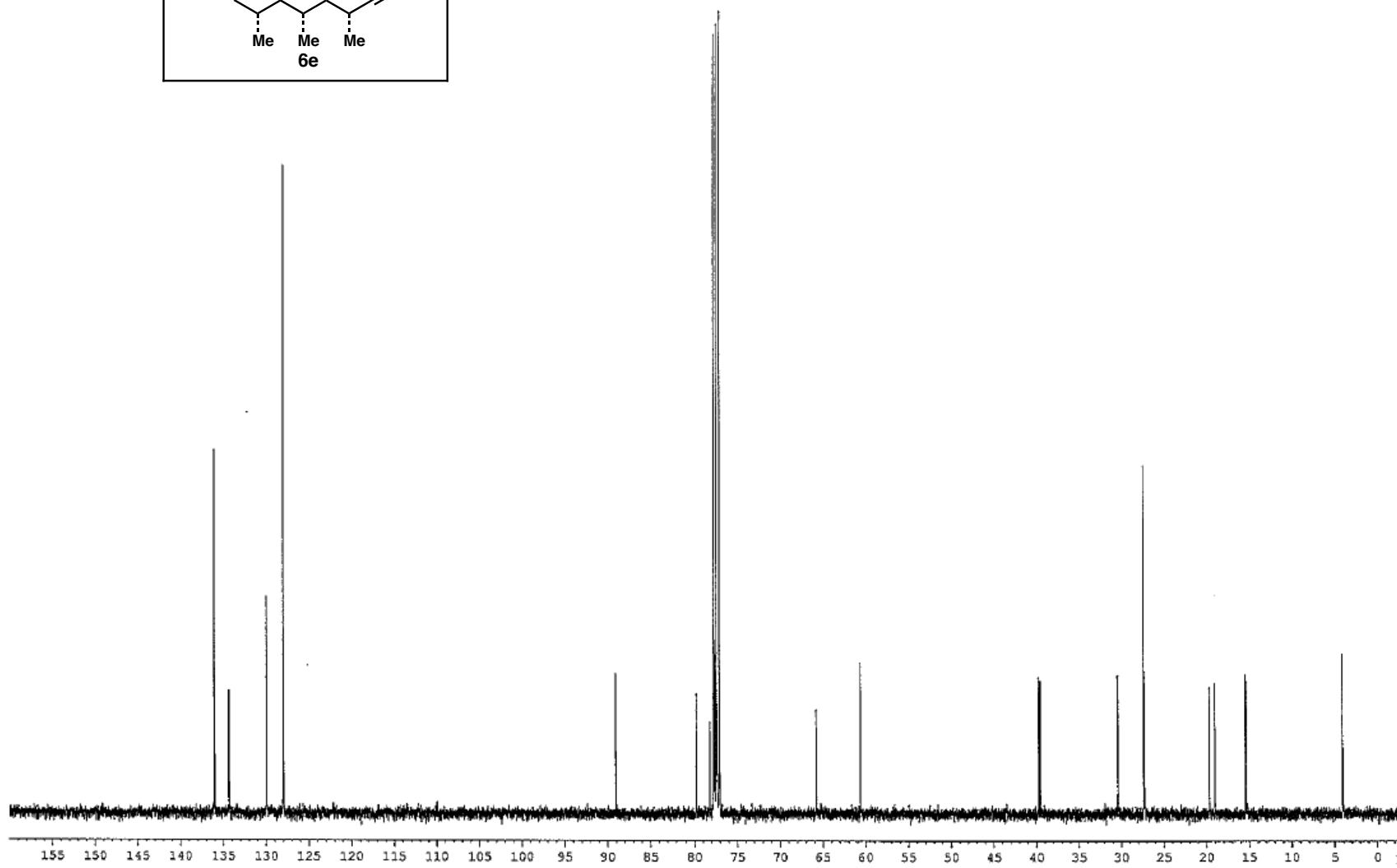
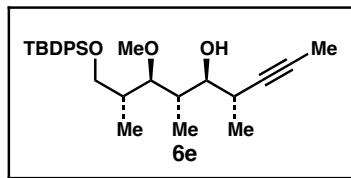
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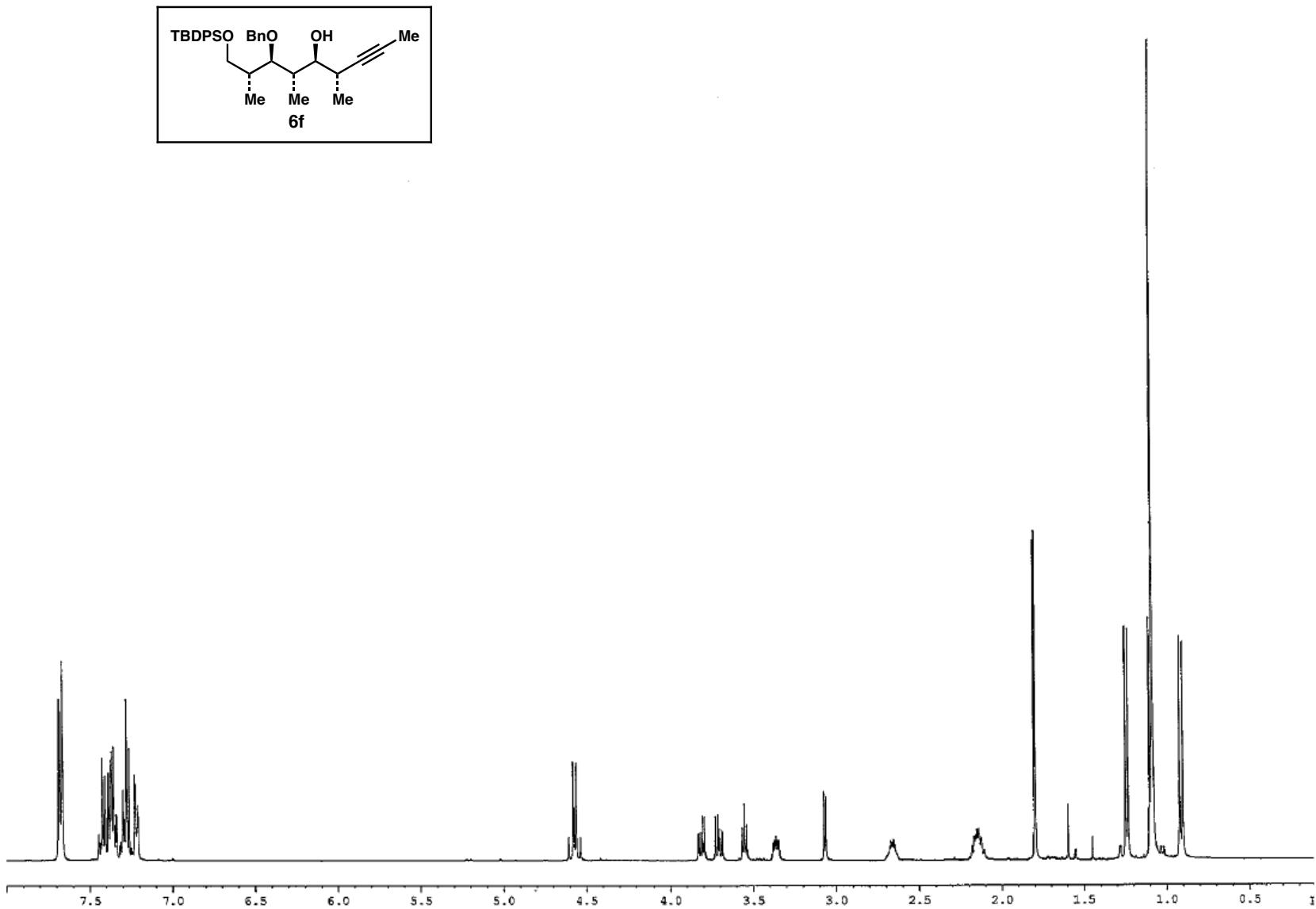
