

Supporting Information

A Concise Total Synthesis of (±)-Acutifolone A

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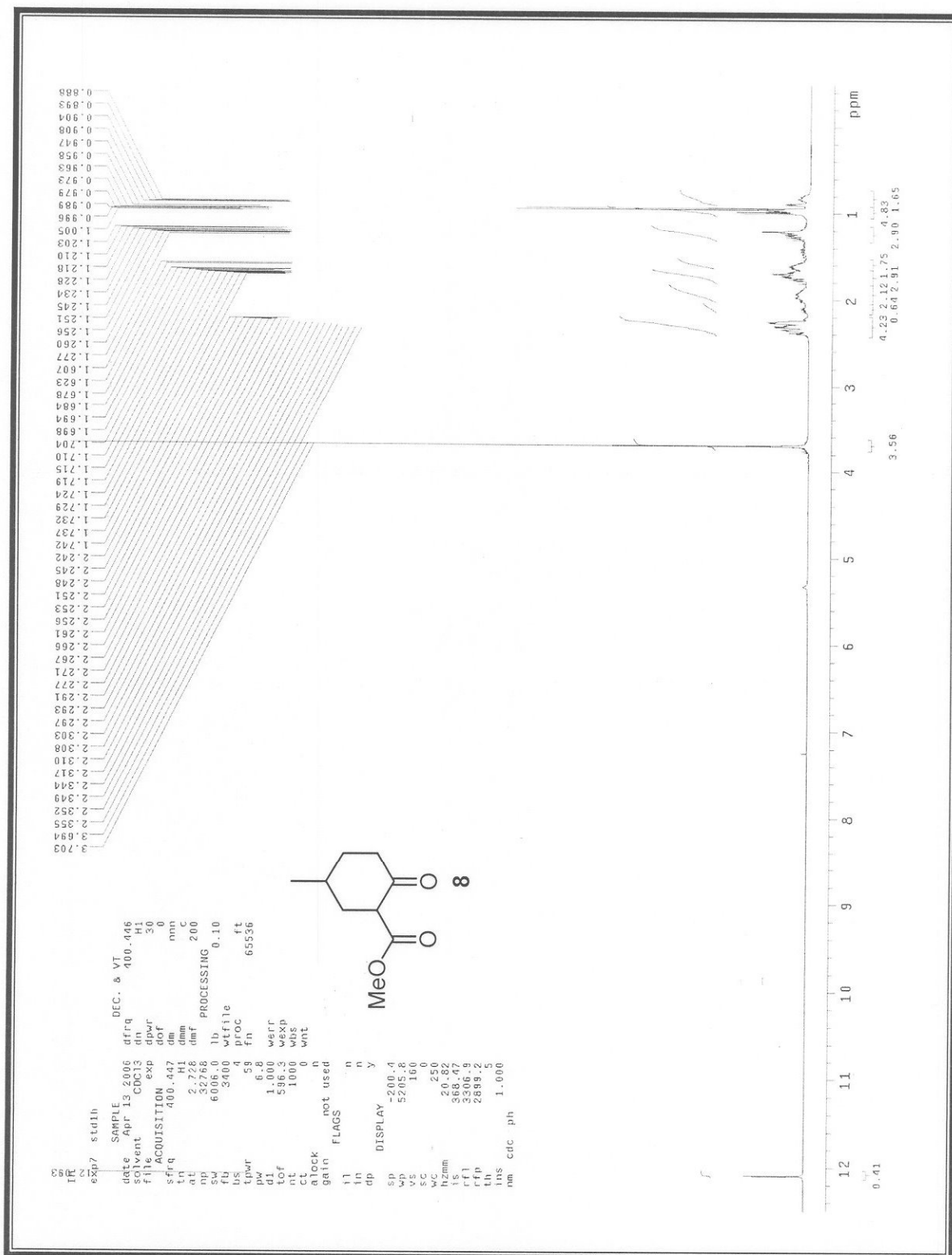
E-mail: ksshia@nhri.org.tw

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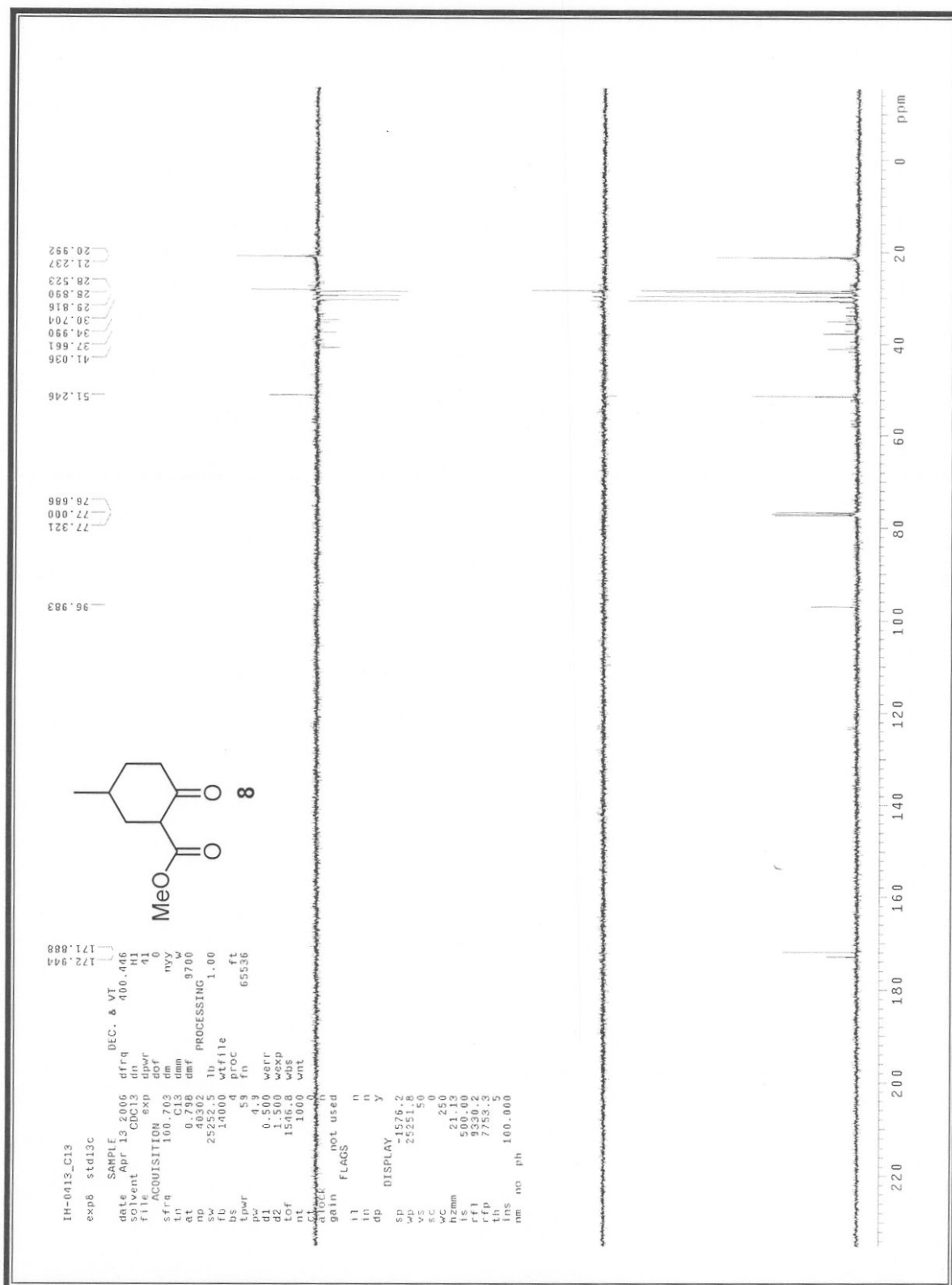
¹H & ¹³C Spectrums for All Novel Compounds-----S2-S23

