Supplementary Material (ESI) for Chemical Communications

Supporting Information

General procedure

Stage 1
A solution of silacycle (0.35g, 1.1mmol) in dichloromethane (35ml) was treated with benzaldehyde dimethylacetal (0.3ml, 2.2mmol) and cooled to 0 ^{0}C. The solution was then treated with $BF_3.Et_2O$ ([0.5M] in DCM, 2.2ml, 1.1mmol) and reacted over 5h. The reaction mixture was then poured into NH_4Cl and extracted with dichloromethane (3 x 15ml). The combined organic layers were dried over $MgSO_4$, filtered, concentrated and dried *in vacuo*.

Stage 2
The concentrated organic material was then redissolved in MeOH:THF (10ml, 1:1) was treated with $KHCO_3$ (0.35g, 3.3mmol) and a 35% w/w solution of H_2O_2 (1.3ml, 13mmol) at room temperature. The reaction mixture was then heated at reflux over 5h, at which point the mixture was poured into $Na_2S_2O_3$ and extracted with EtOAc (3 x 15ml). The combined organic layers were dried over $MgSO_4$, filtered, concentrated and dried *in vacuo*. Flash chromatography yielded the title compounds.

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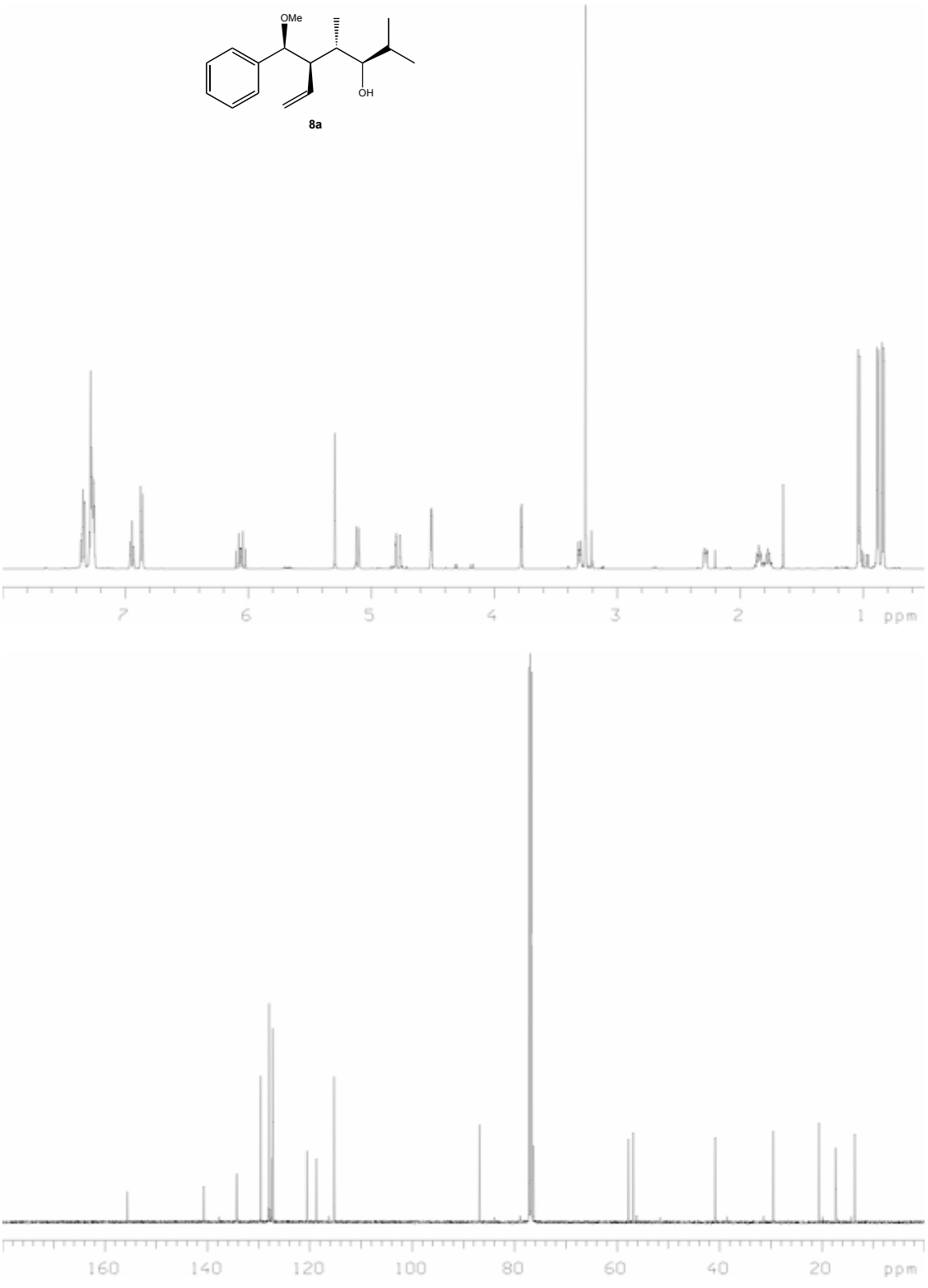
Entry 1, Table 1
^{1}H & ^{13}C Spectra