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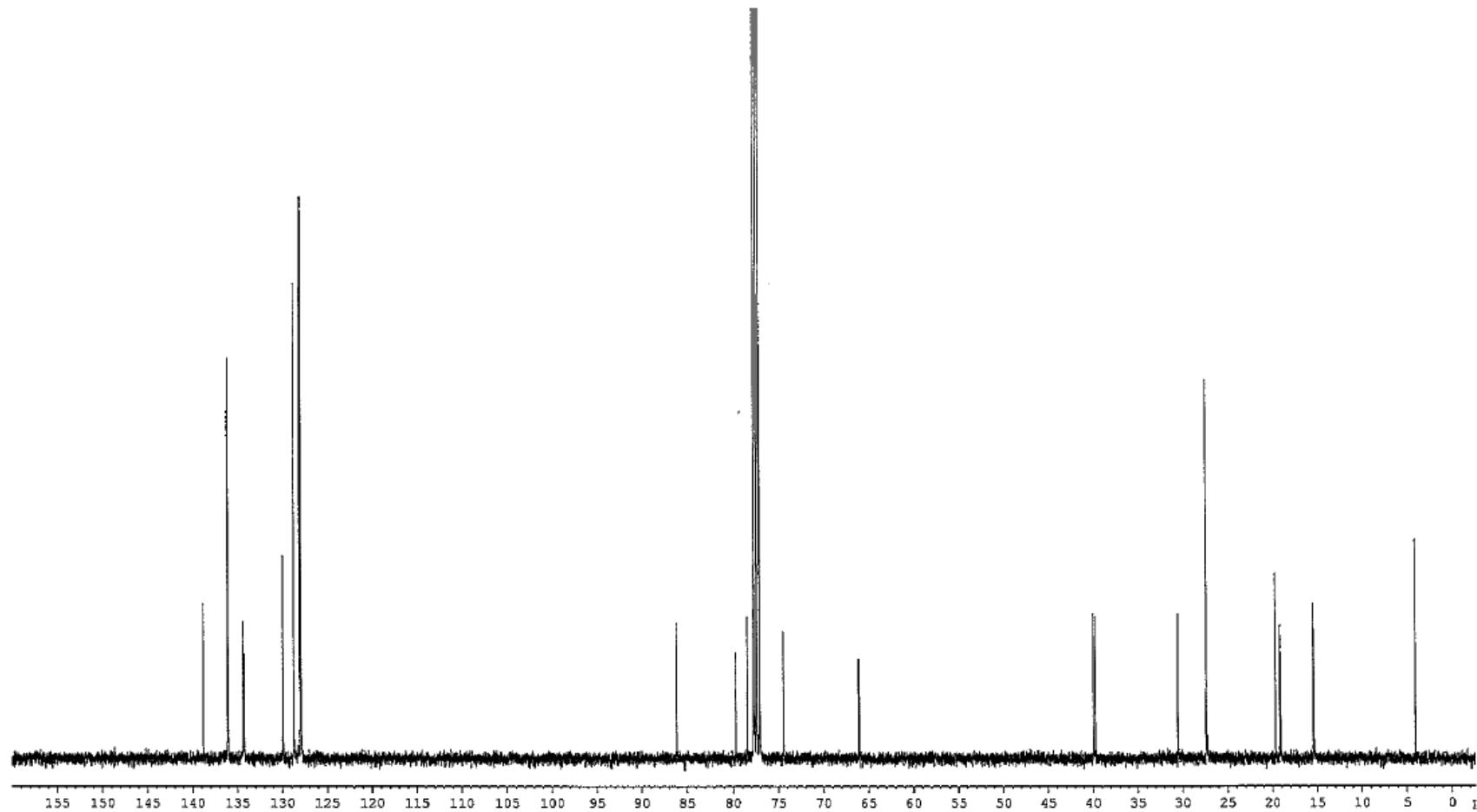
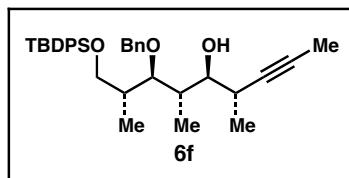
