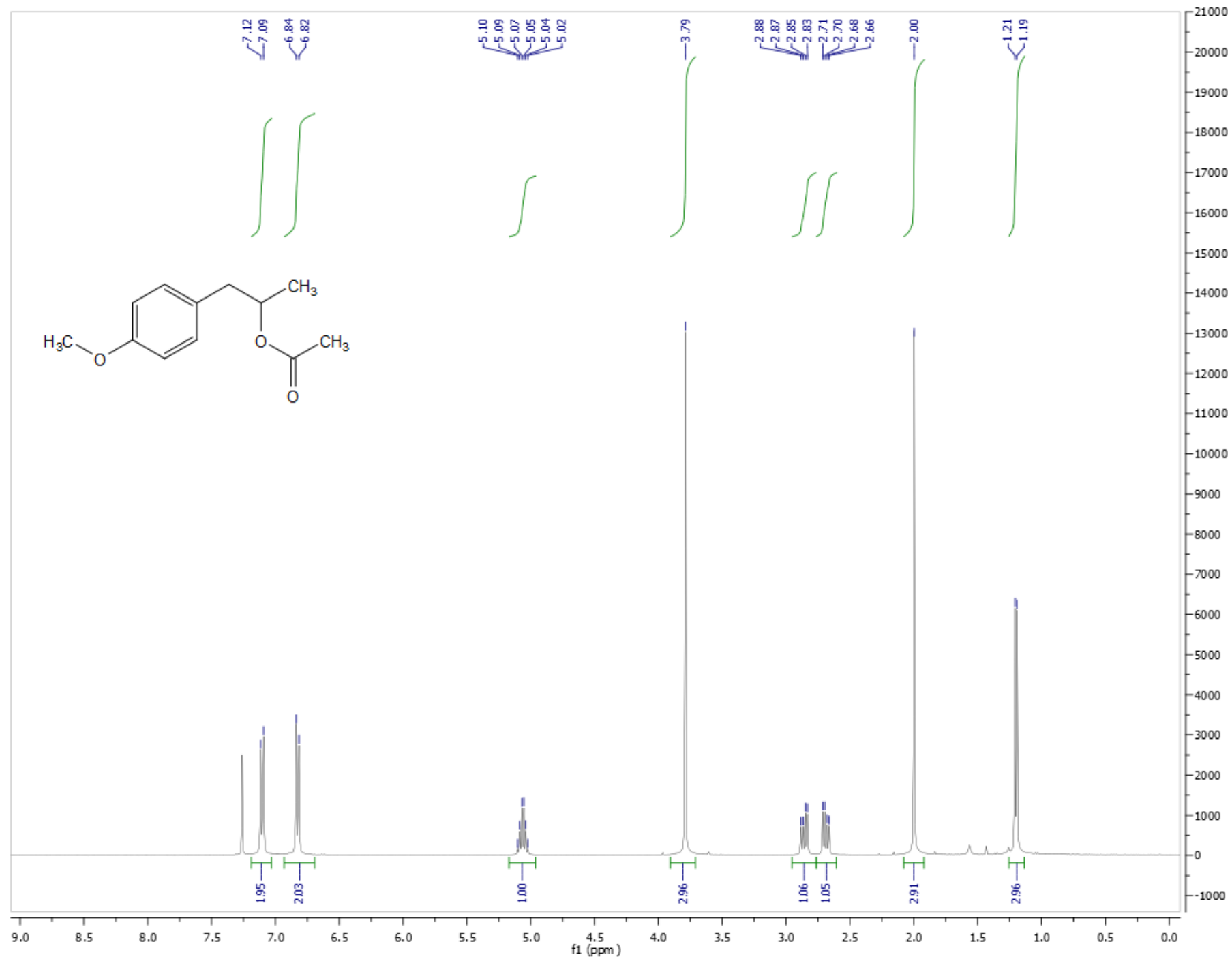
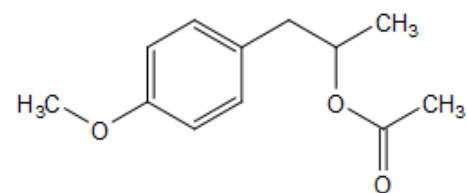


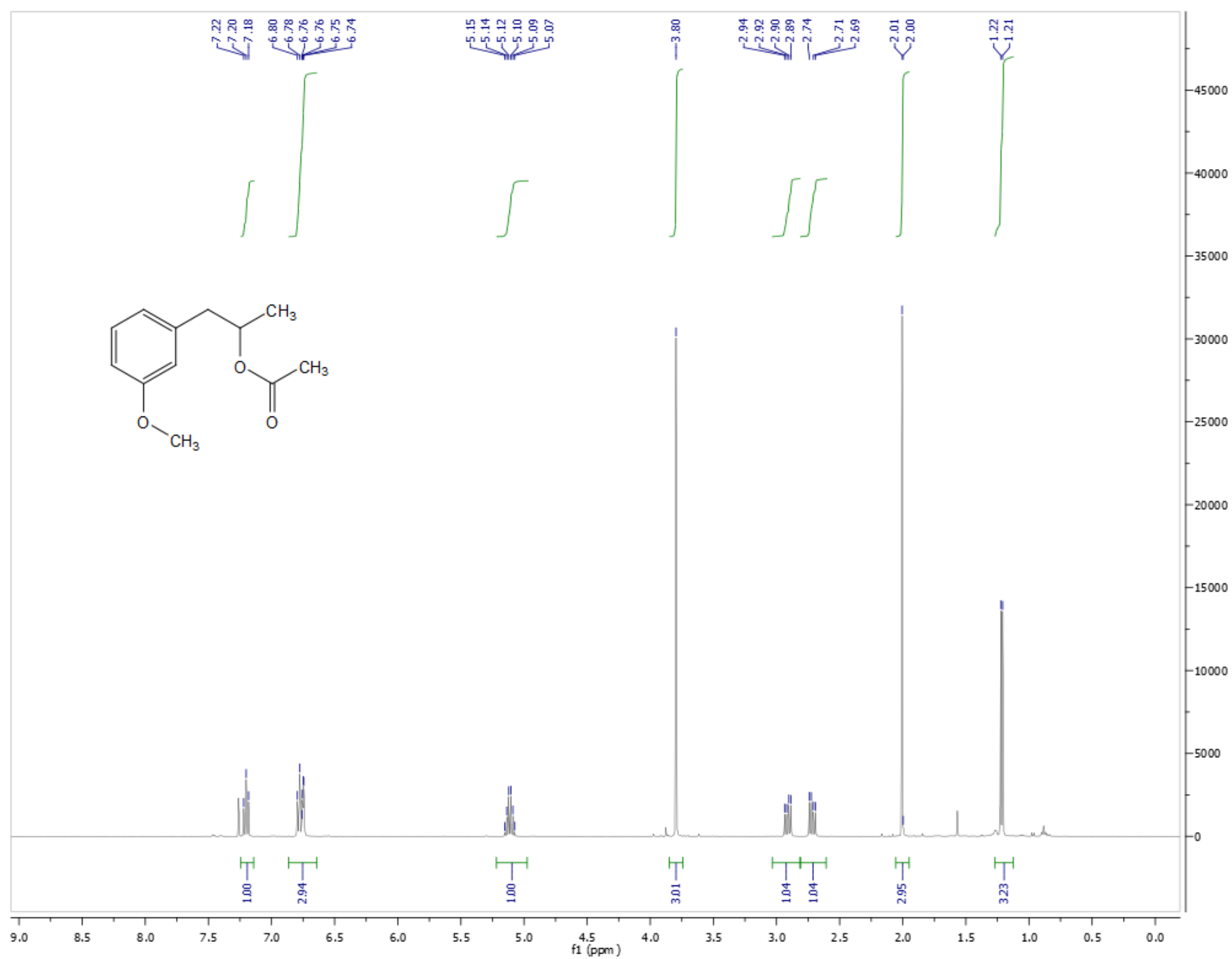
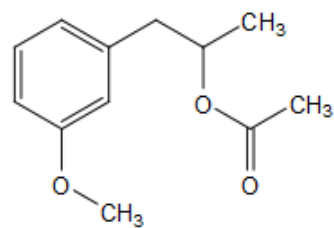
Direct Catalytic Anti-Markovnikov Addition of Carboxylic Acids to Alkenes