X-ray Crystallographic Analysis of Compound 5a-----S24

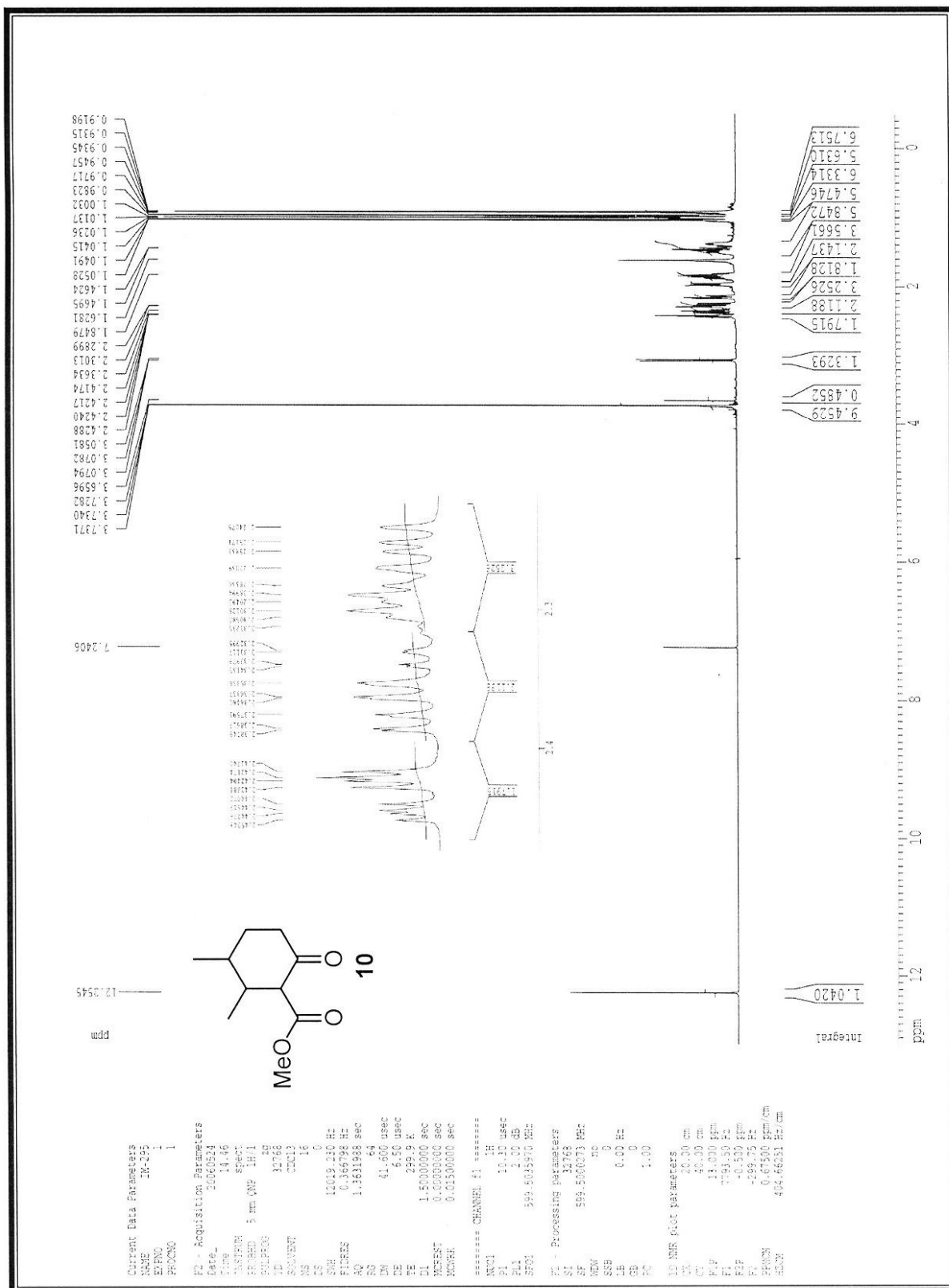
¹H & ¹³C Spectrums



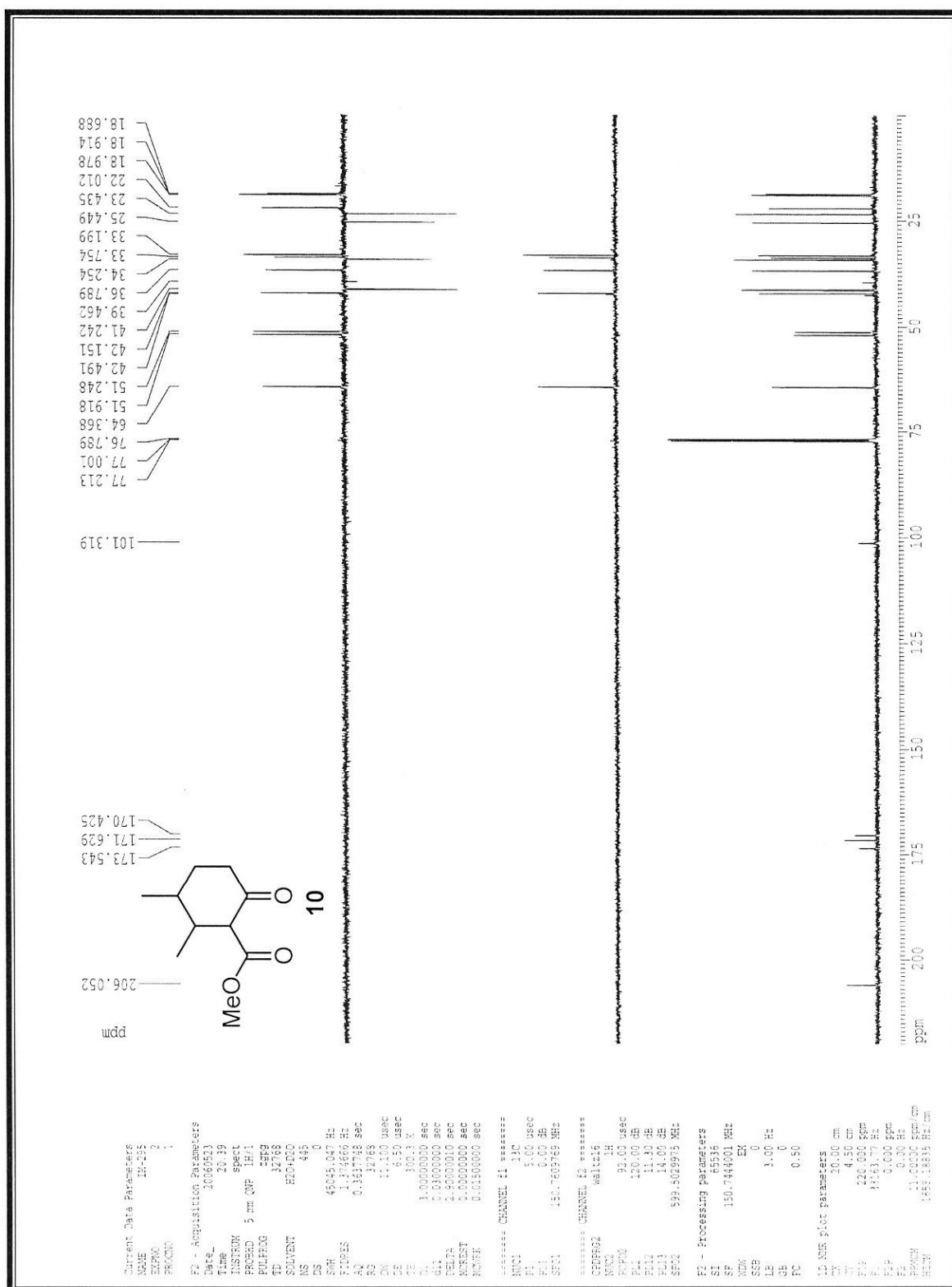