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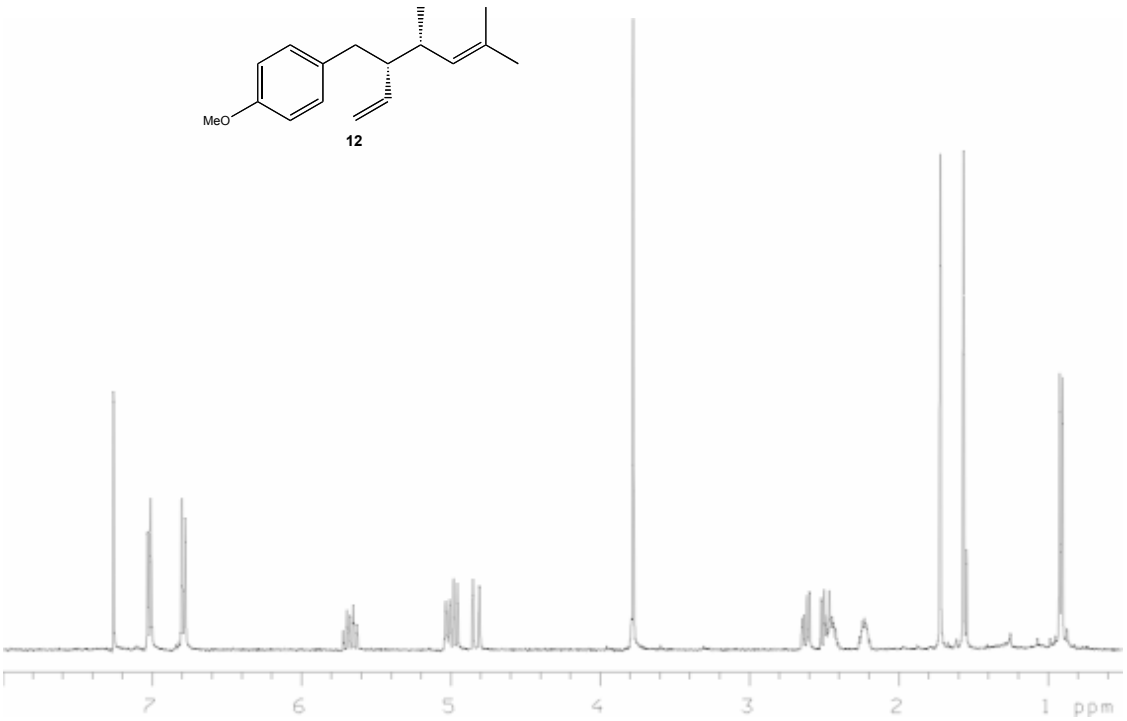