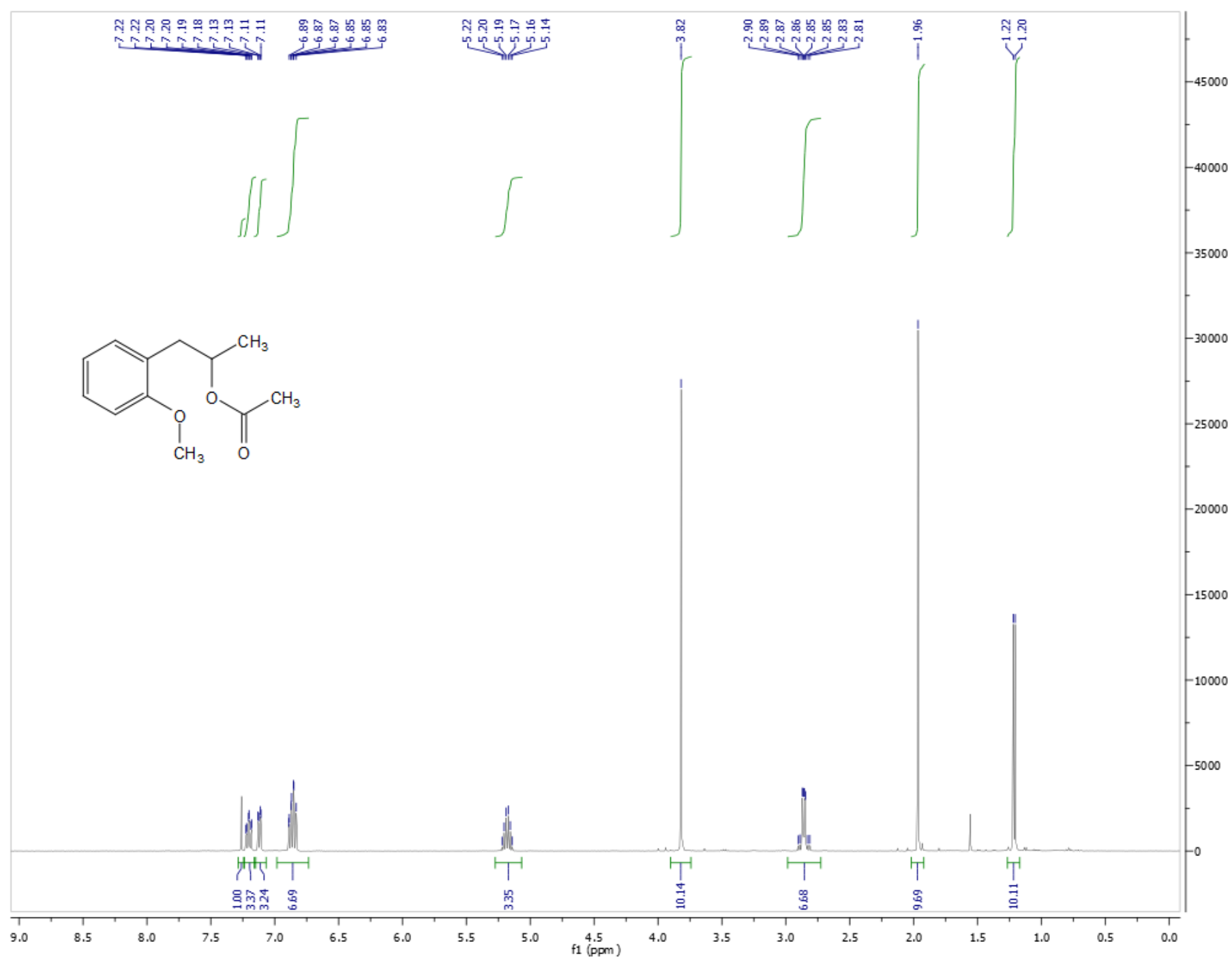
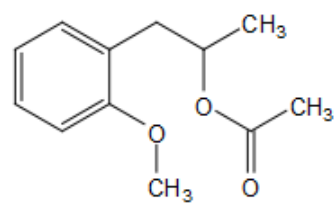
Andrew J. Perkowski and David. A. Nicewicz*