¹H NMR of Compound 8



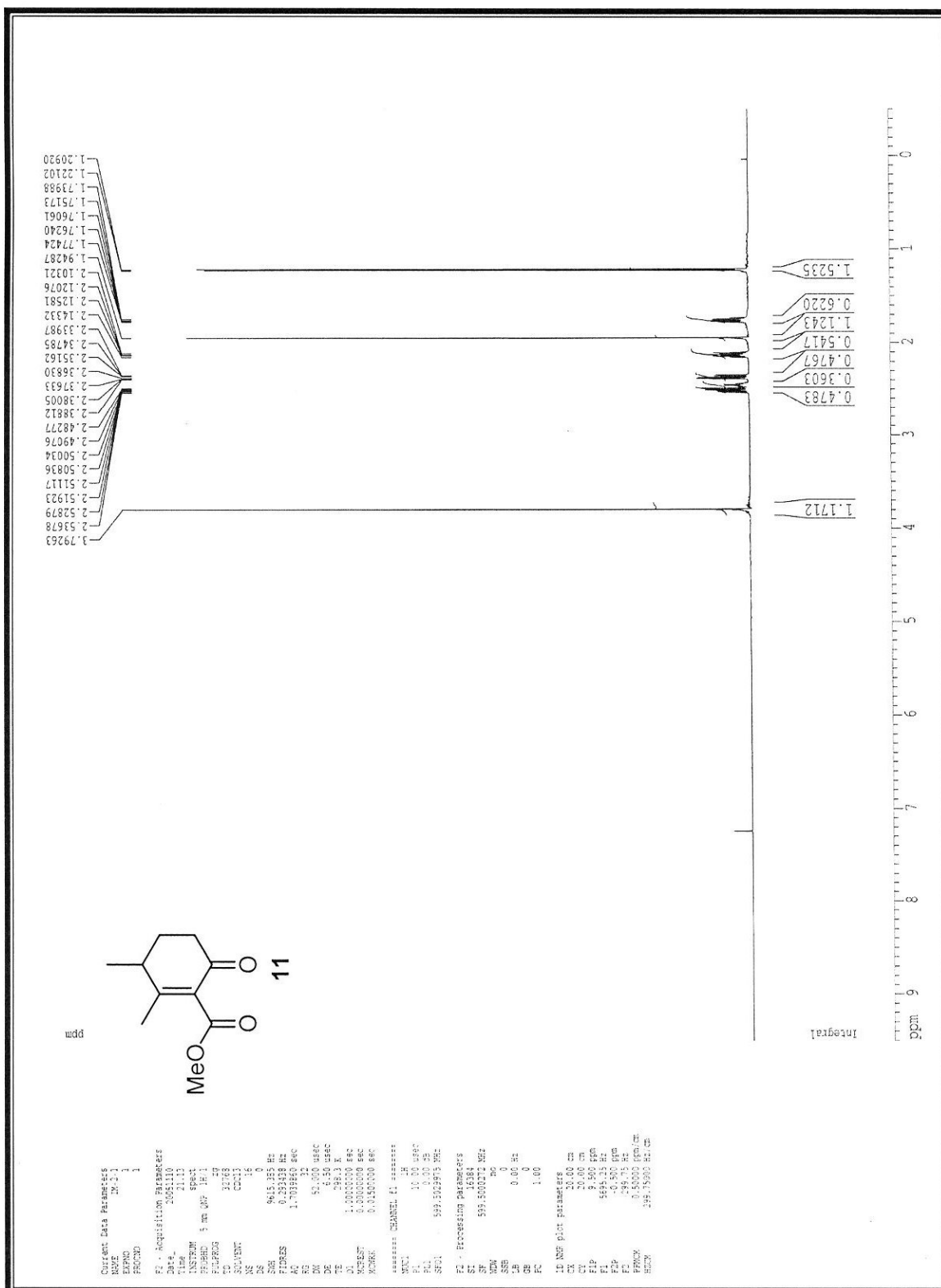
¹³C NMR of Compound **8**



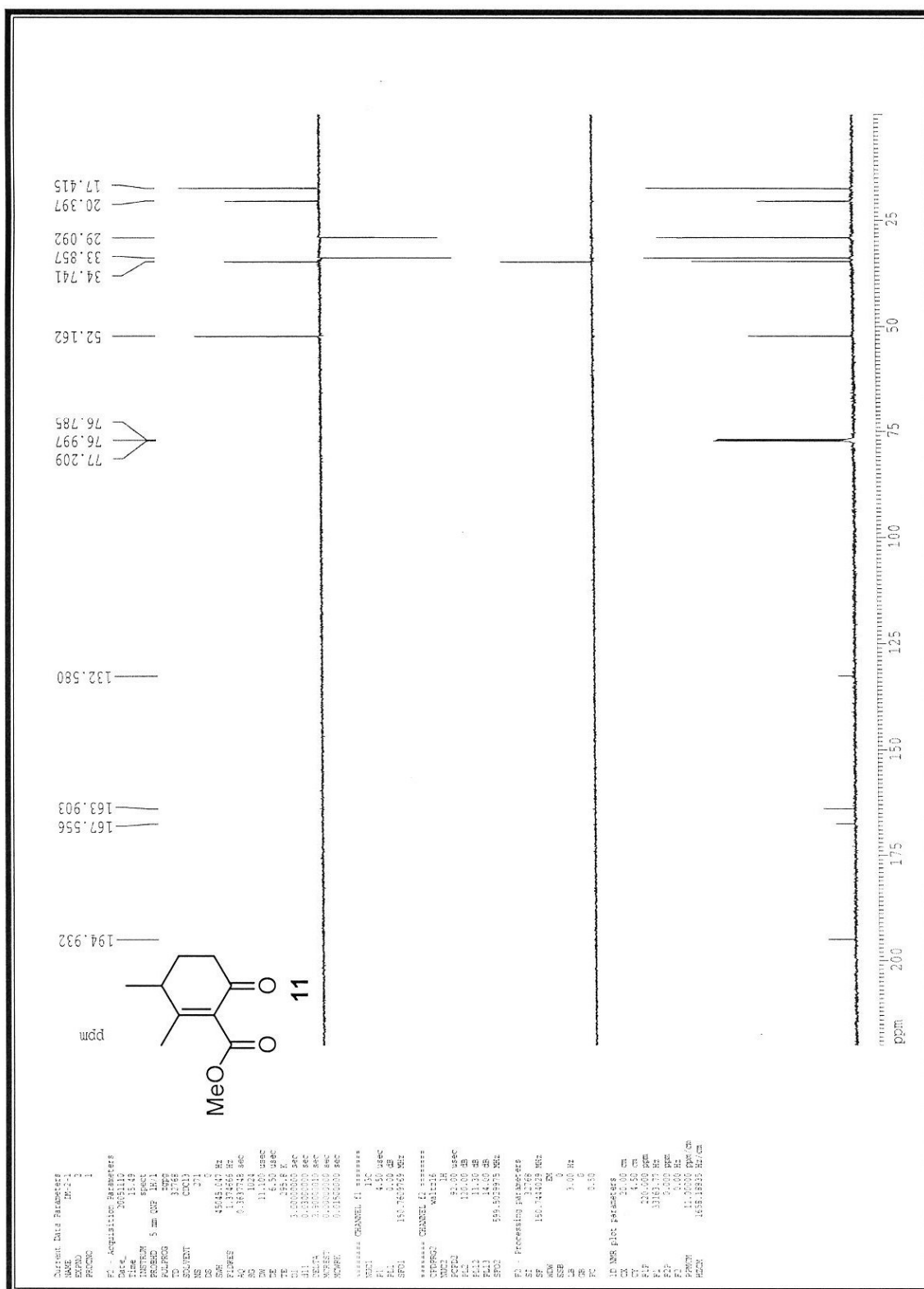