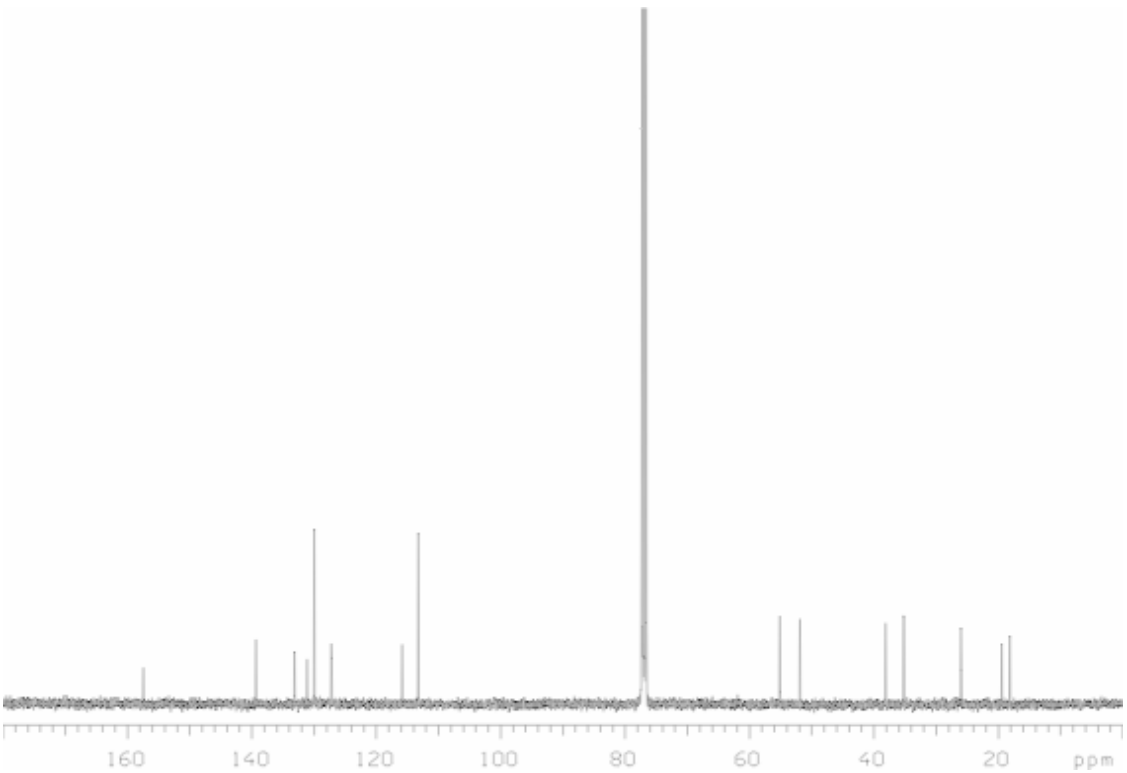

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Entry 3, Table 1
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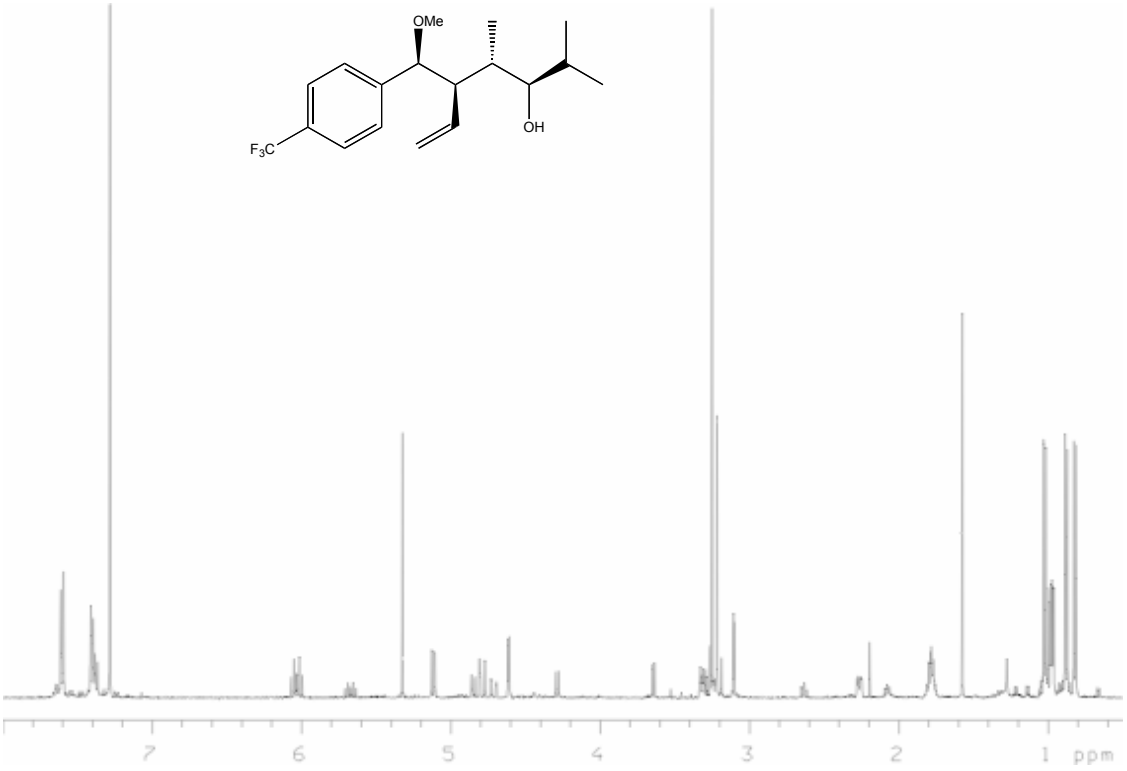