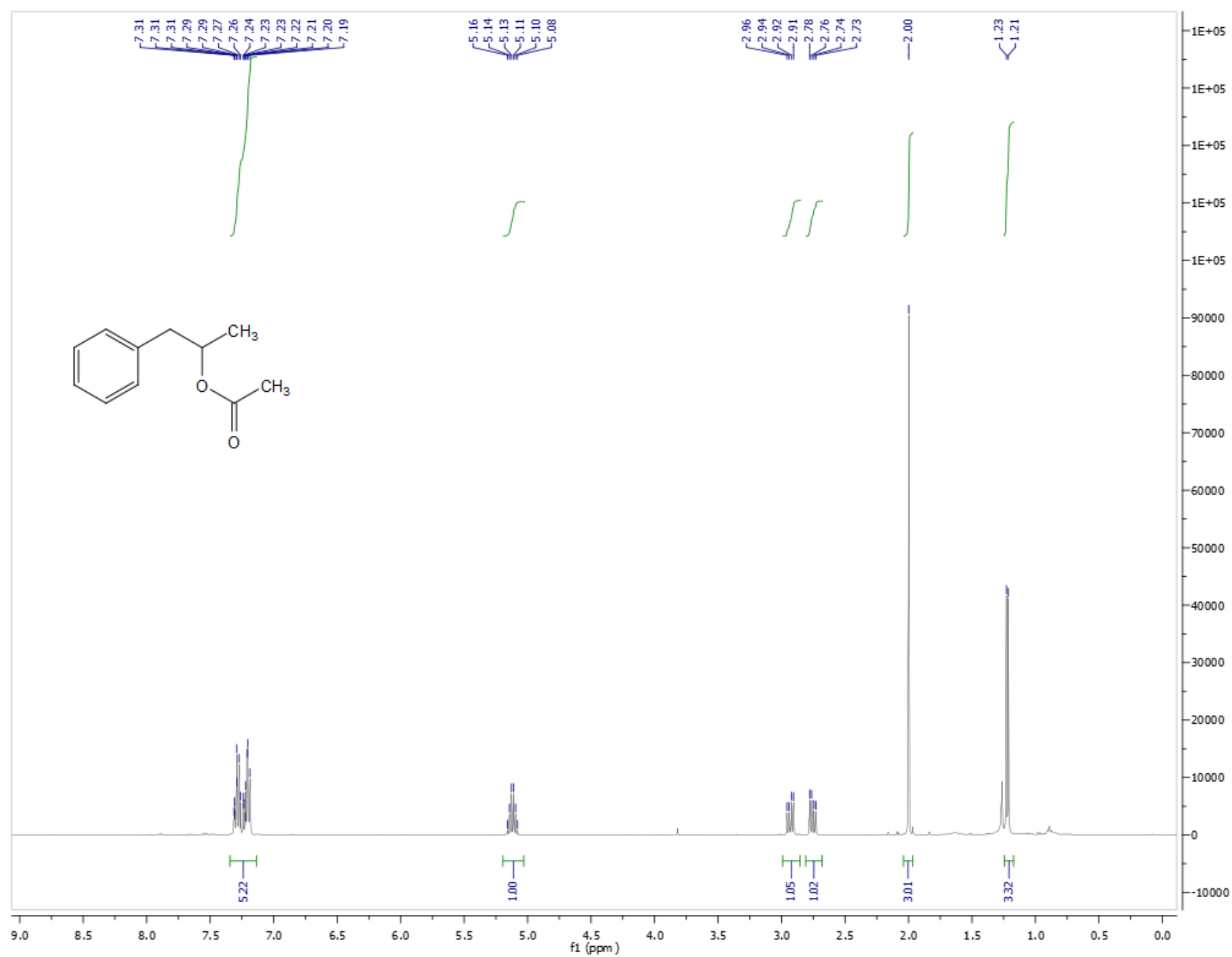
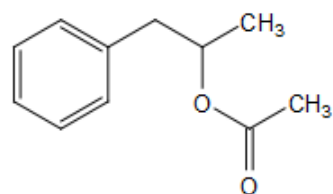
Department of Chemistry, University of North Carolina at Chapel Hill, North Carolina 27599-3290

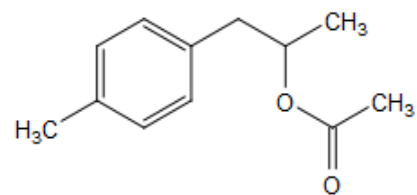
*nicewicz@unc.edu

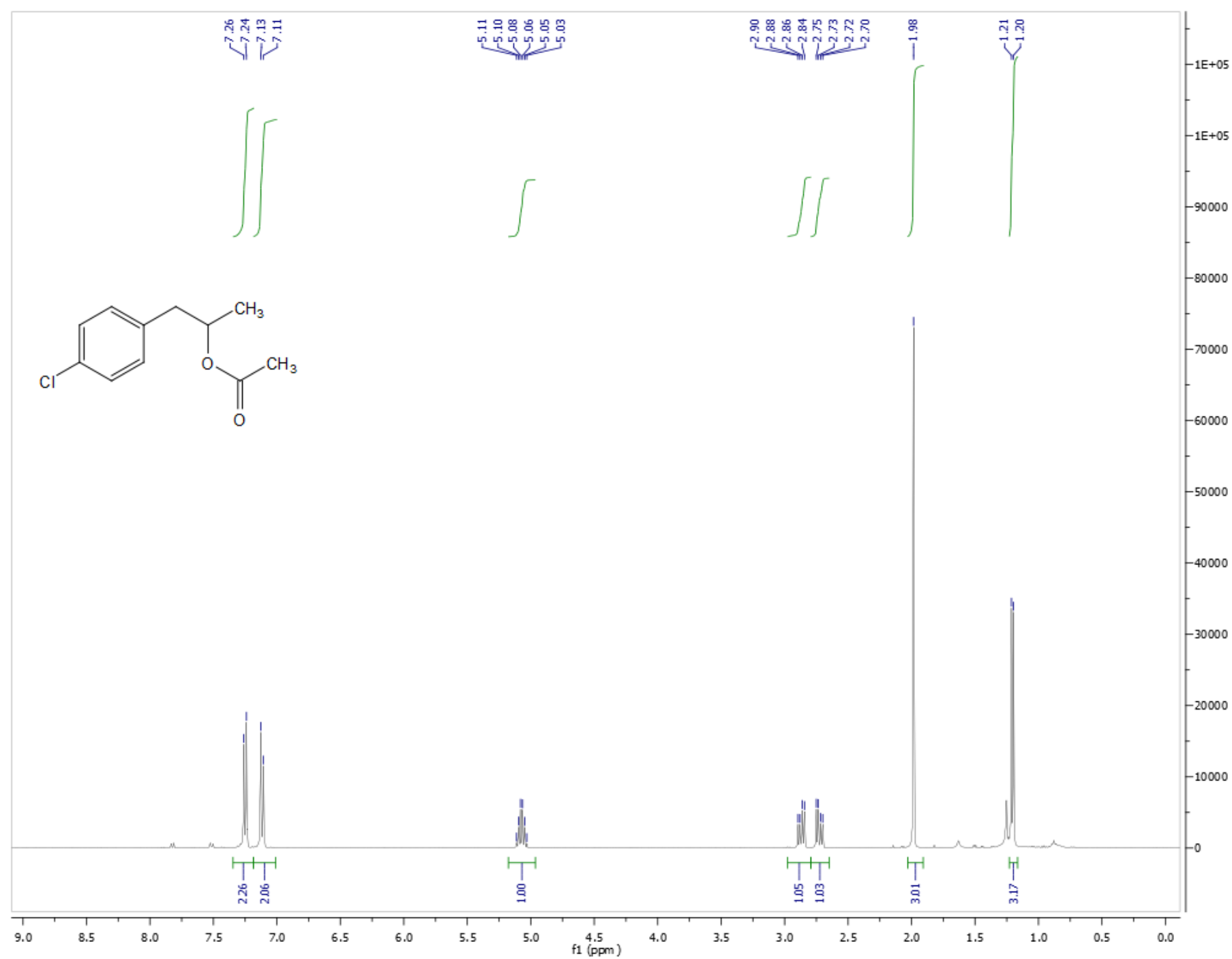
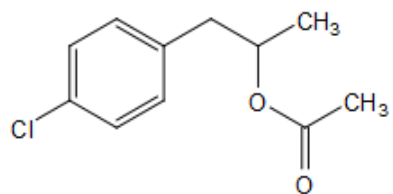