¹H NMR of Compound 10



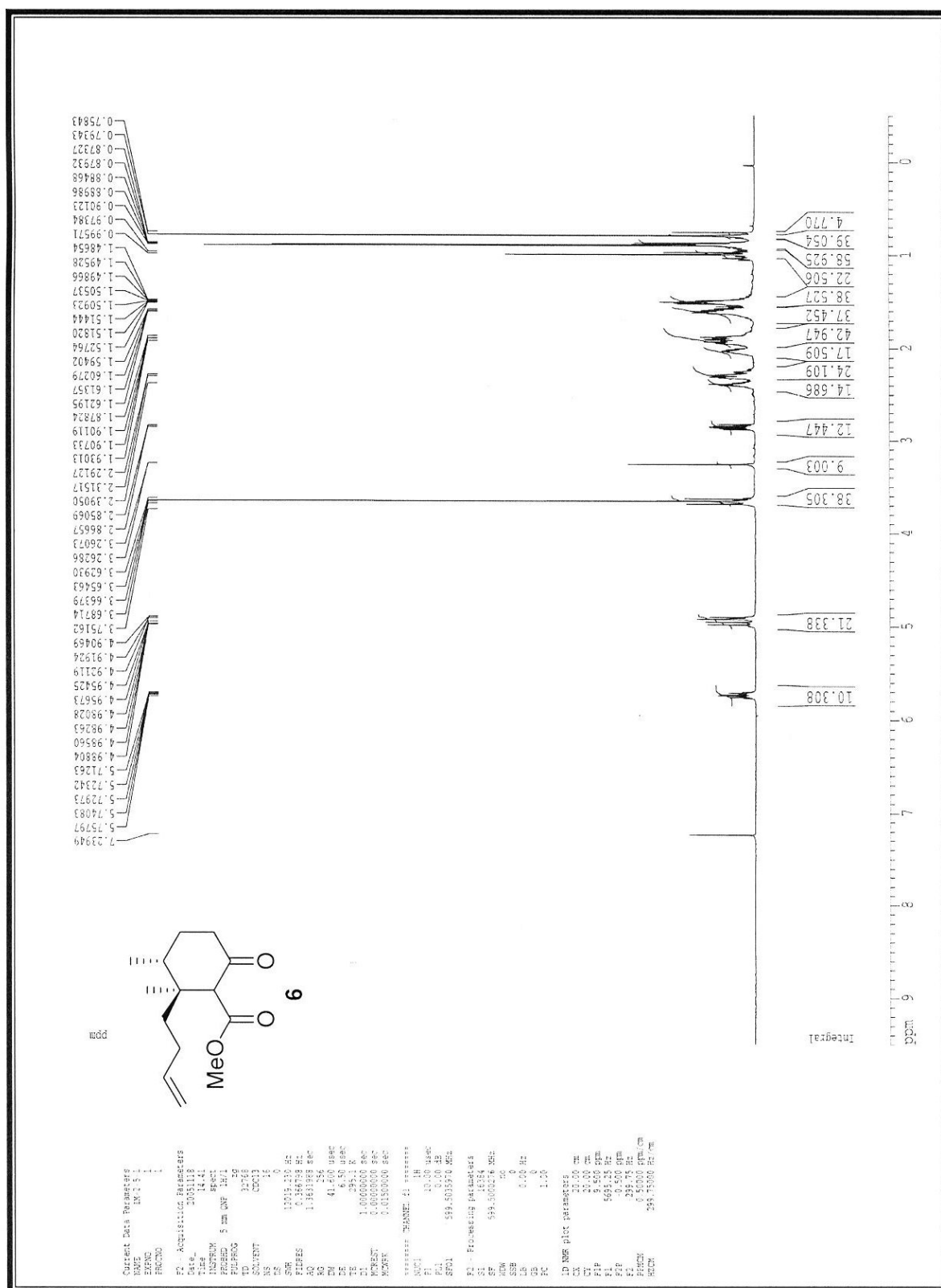
¹³C NMR of Compound 10



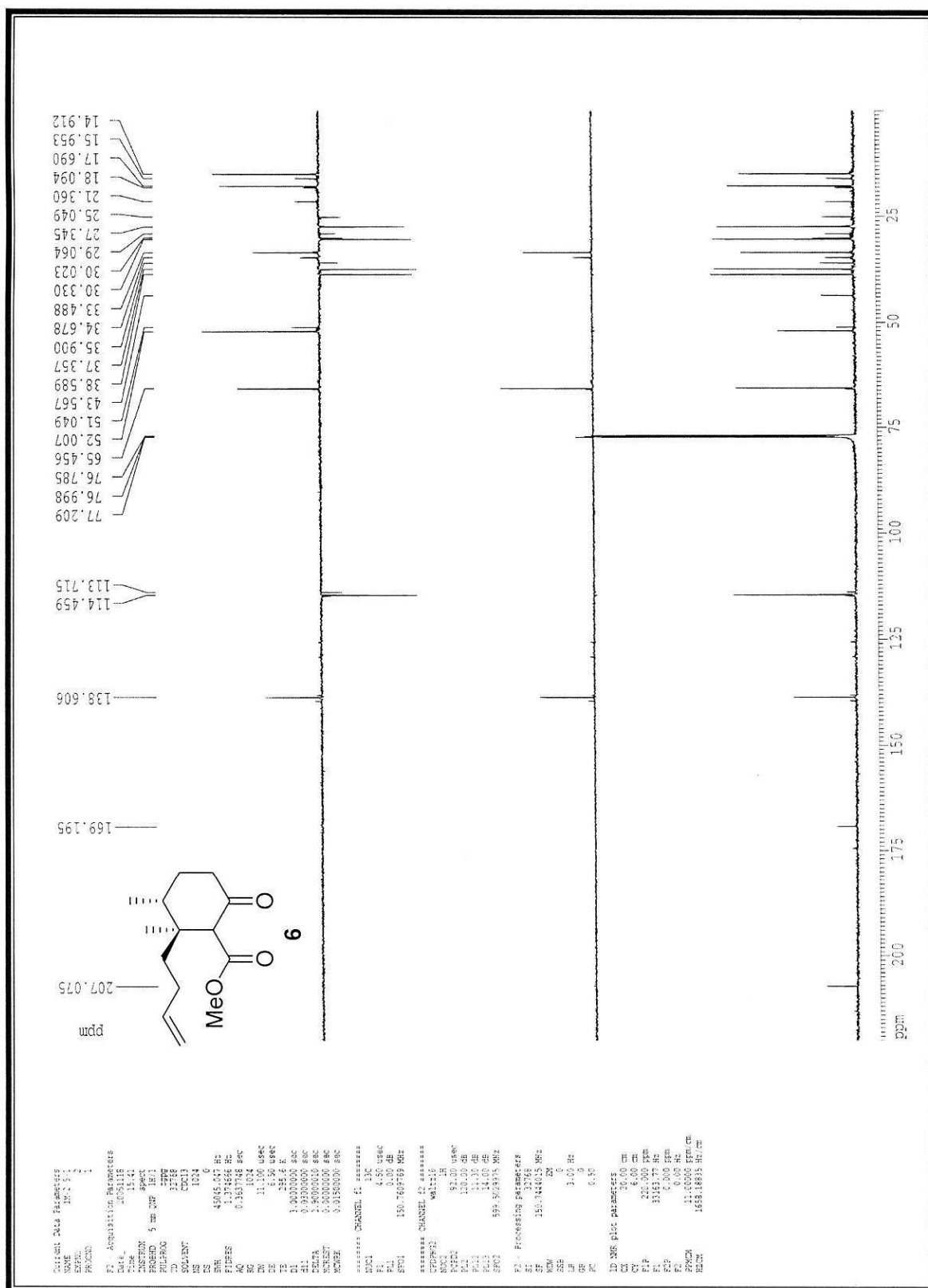