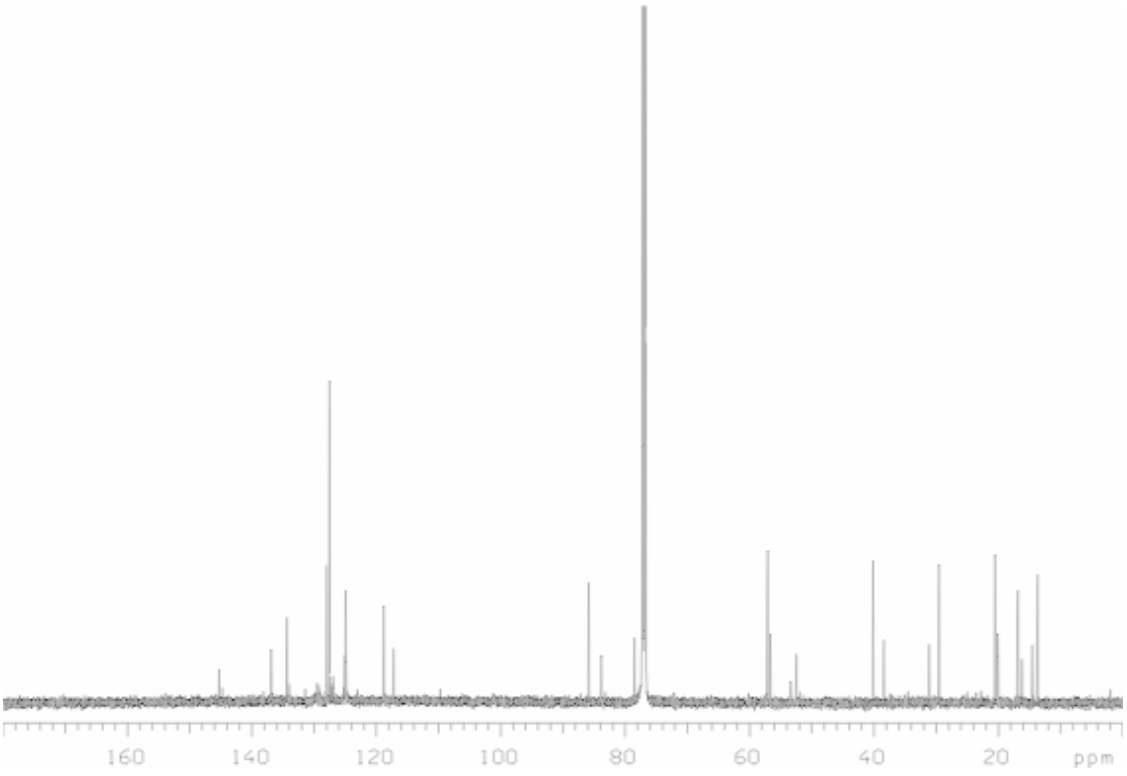

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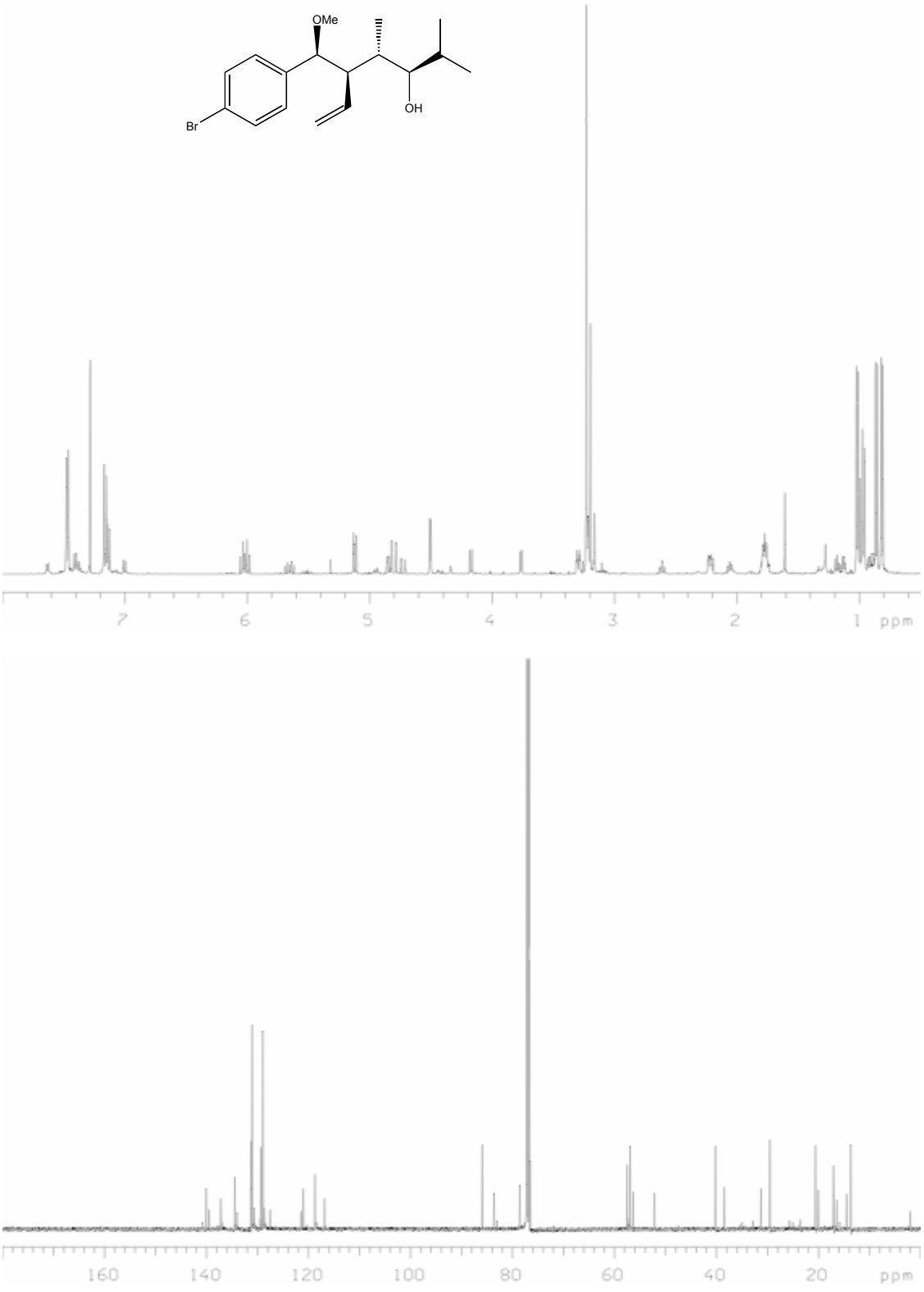
Entry 4, Table 1
^{1}H & ^{13}C Spectra



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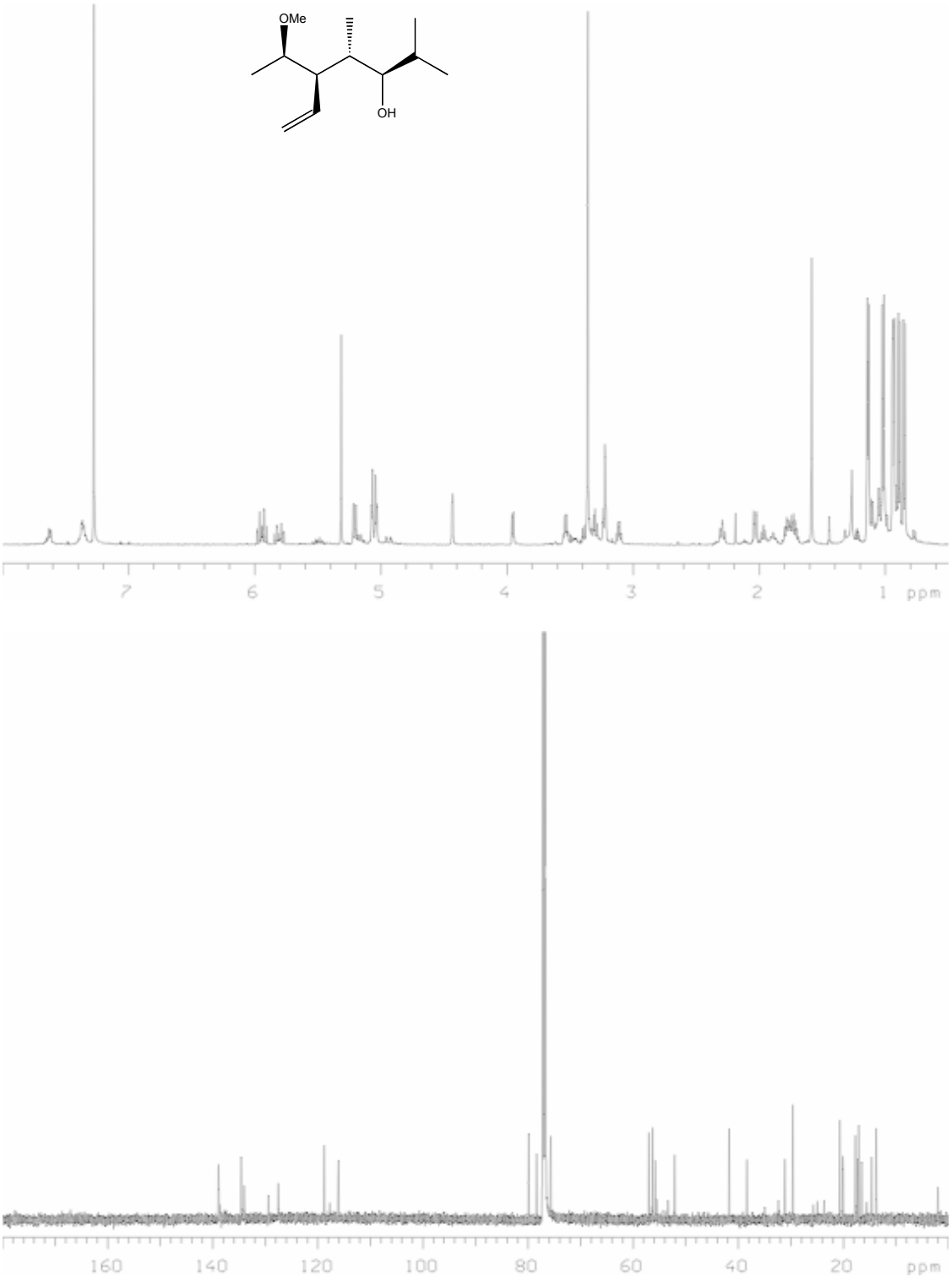
Entry 5, Table 1
^{1}H & ^{13}C Spectra