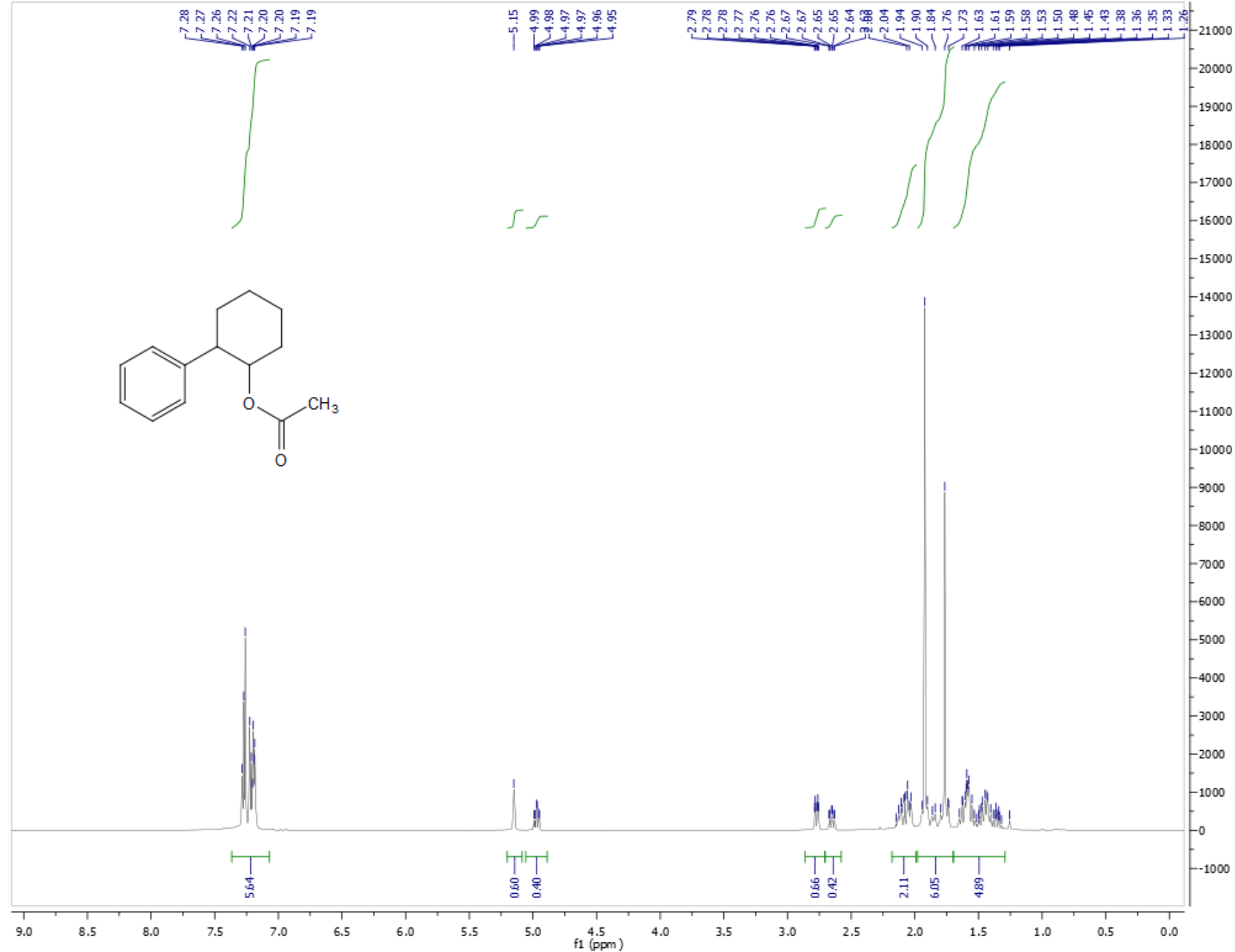
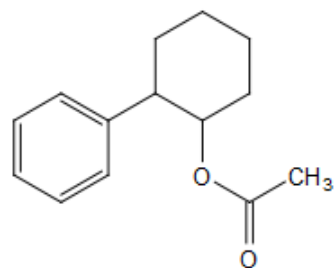