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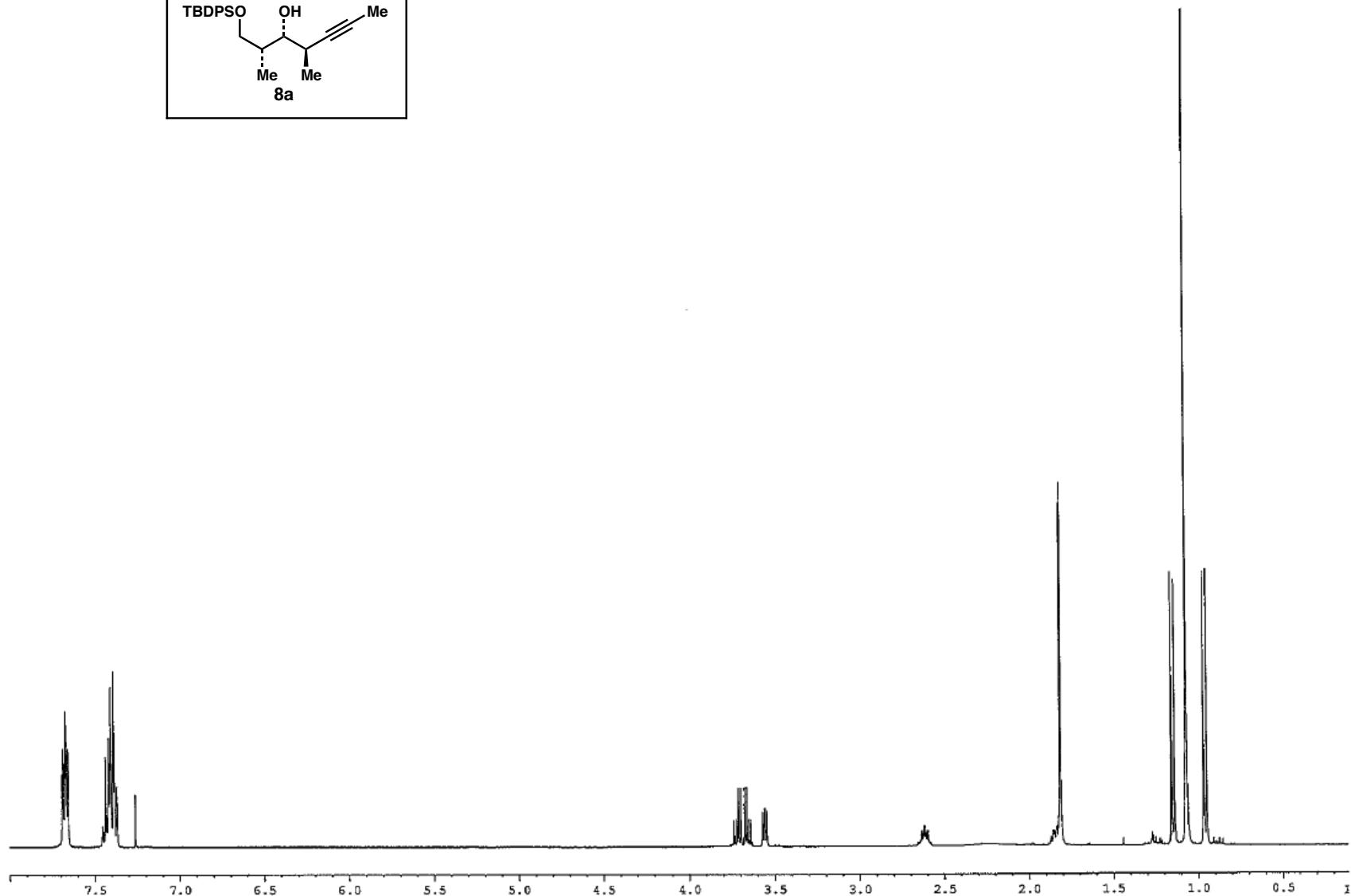
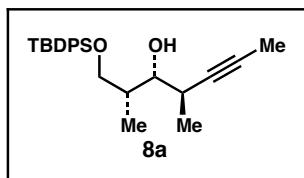
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