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Entry 6, Table 1
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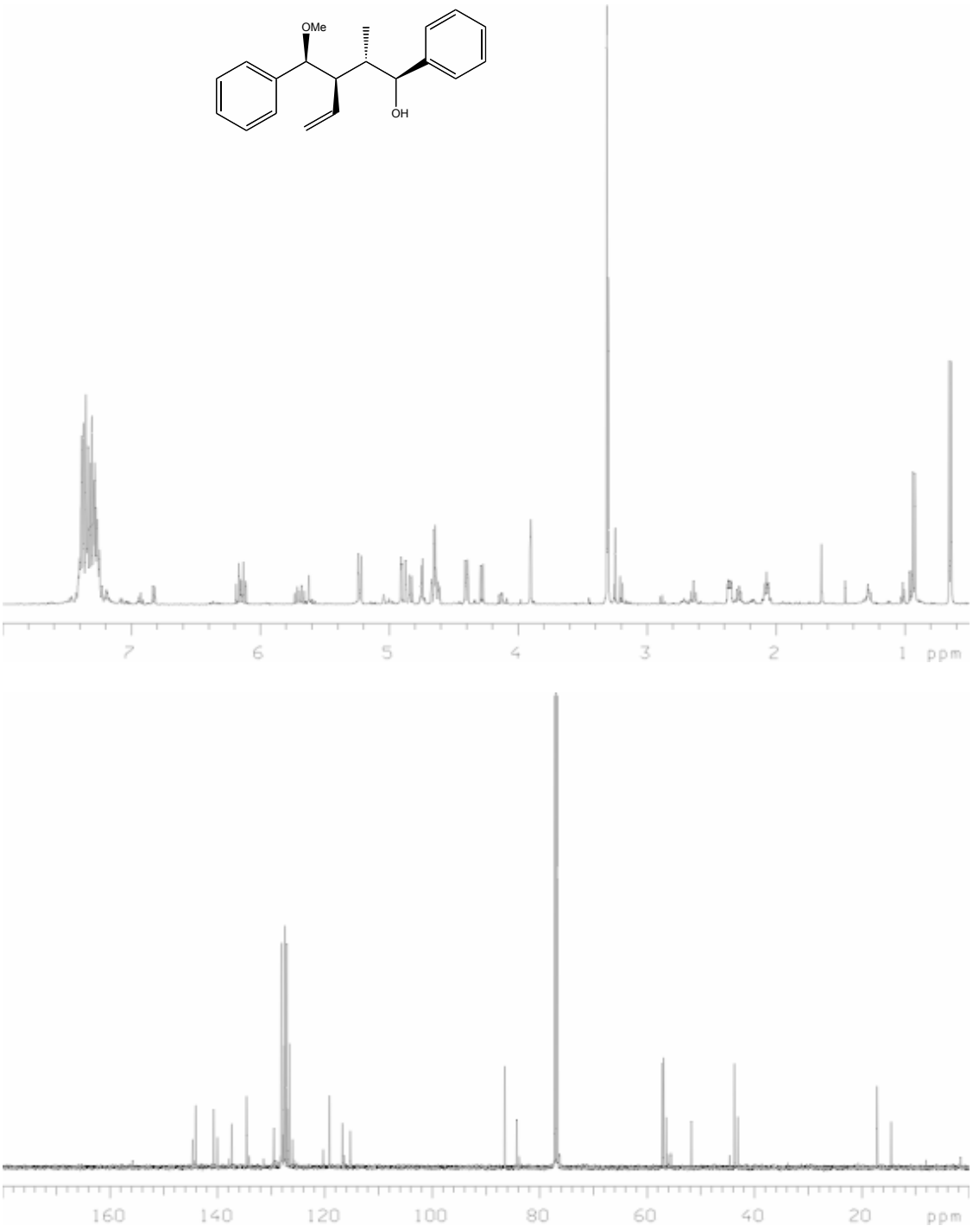