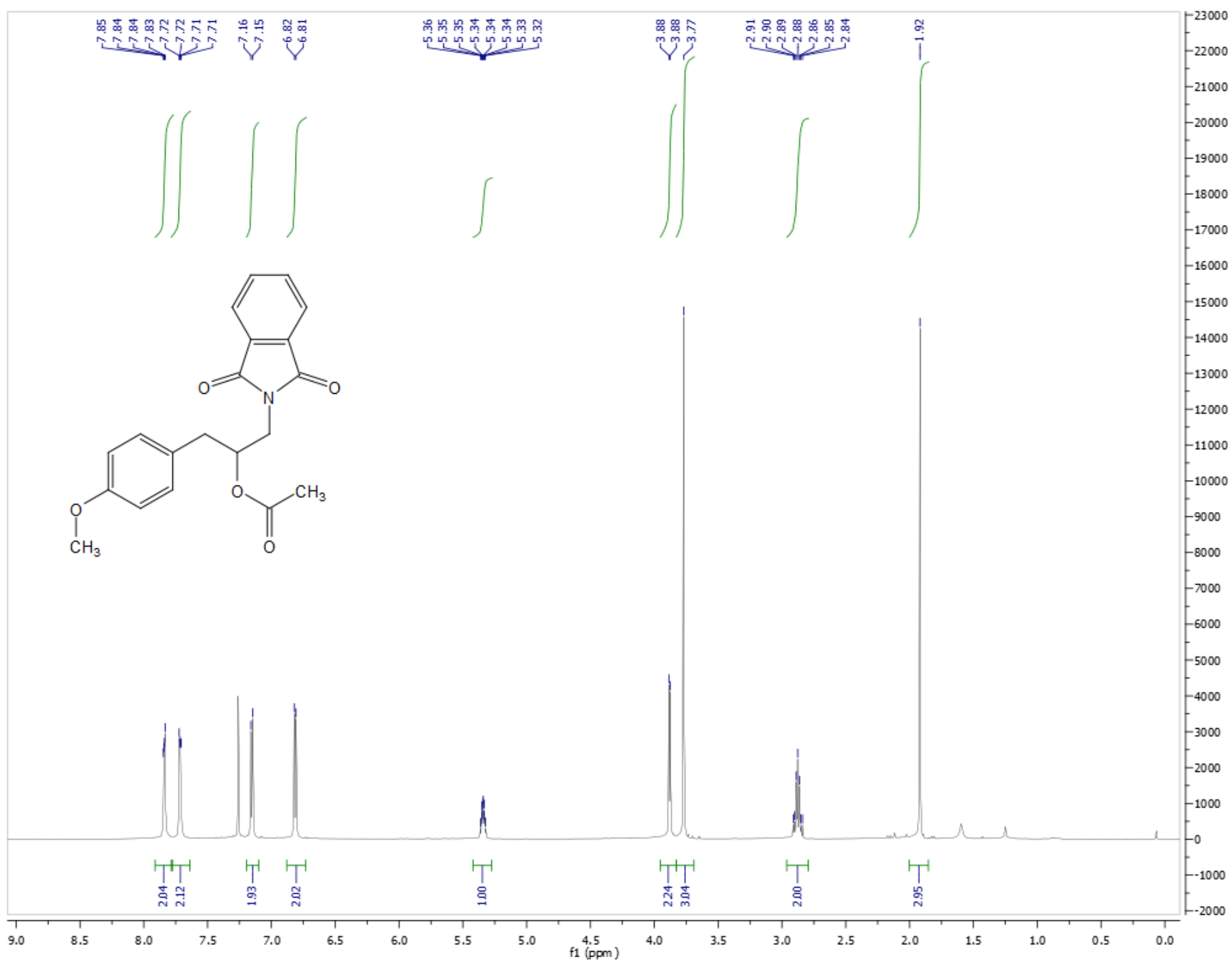


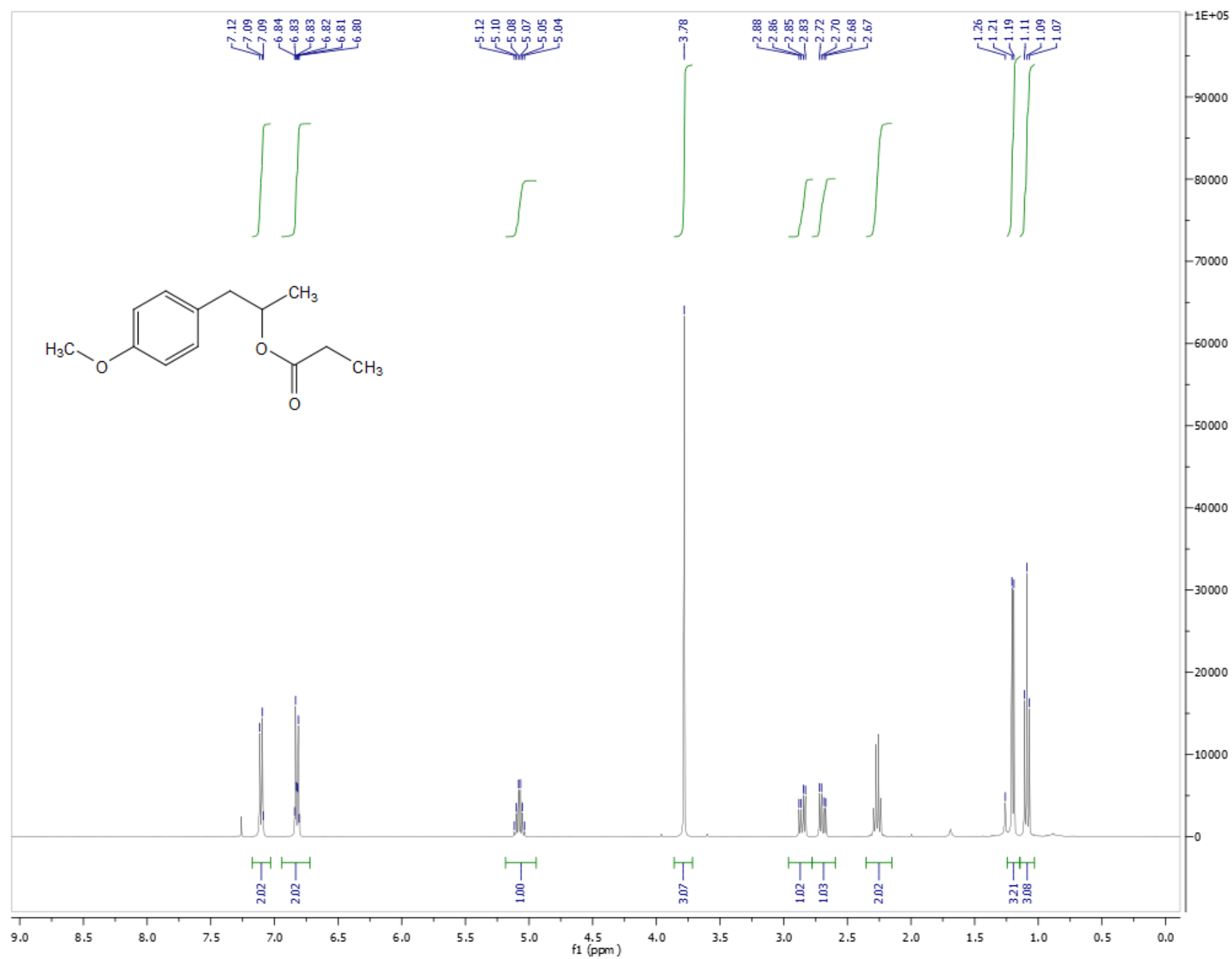
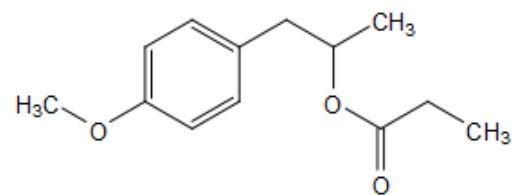


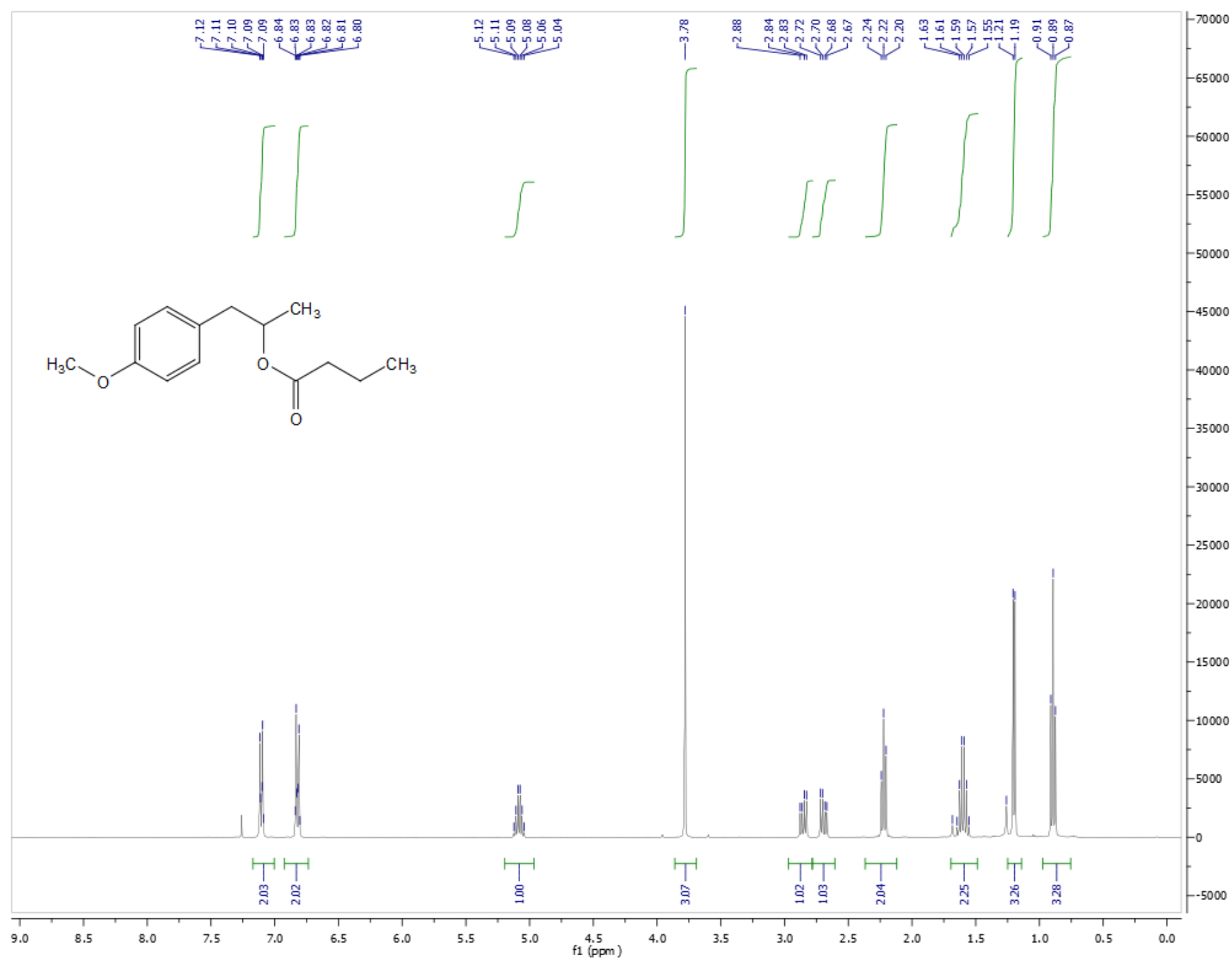
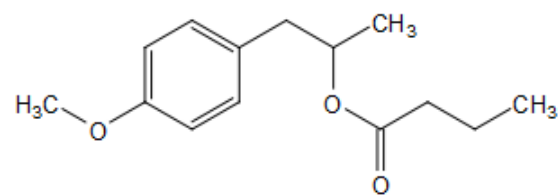