¹H NMR of Compound 11



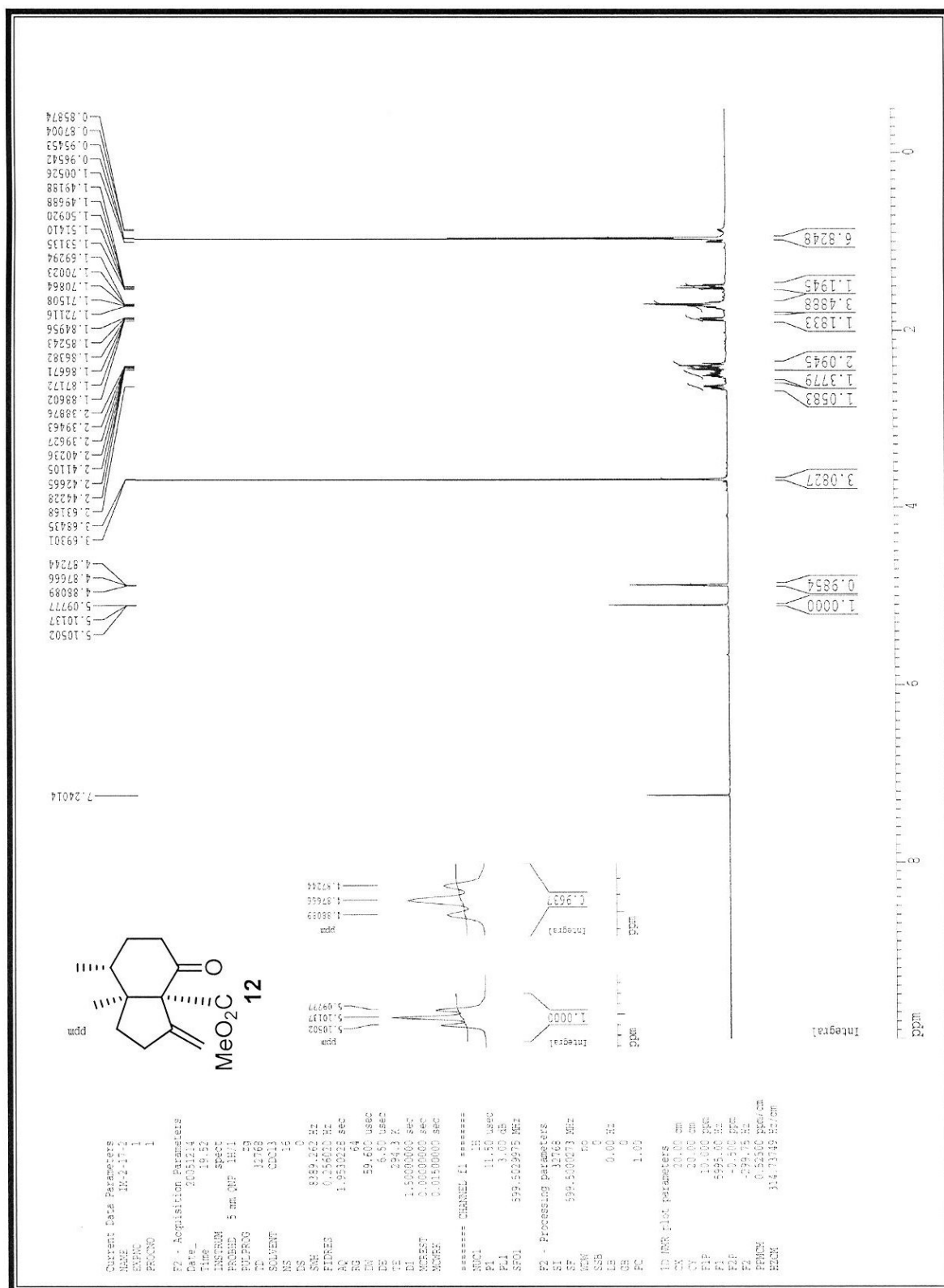
¹³C NMR of Compound **11**



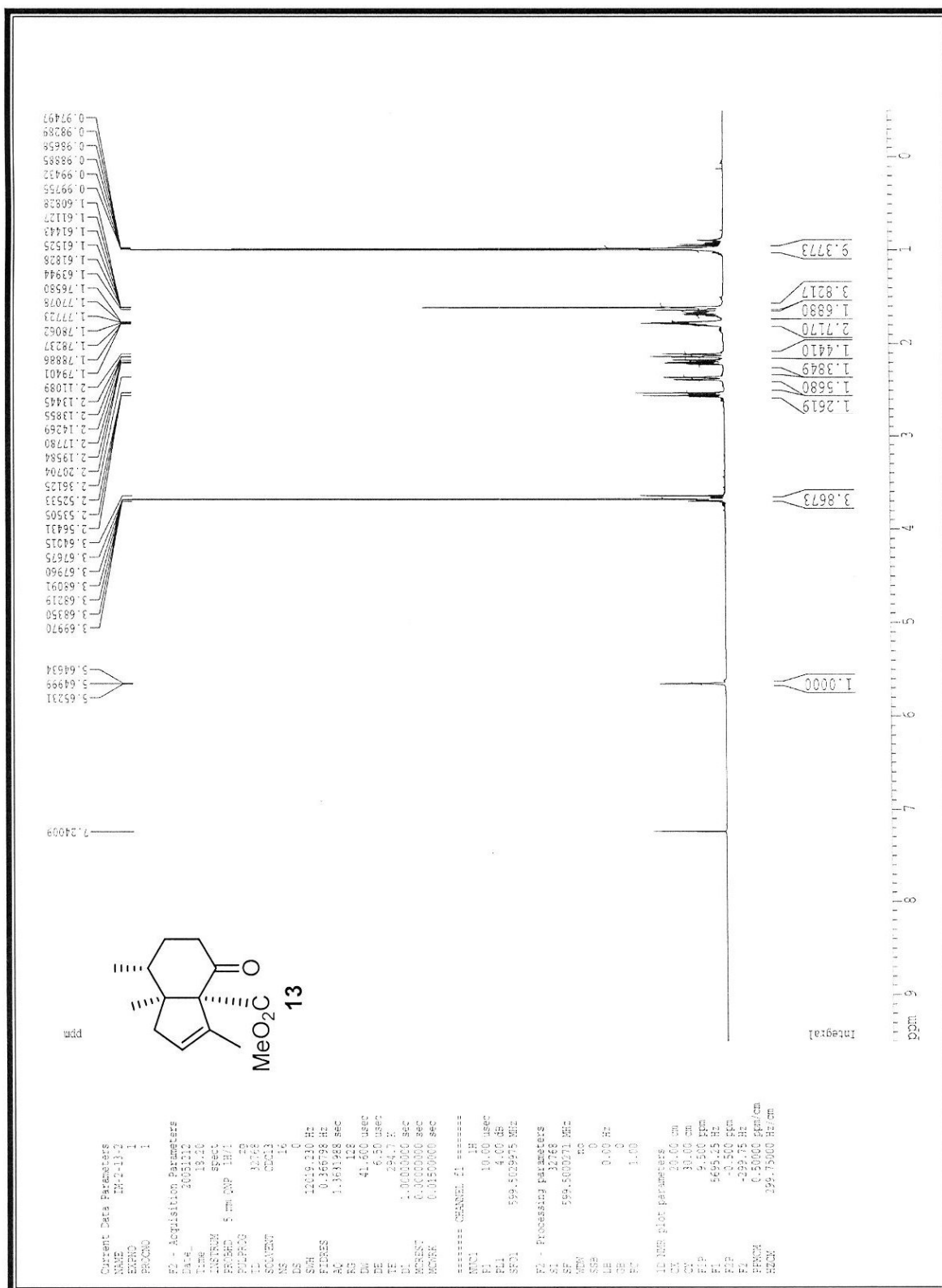