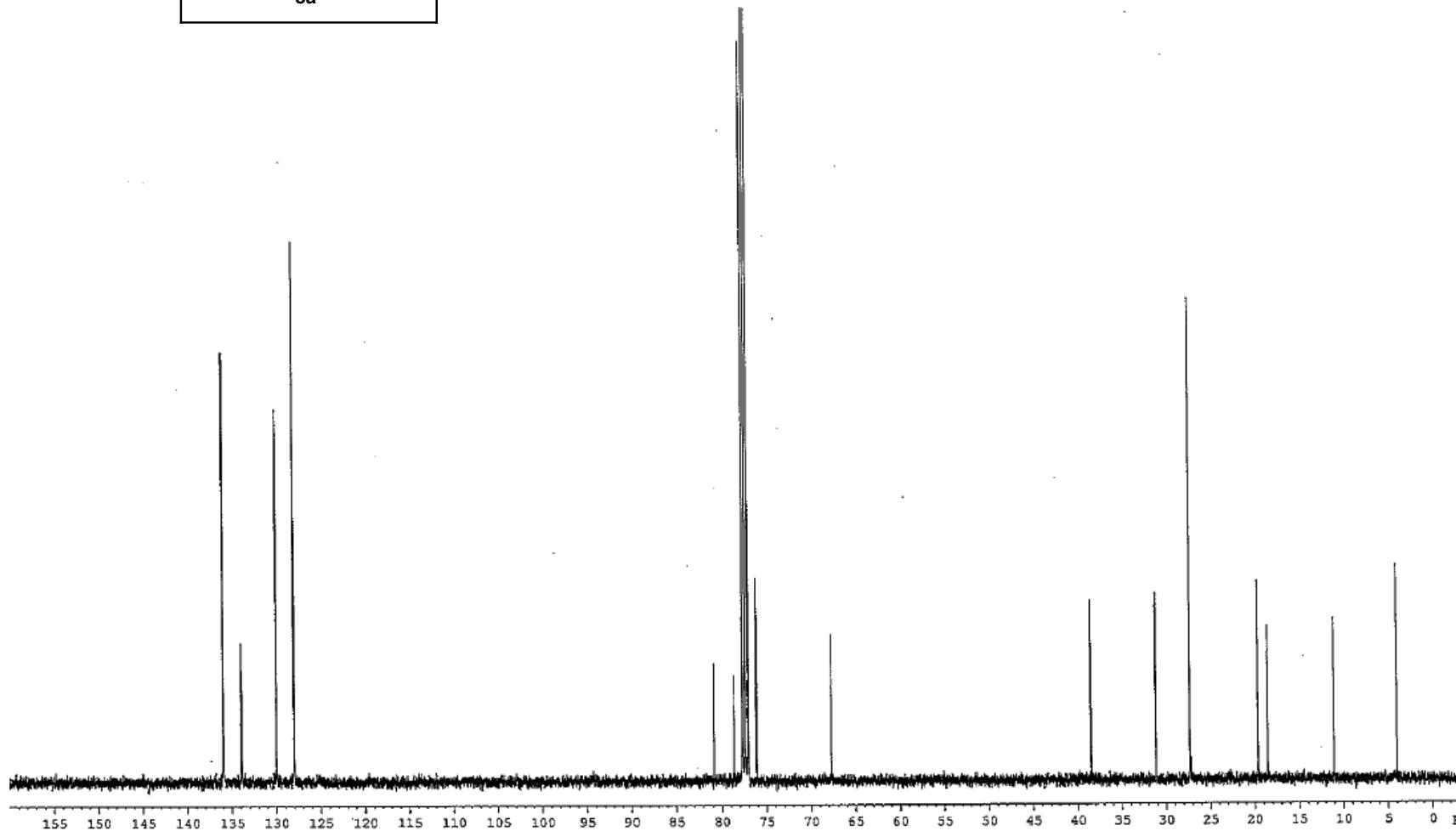
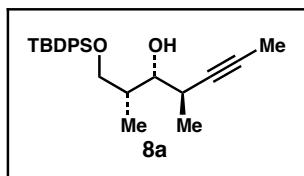
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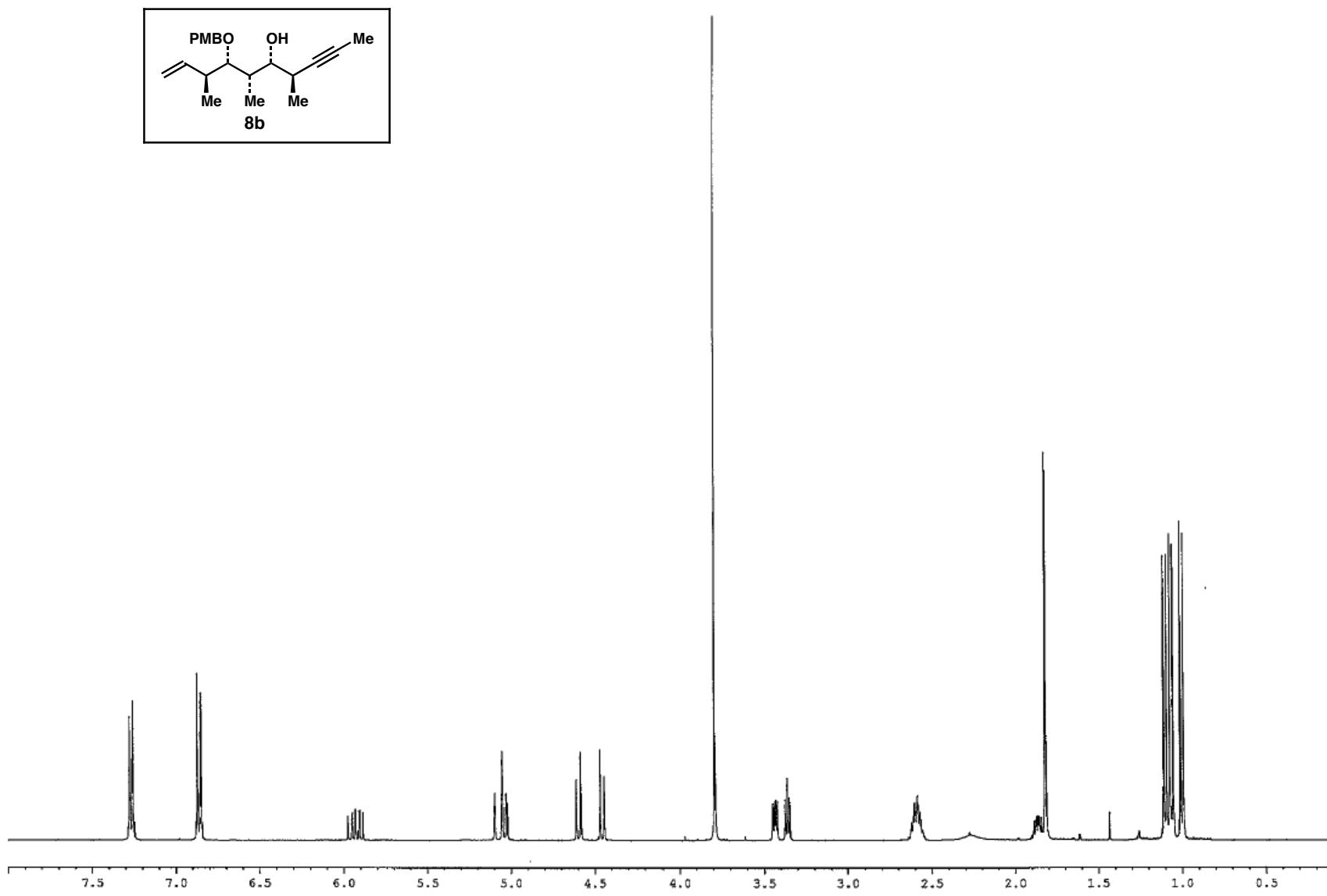