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Entry 7, Table 1
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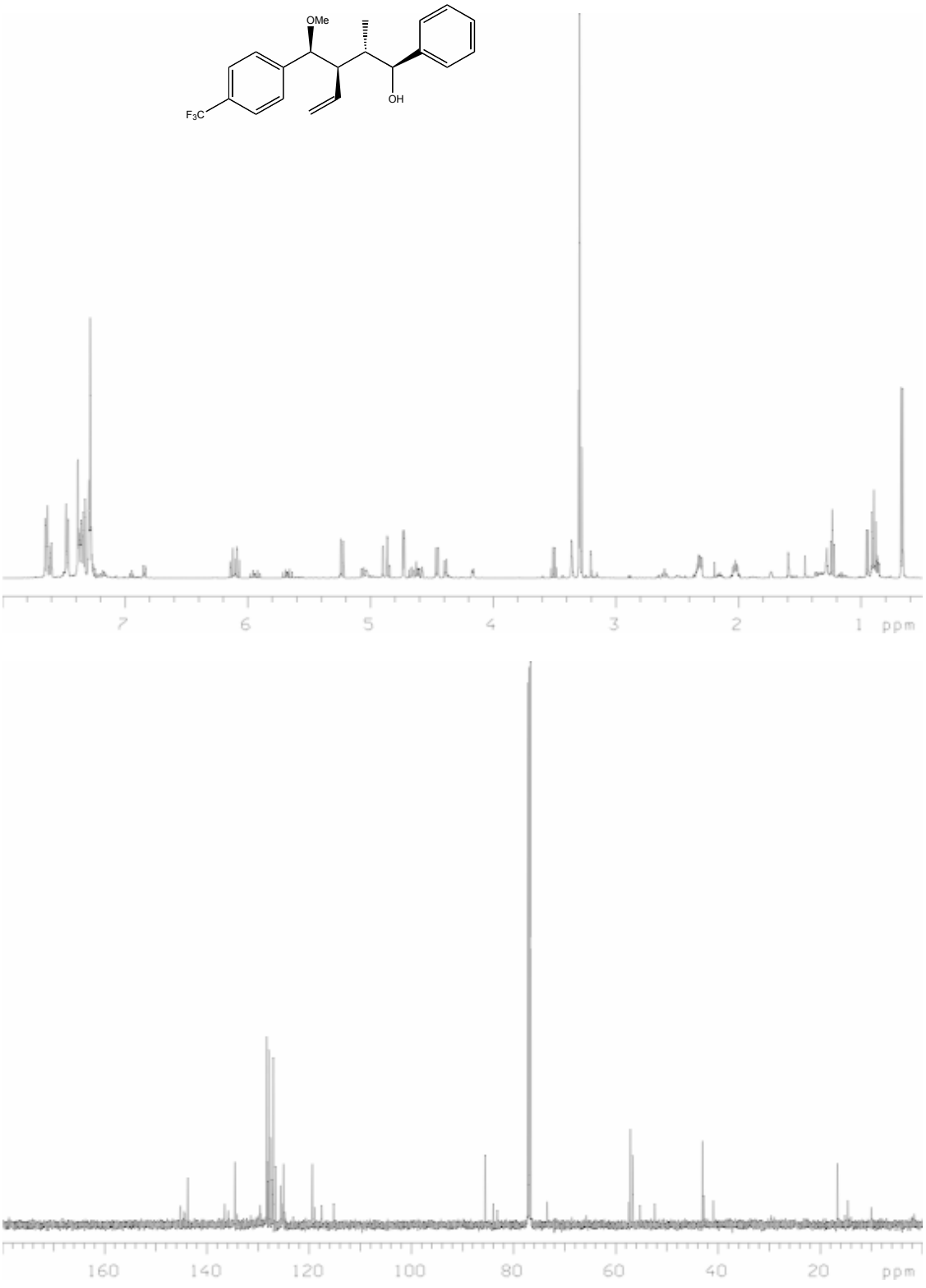

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Entry 8, Table 1
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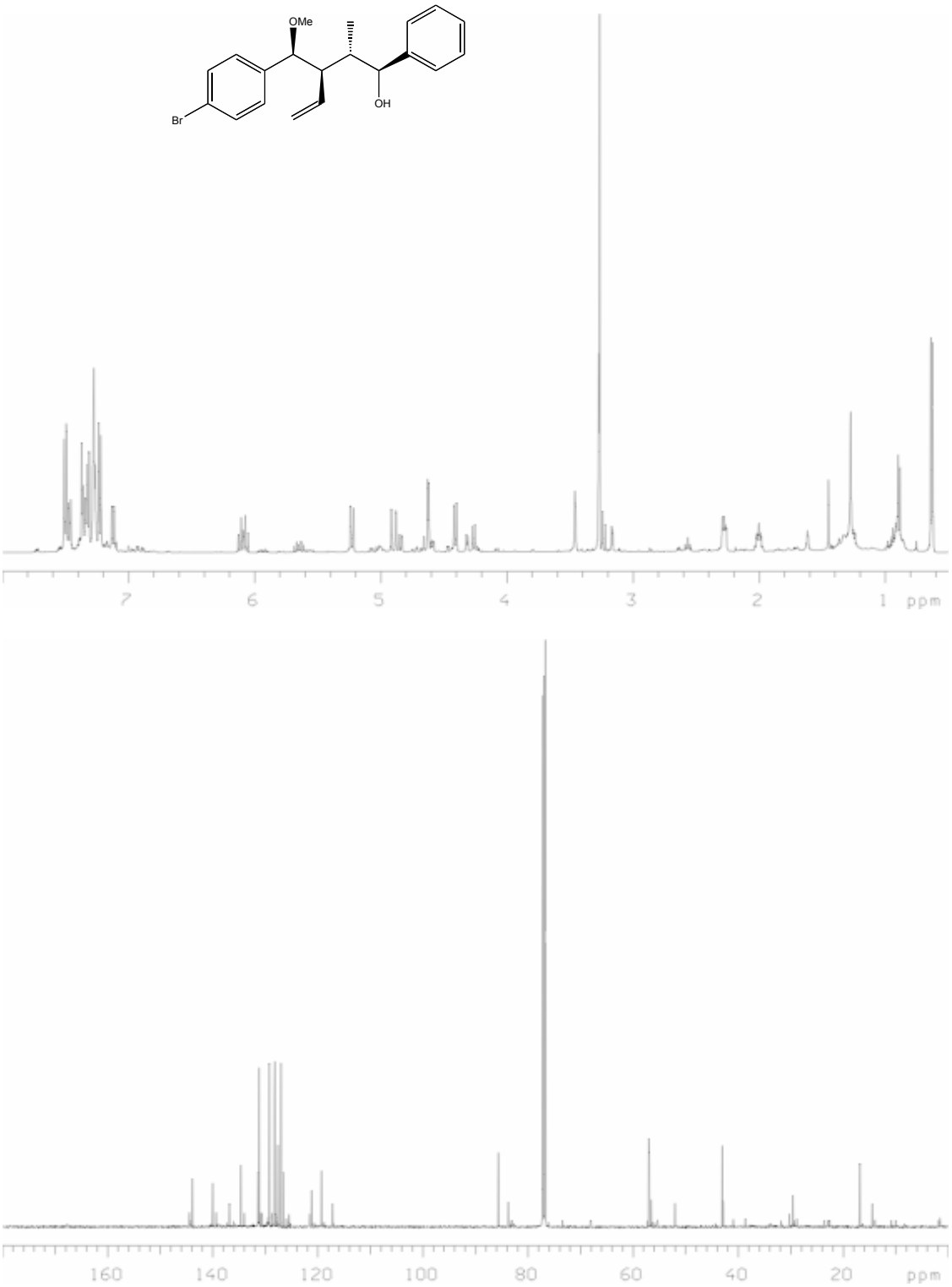