¹H NMR of Compound 6



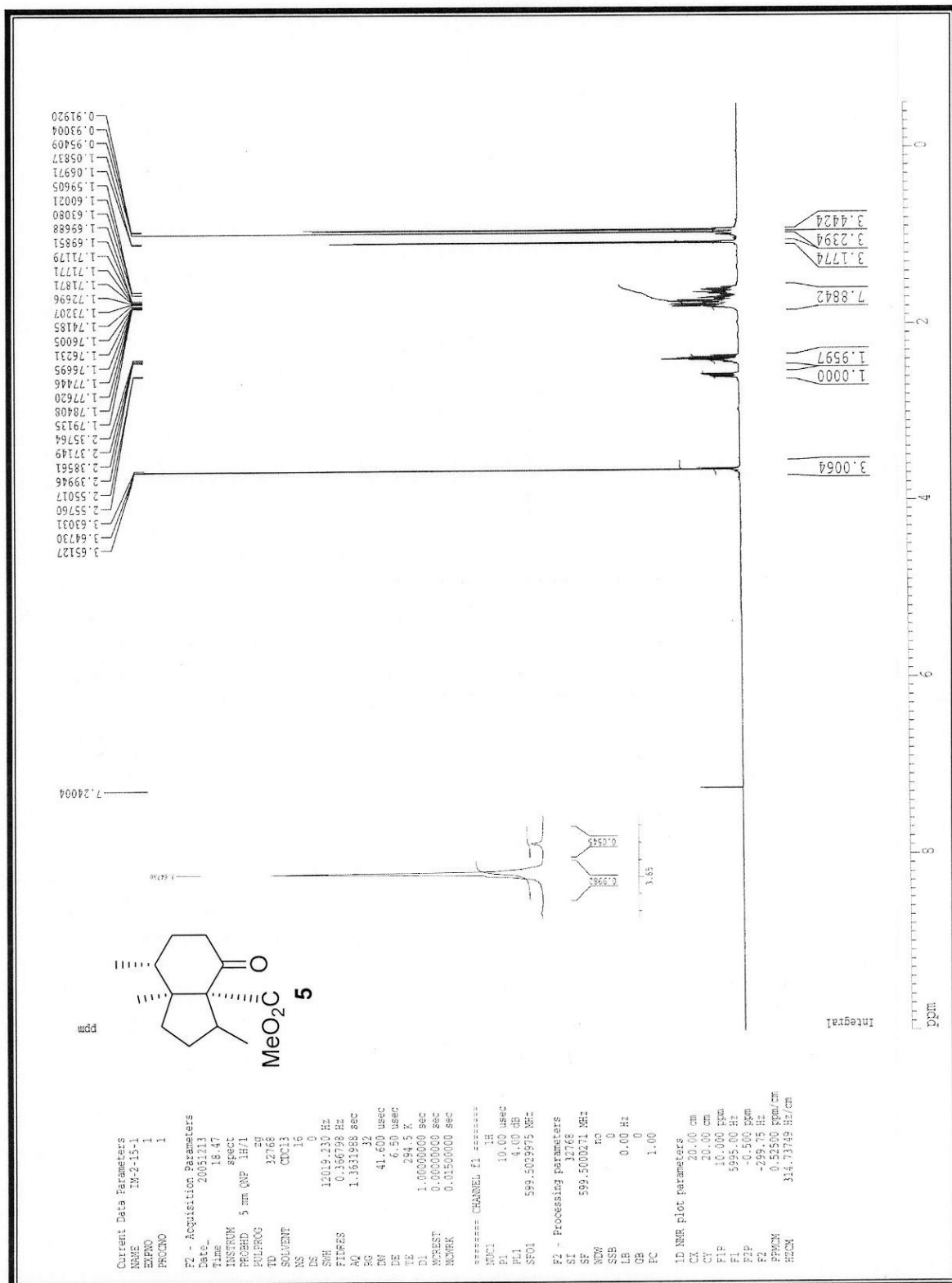
¹³C NMR of Compound 6



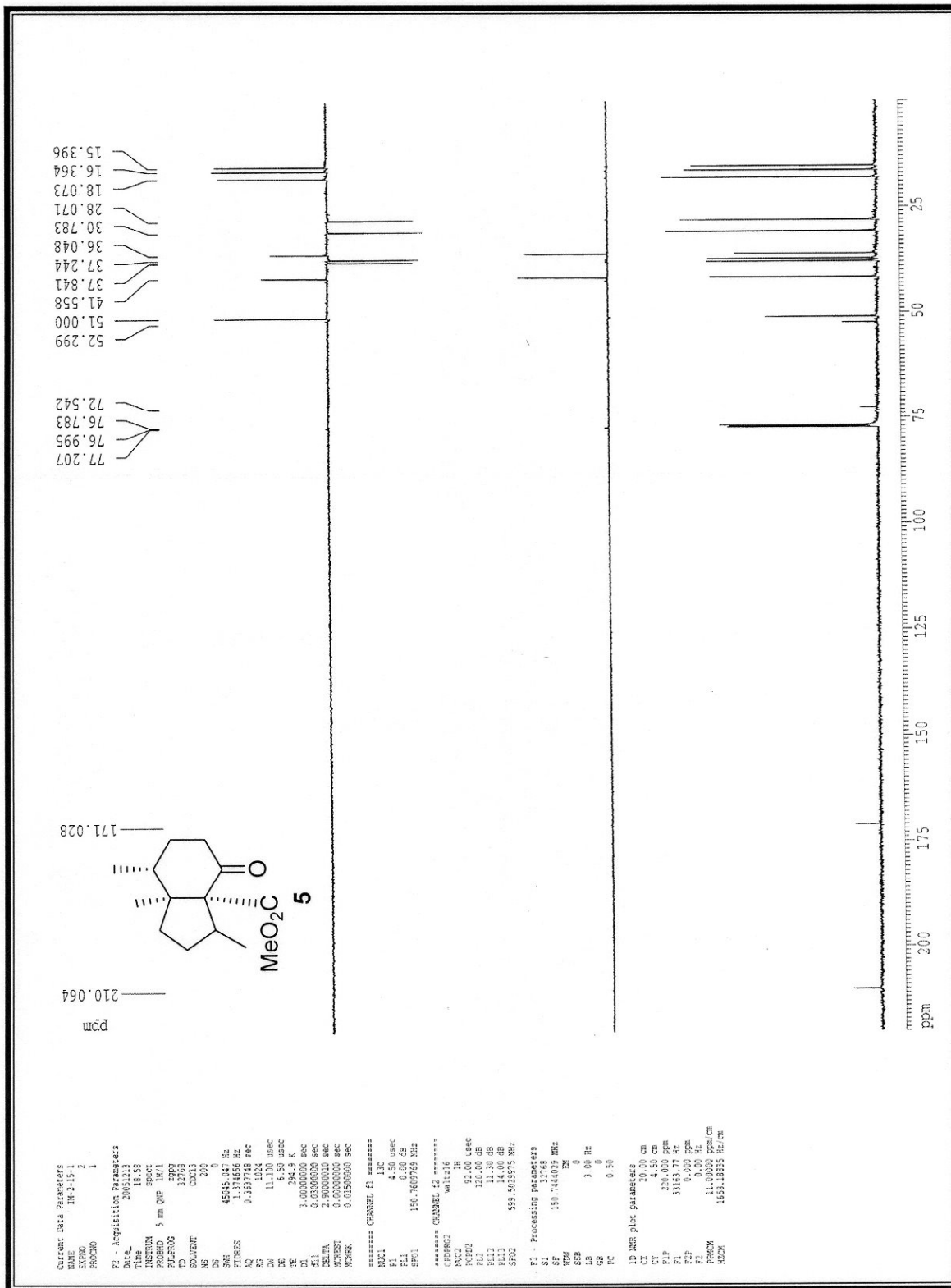