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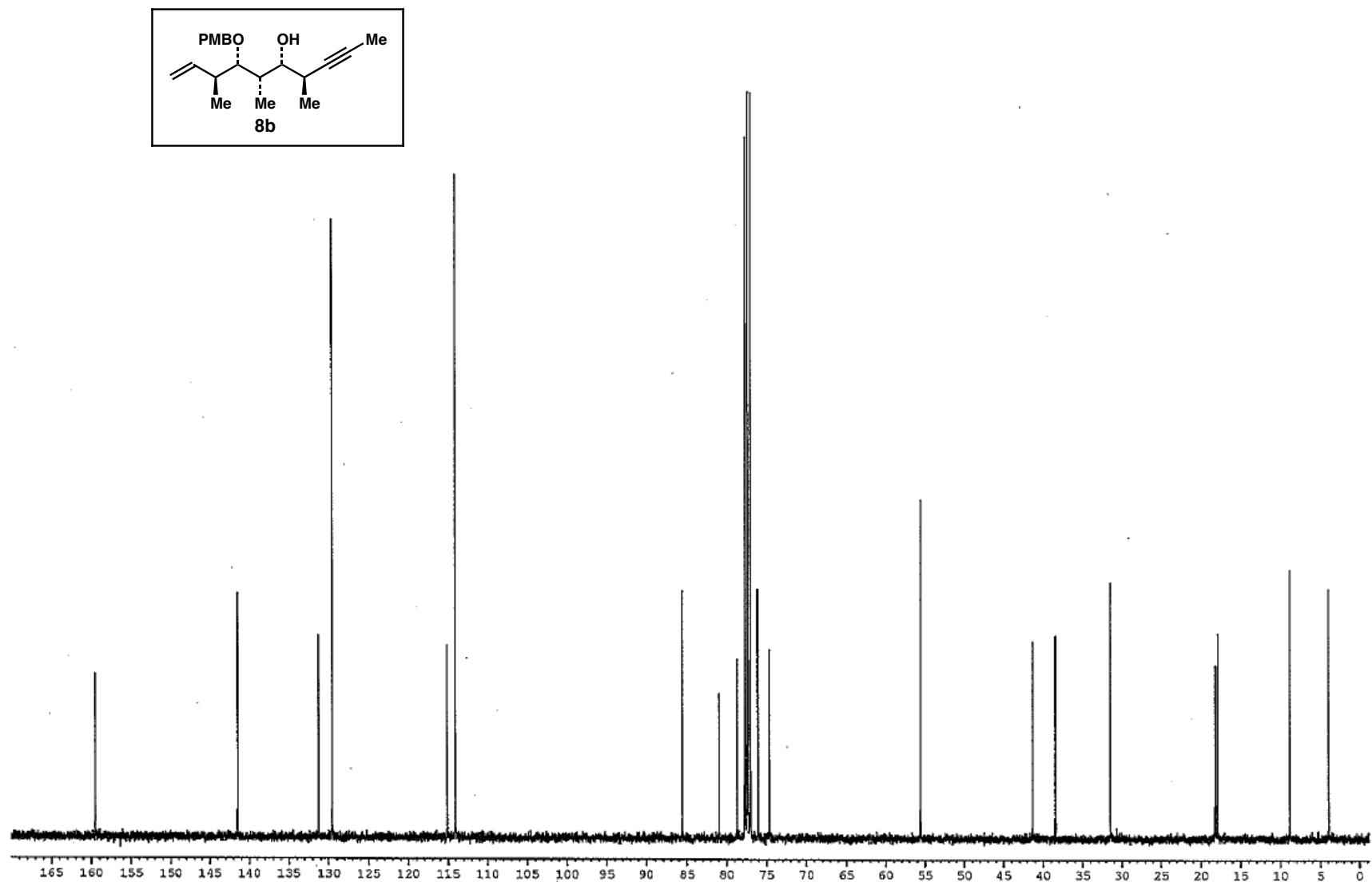
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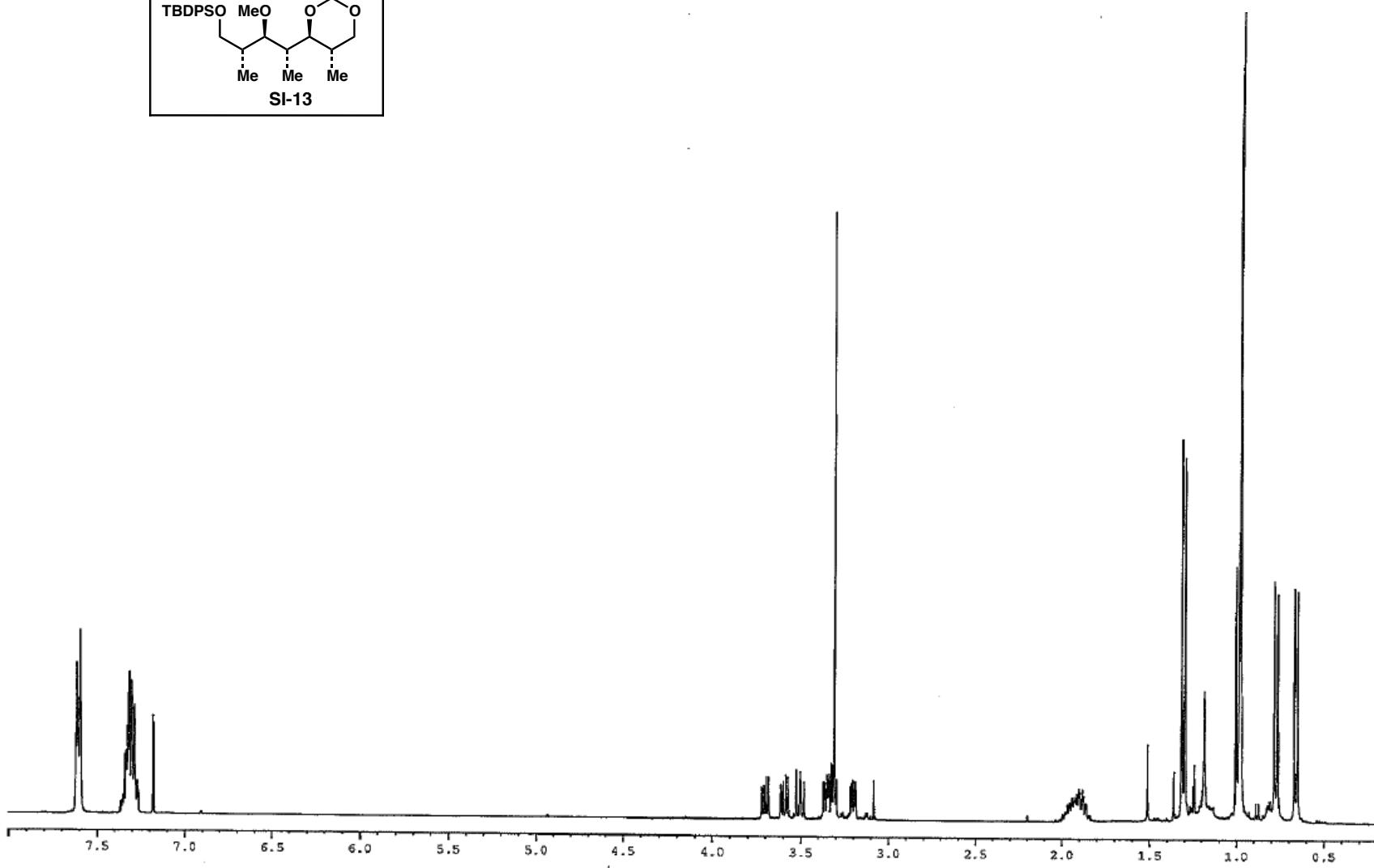