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Entry 9, Table 1
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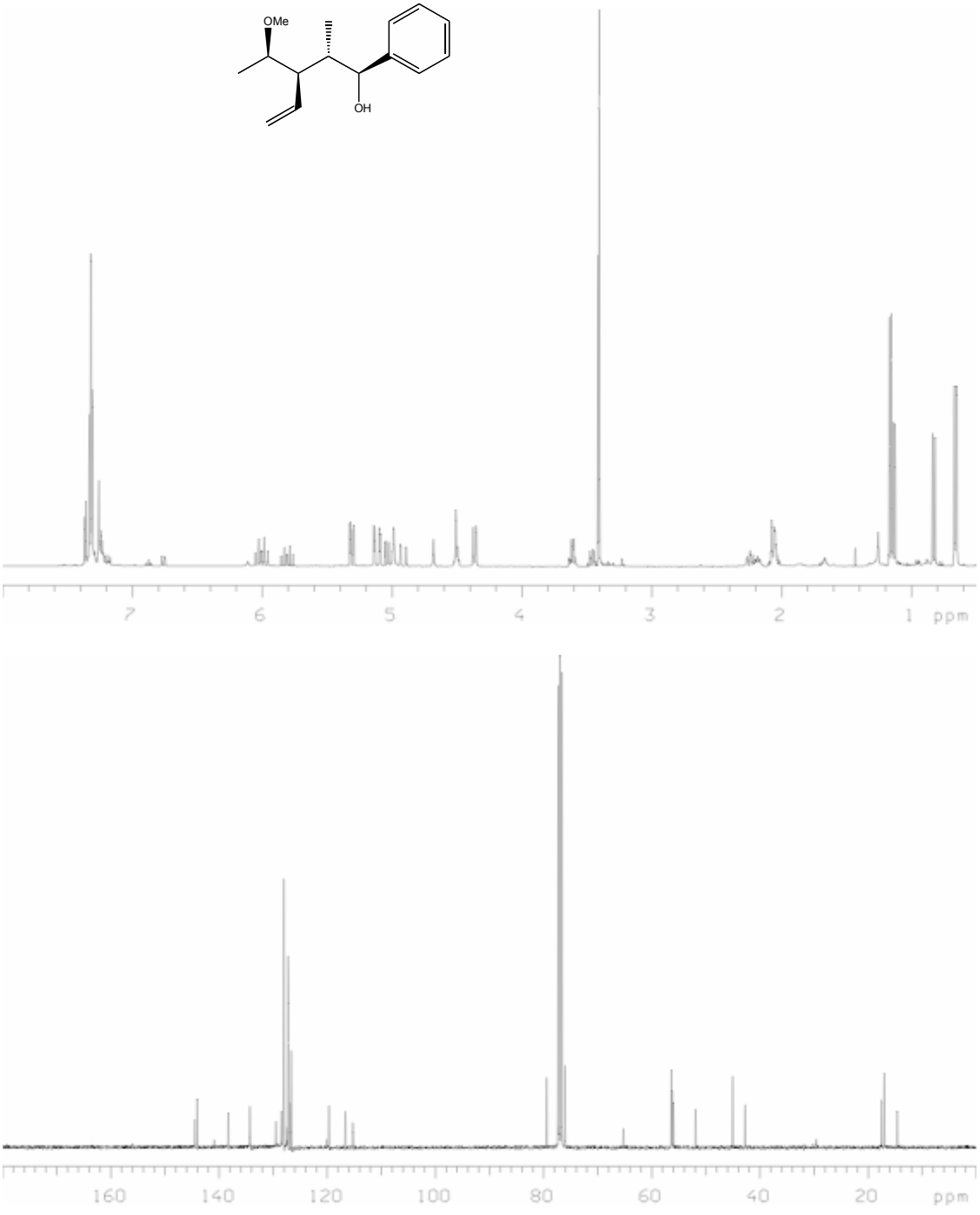