¹H NMR of Compound 12



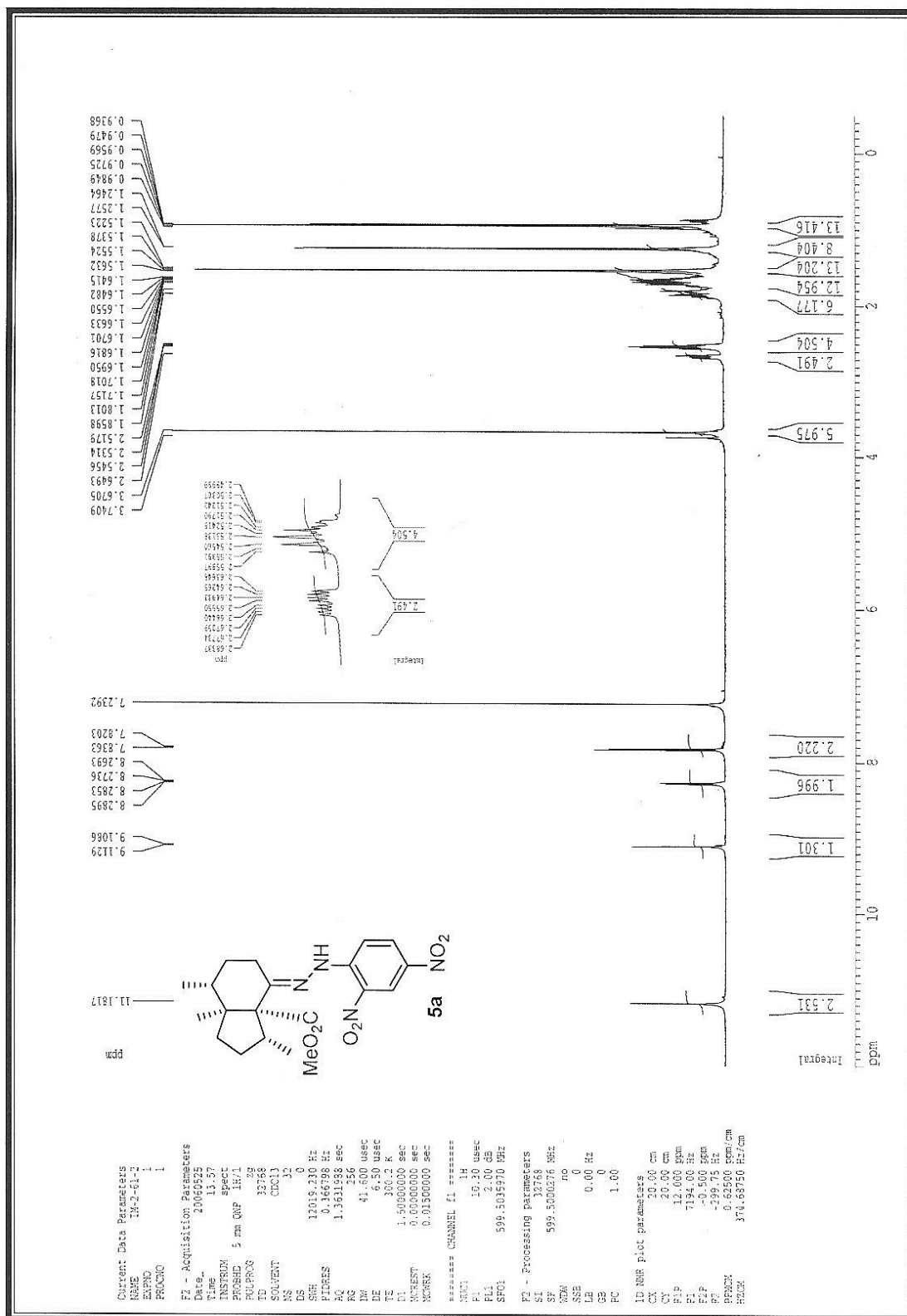
¹H NMR of Compound 13



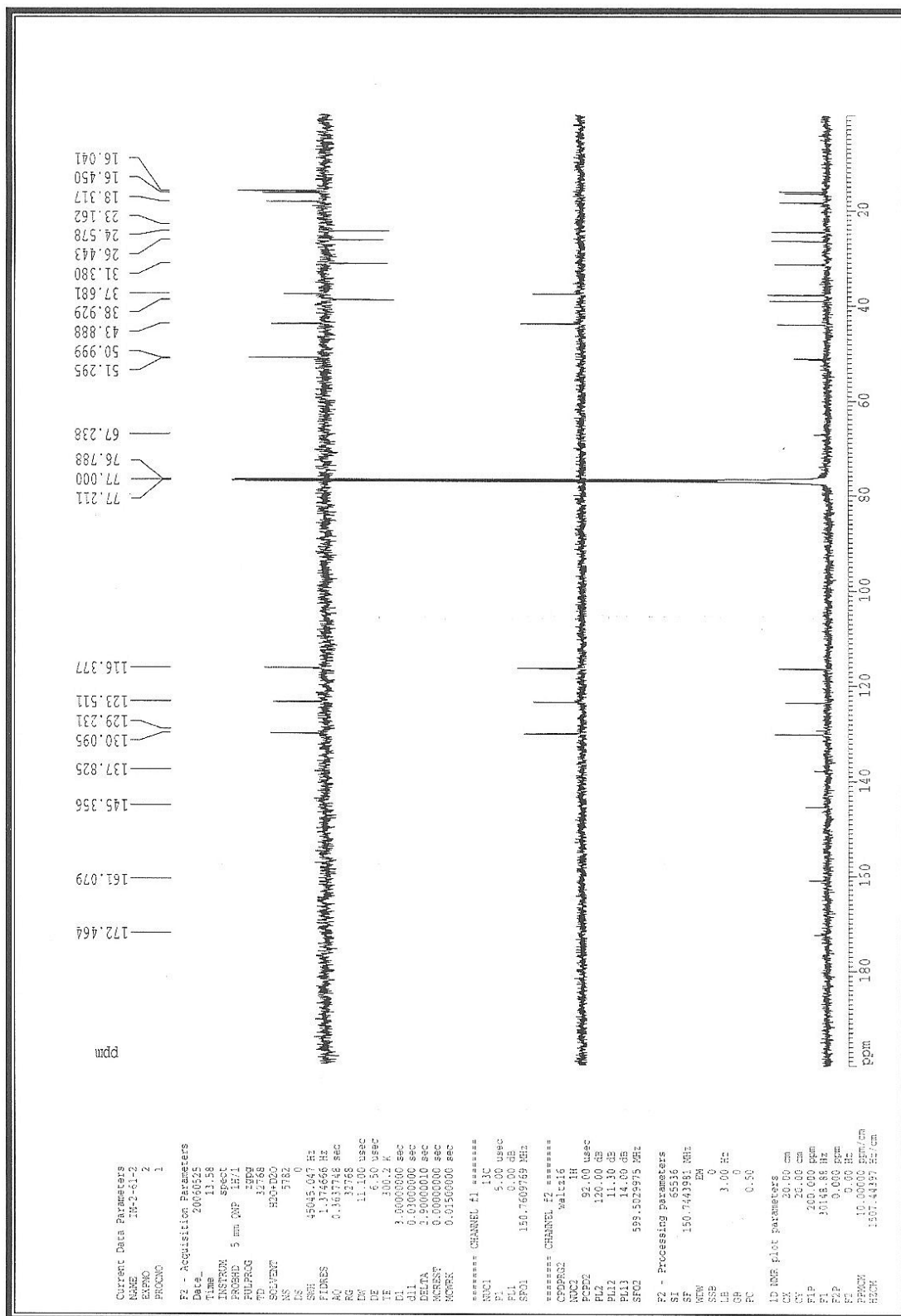
¹H NMR of Compound 5