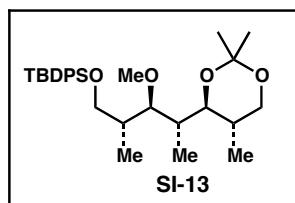
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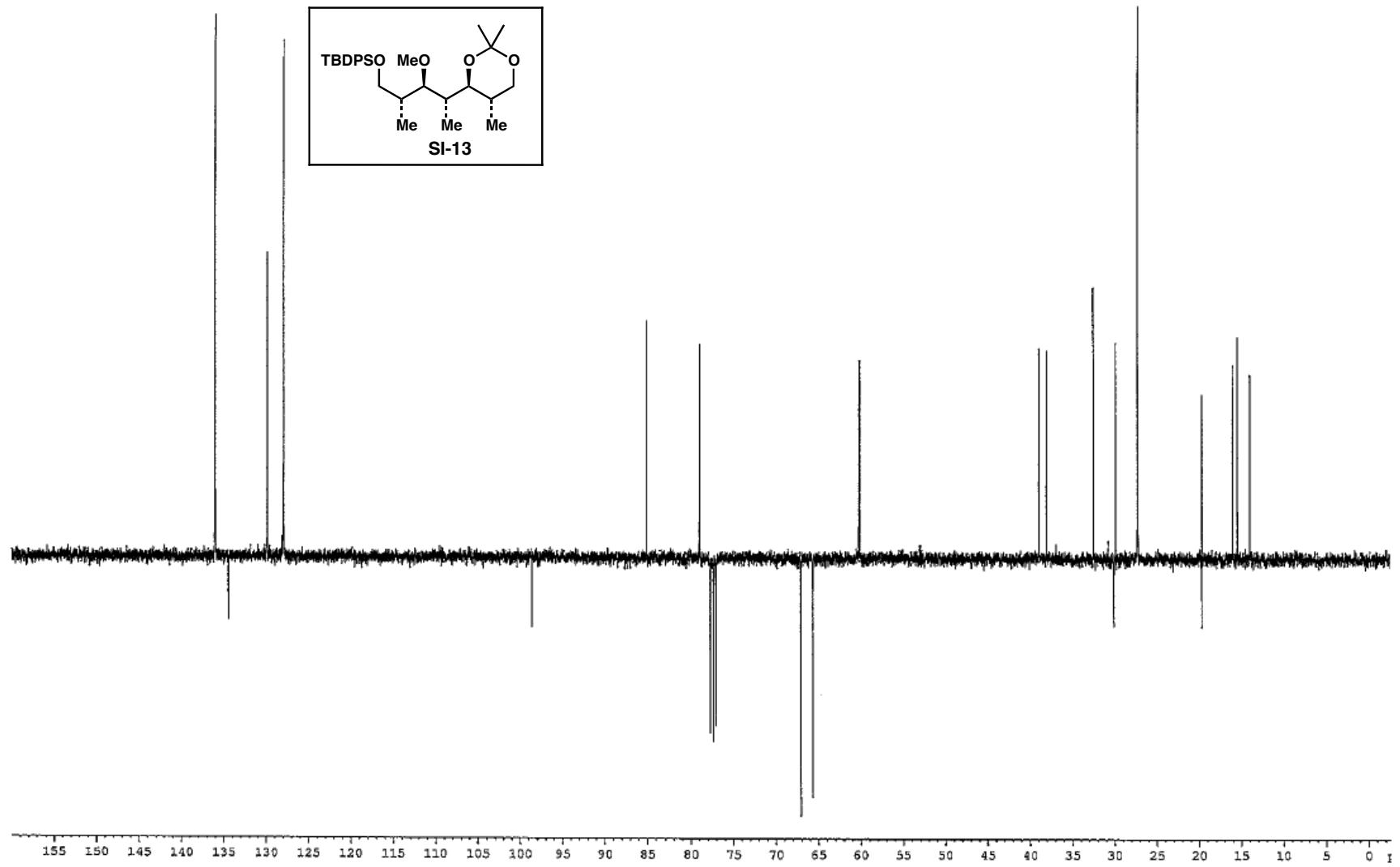