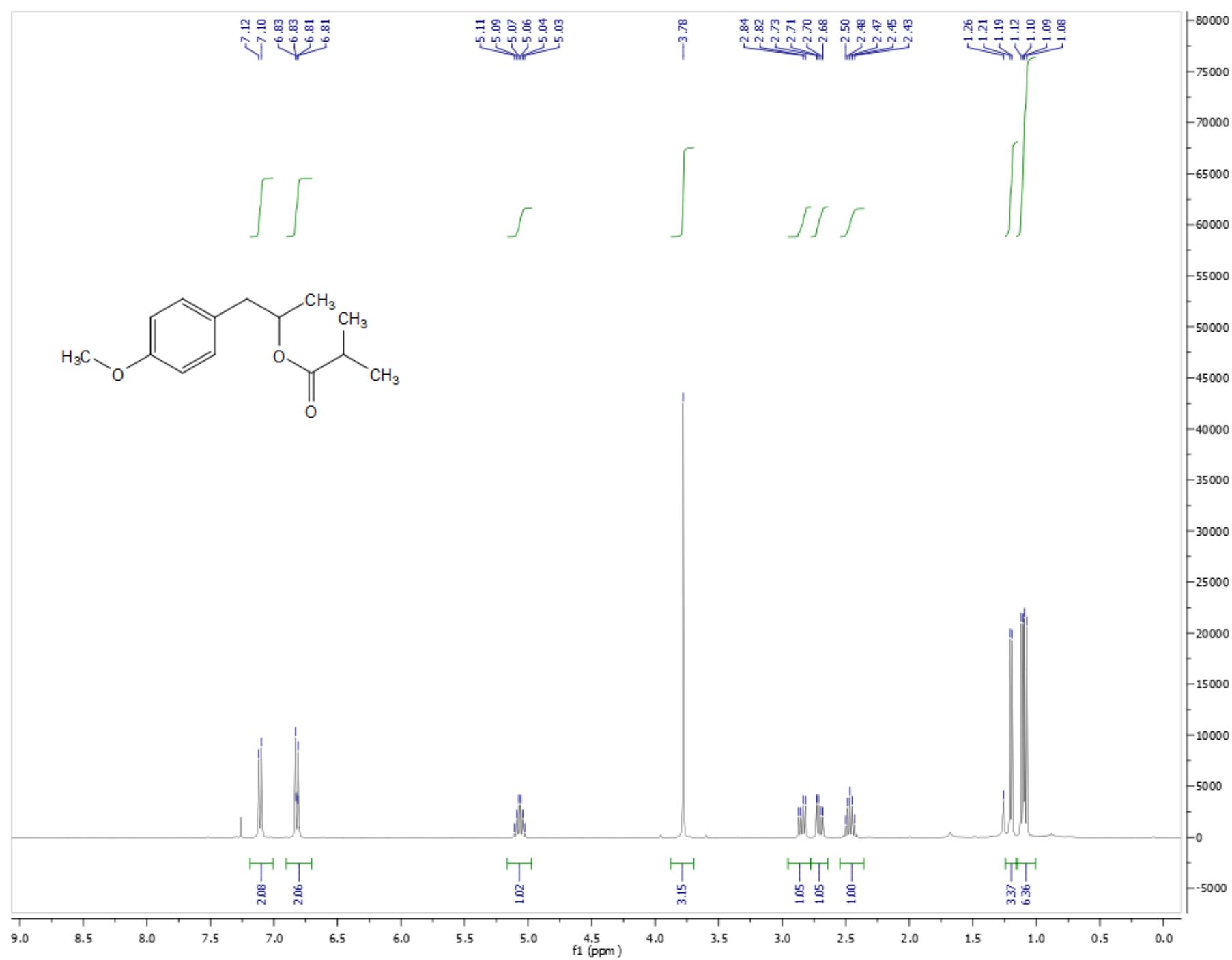
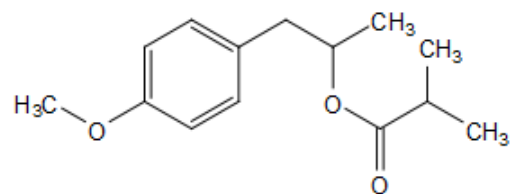