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Entry 10, Table 1
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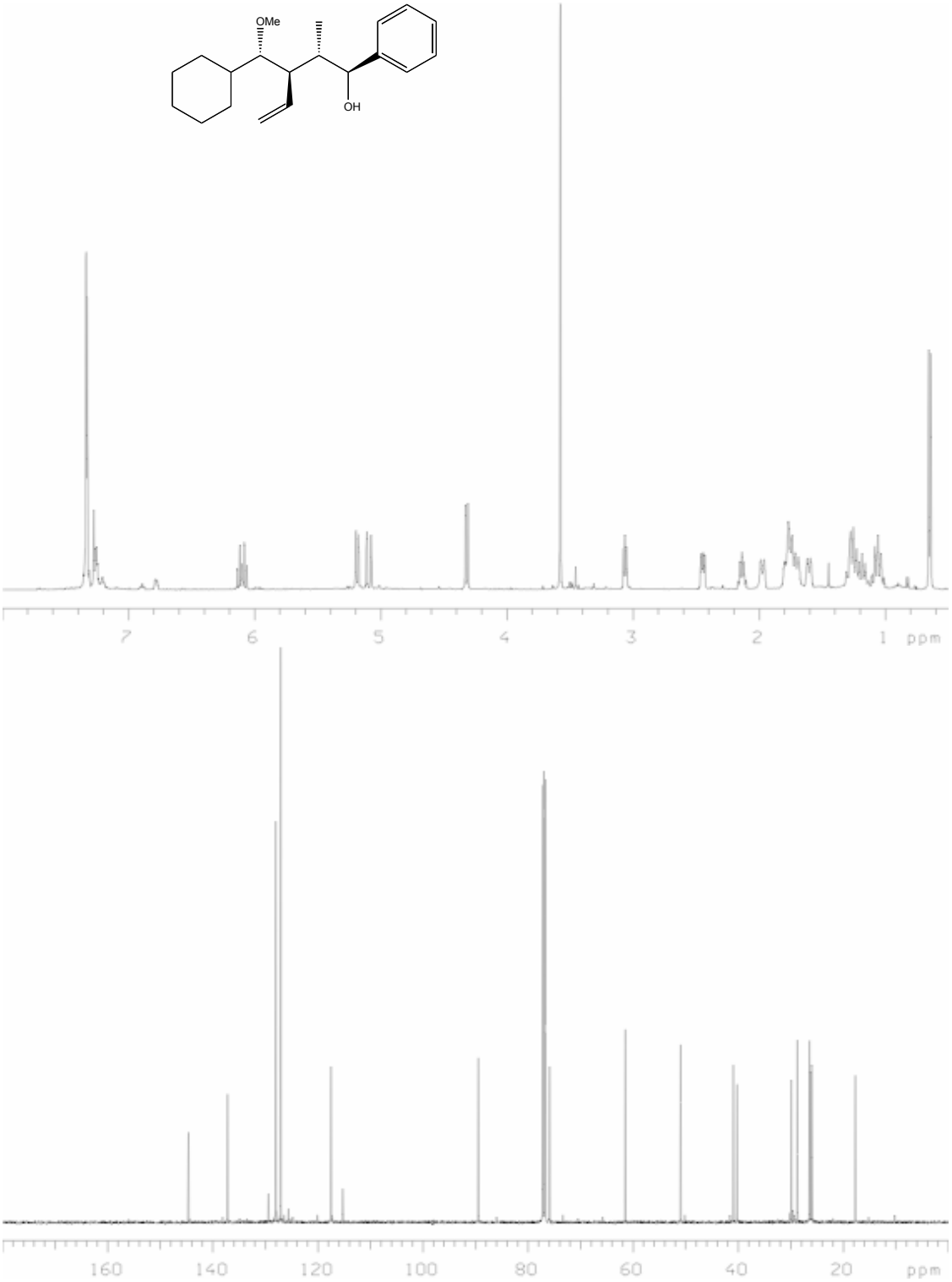

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Entry 11, Table 1
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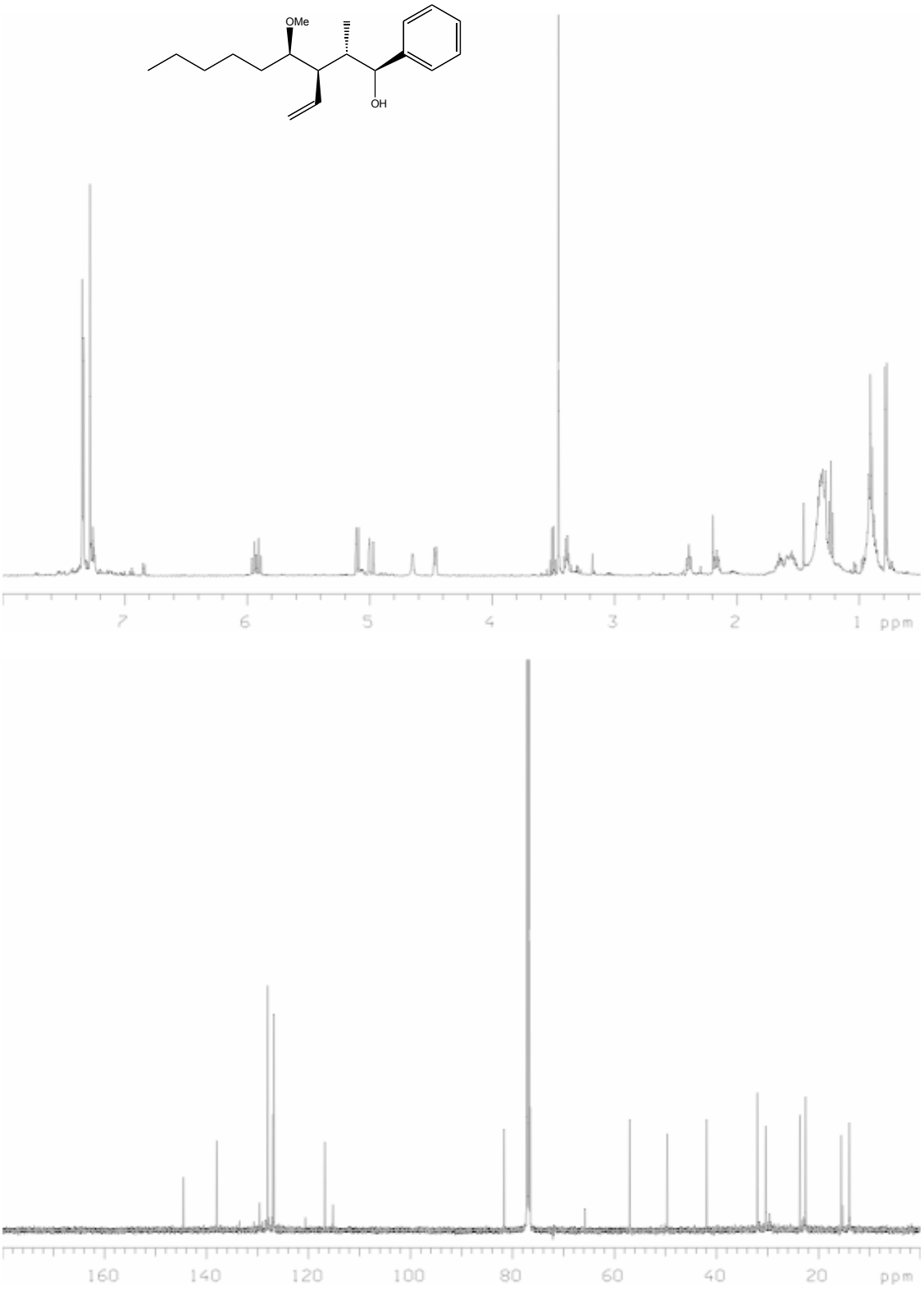

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