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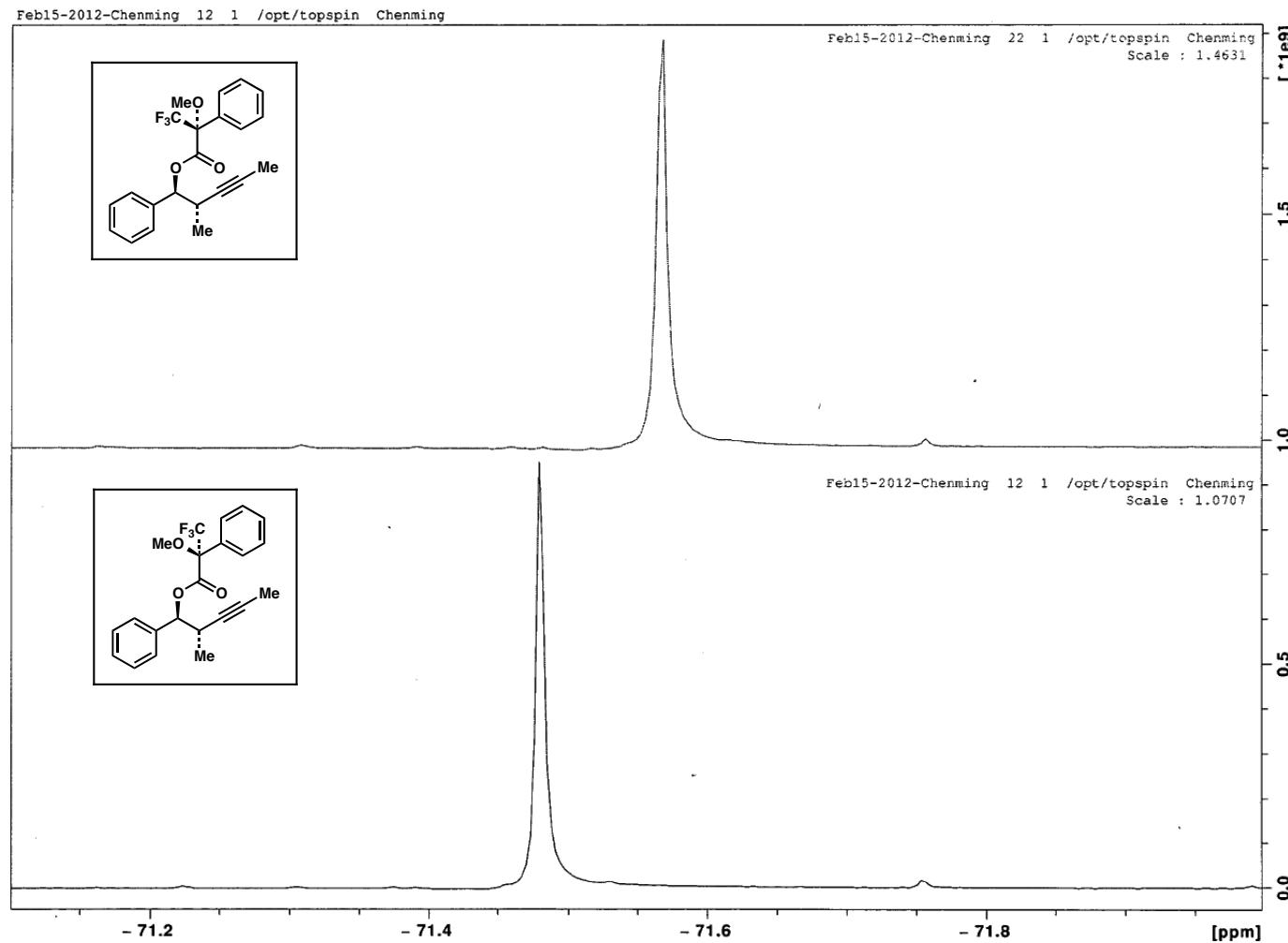


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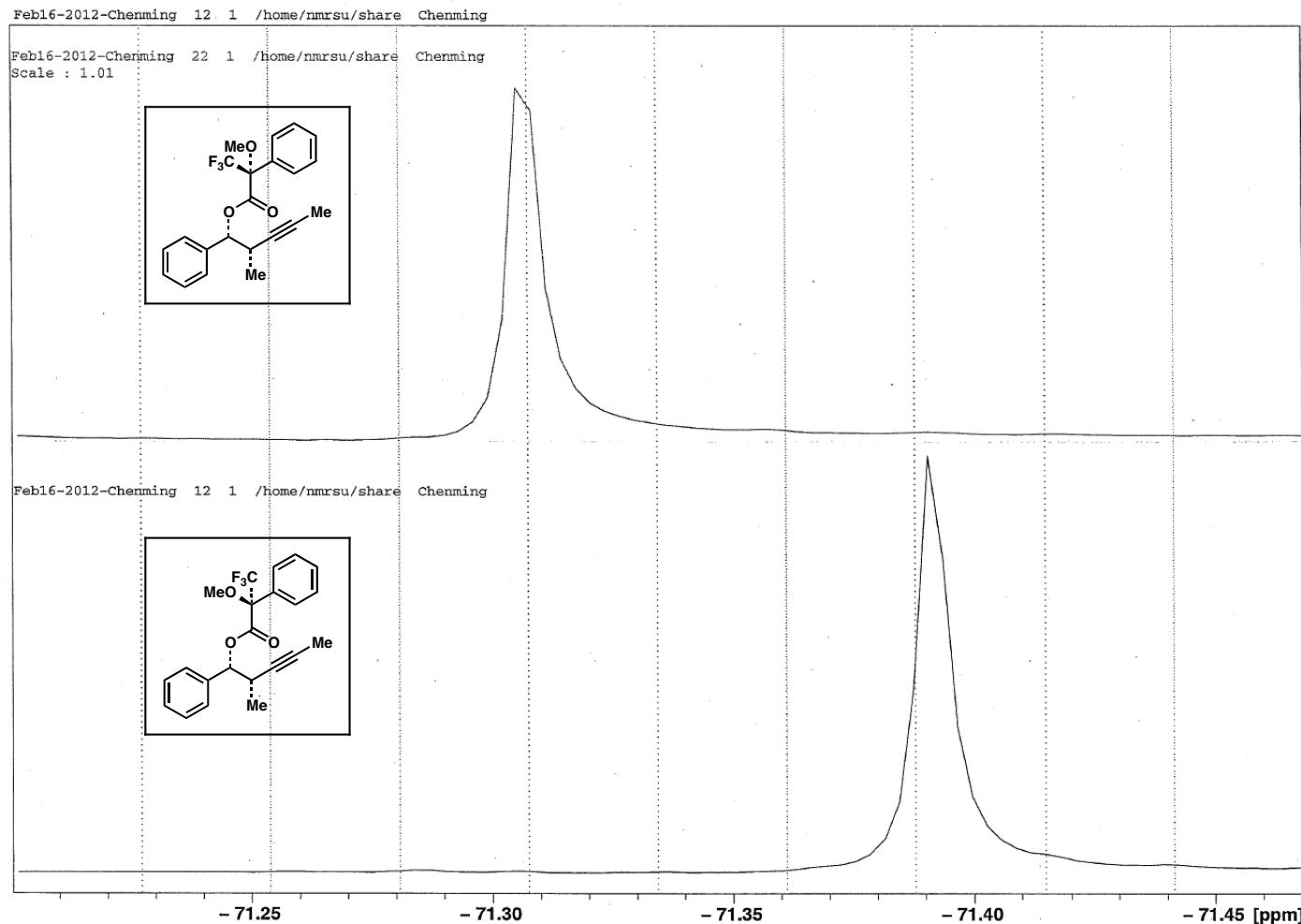


SI-II-51

^{19}F Spectra of the Mosher Esters of **2a**



^{19}F Spectra of the Mosher Esters of 3a



^{19}F Spectra of the Mosher Esters of **3c**