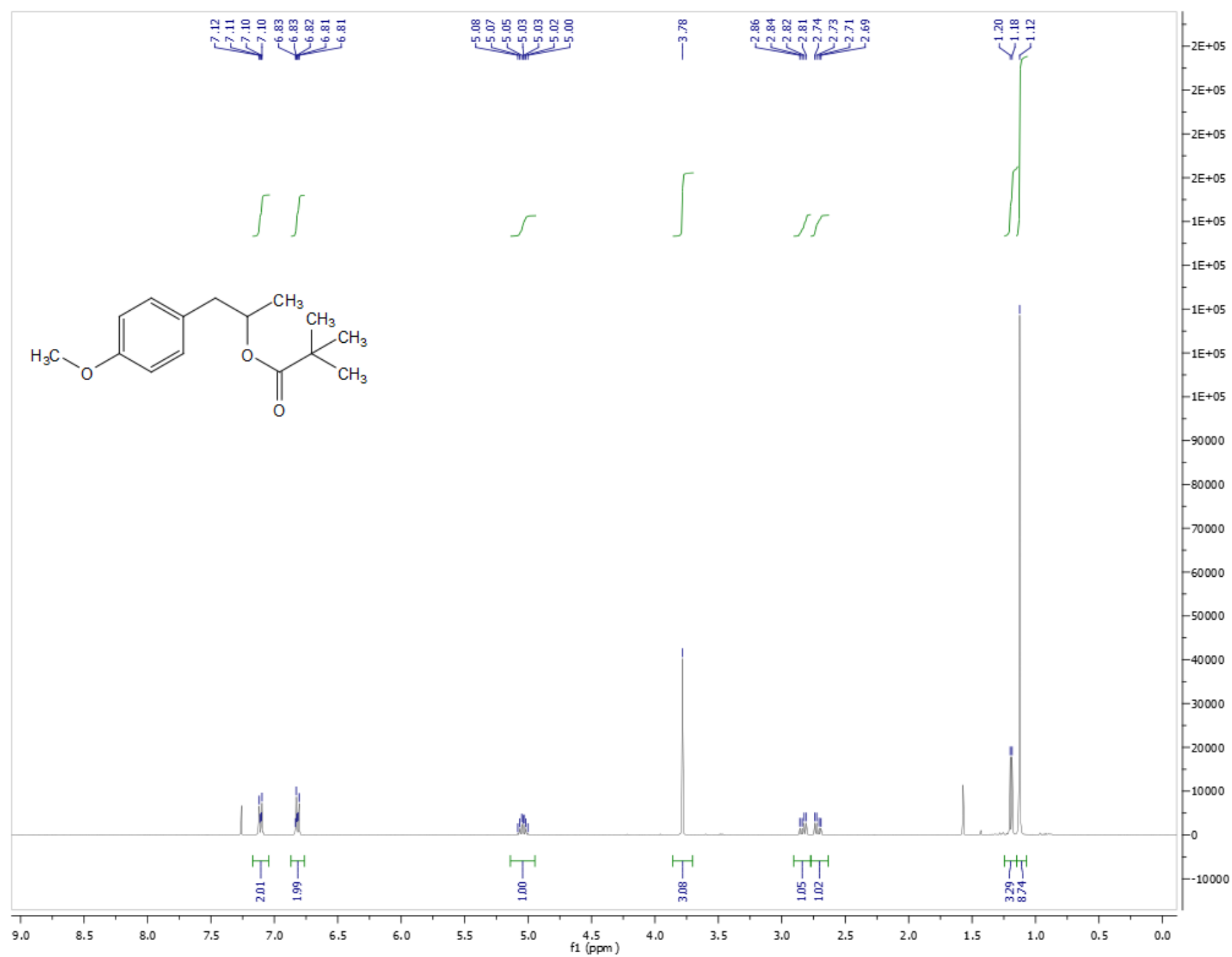
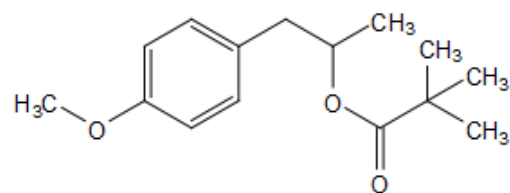


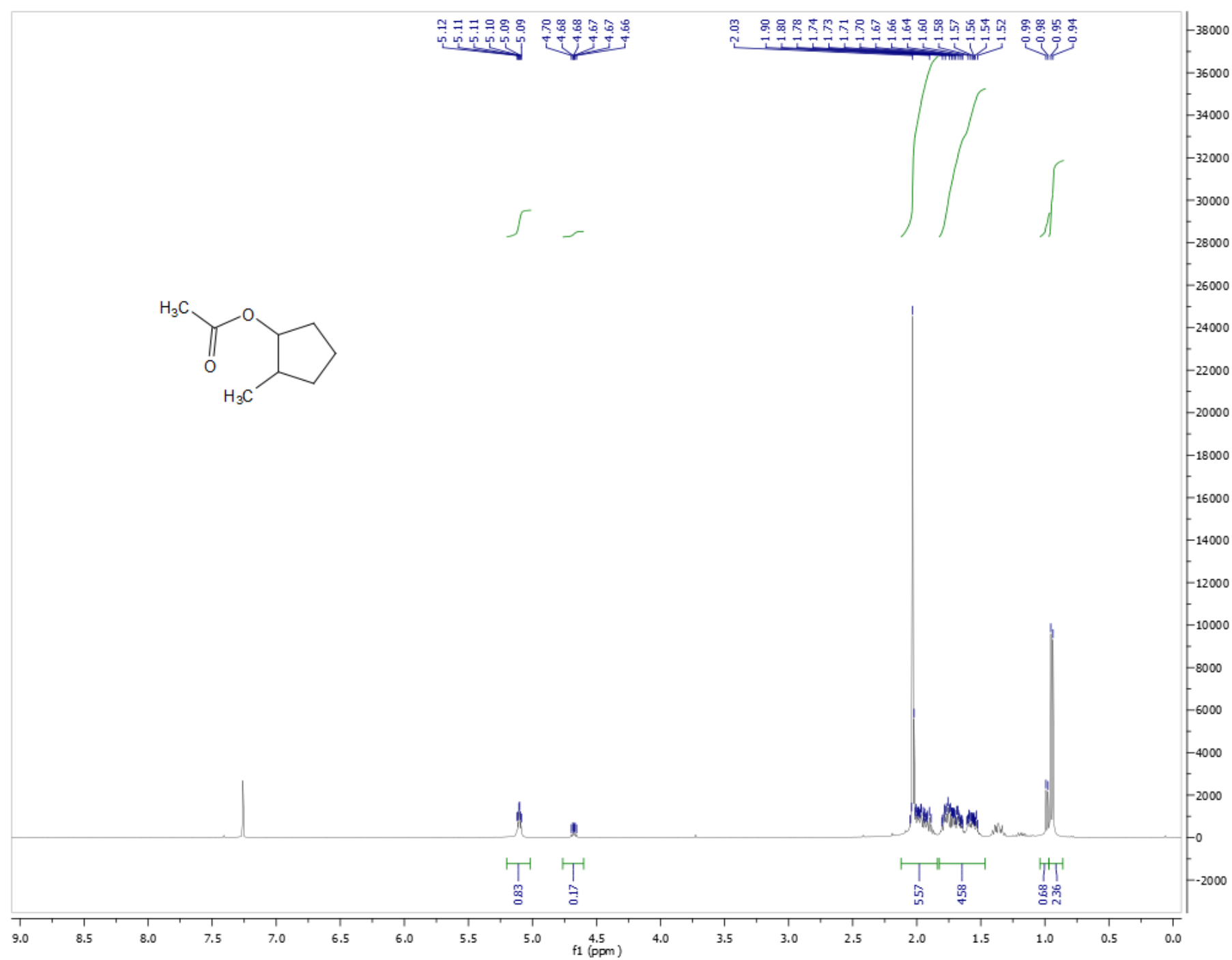
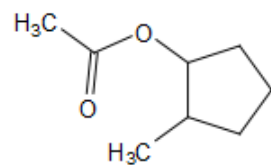


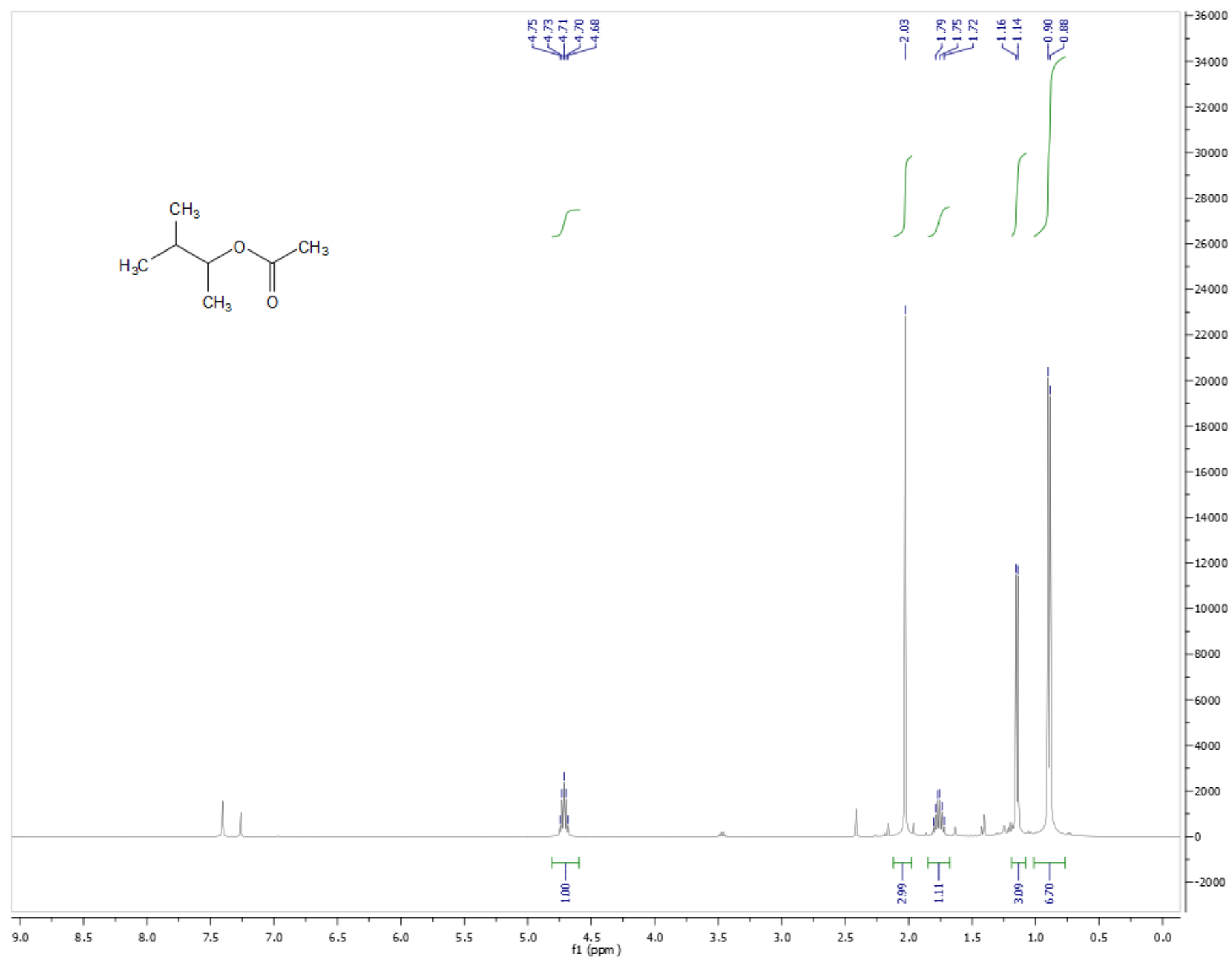
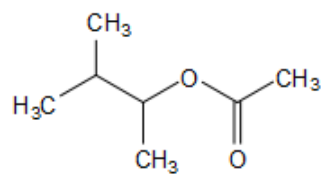


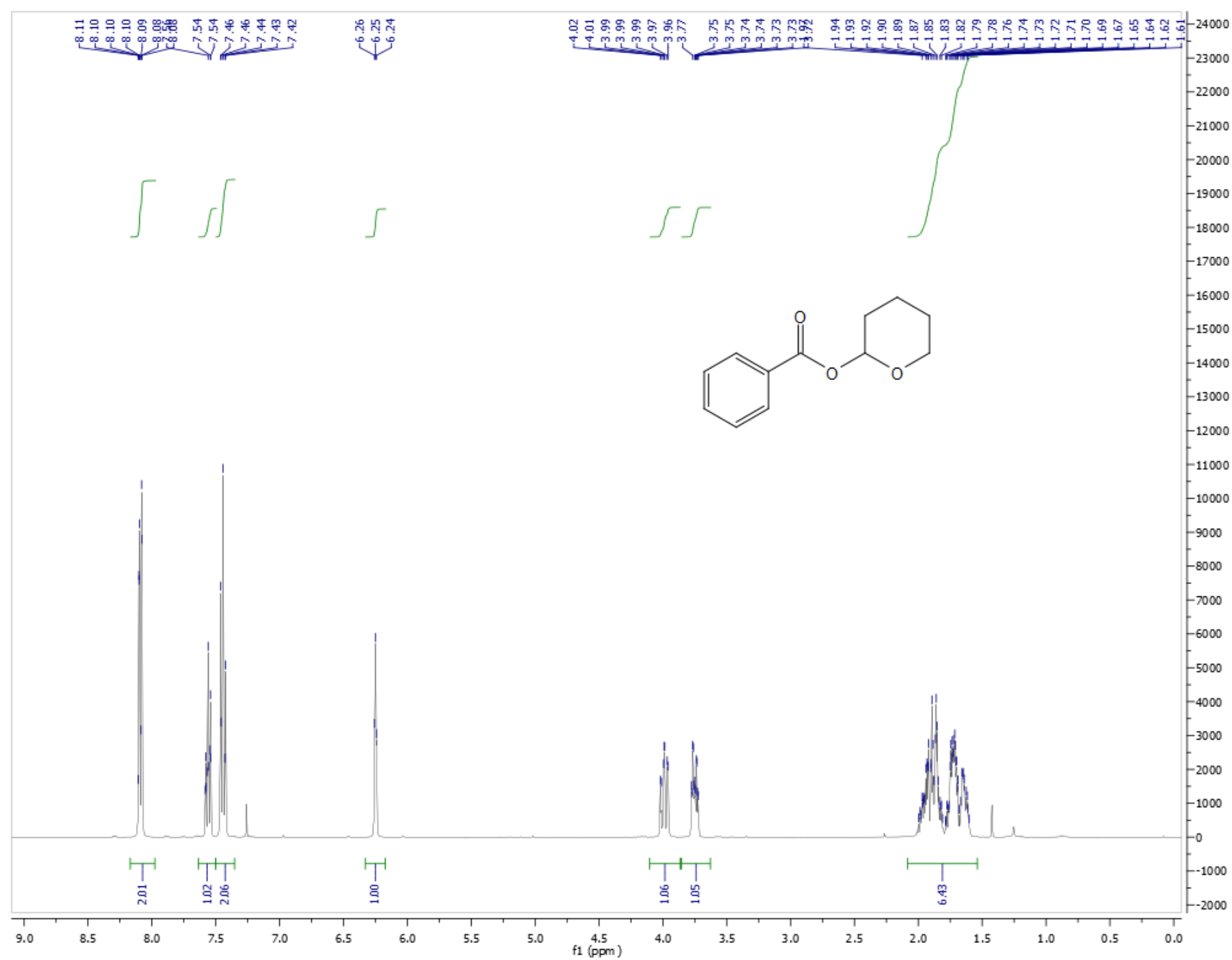










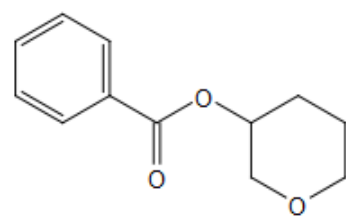


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7.54
7.46
7.44
7.42

5.08
5.06
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3.90
3.89
3.87
3.86
3.74
3.72
3.70
3.69

2.06
2.05
2.02
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1.96
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1.90
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1.94

1.00
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1.00

1.04
3.03

3.10

1.17

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f1 (ppm)