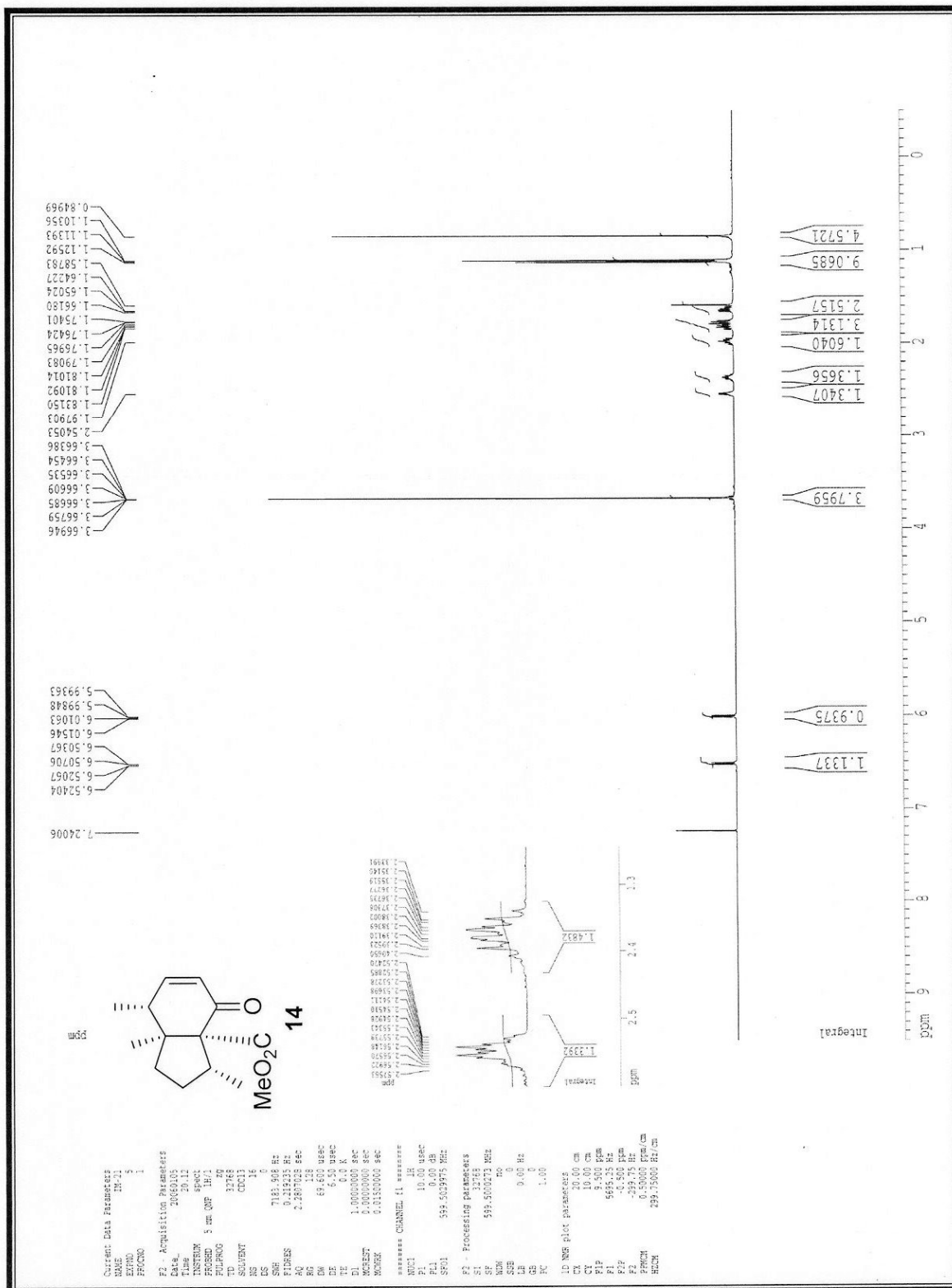
¹³C NMR of Compound 5

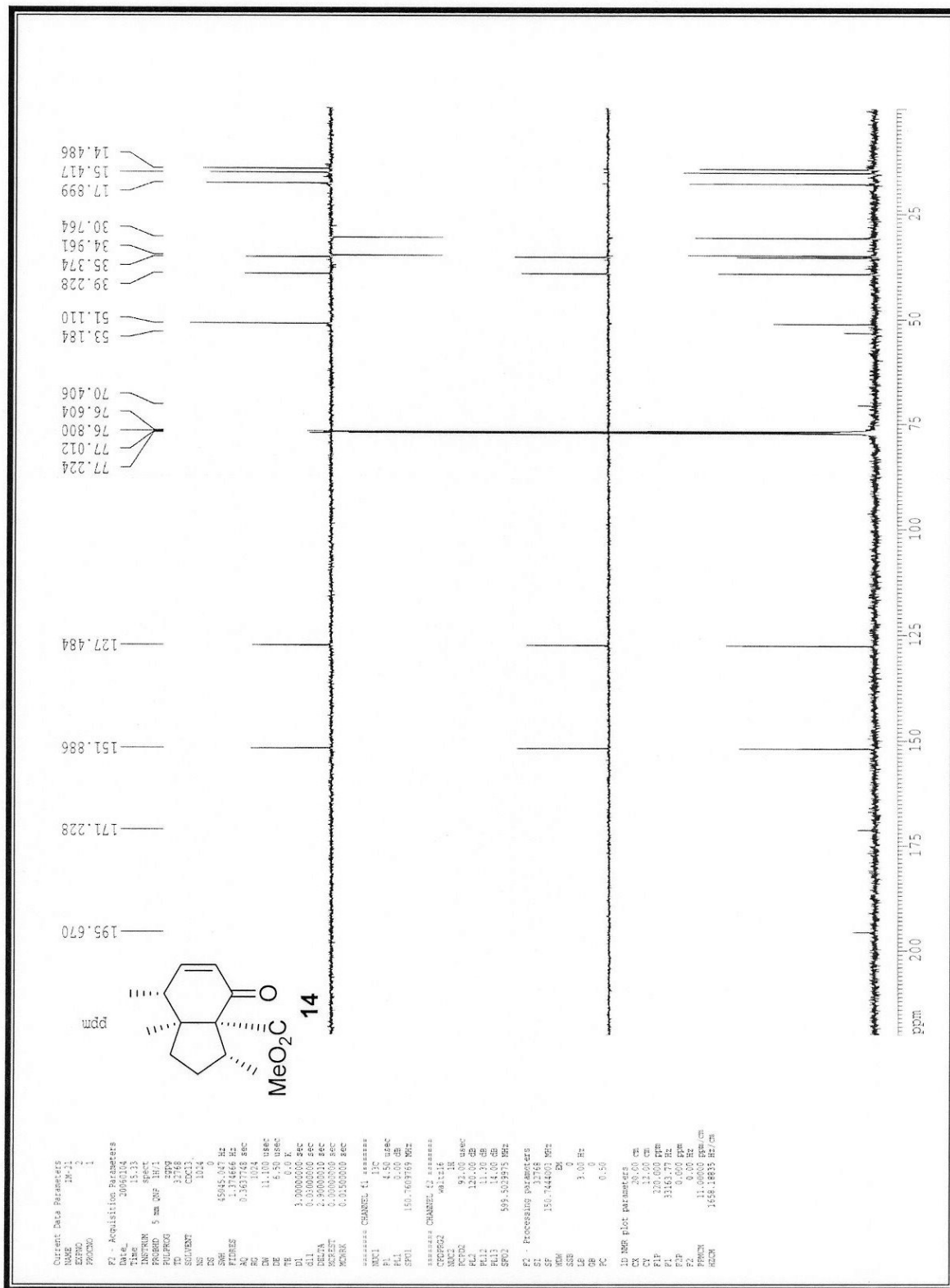


¹H NMR of compound 5a

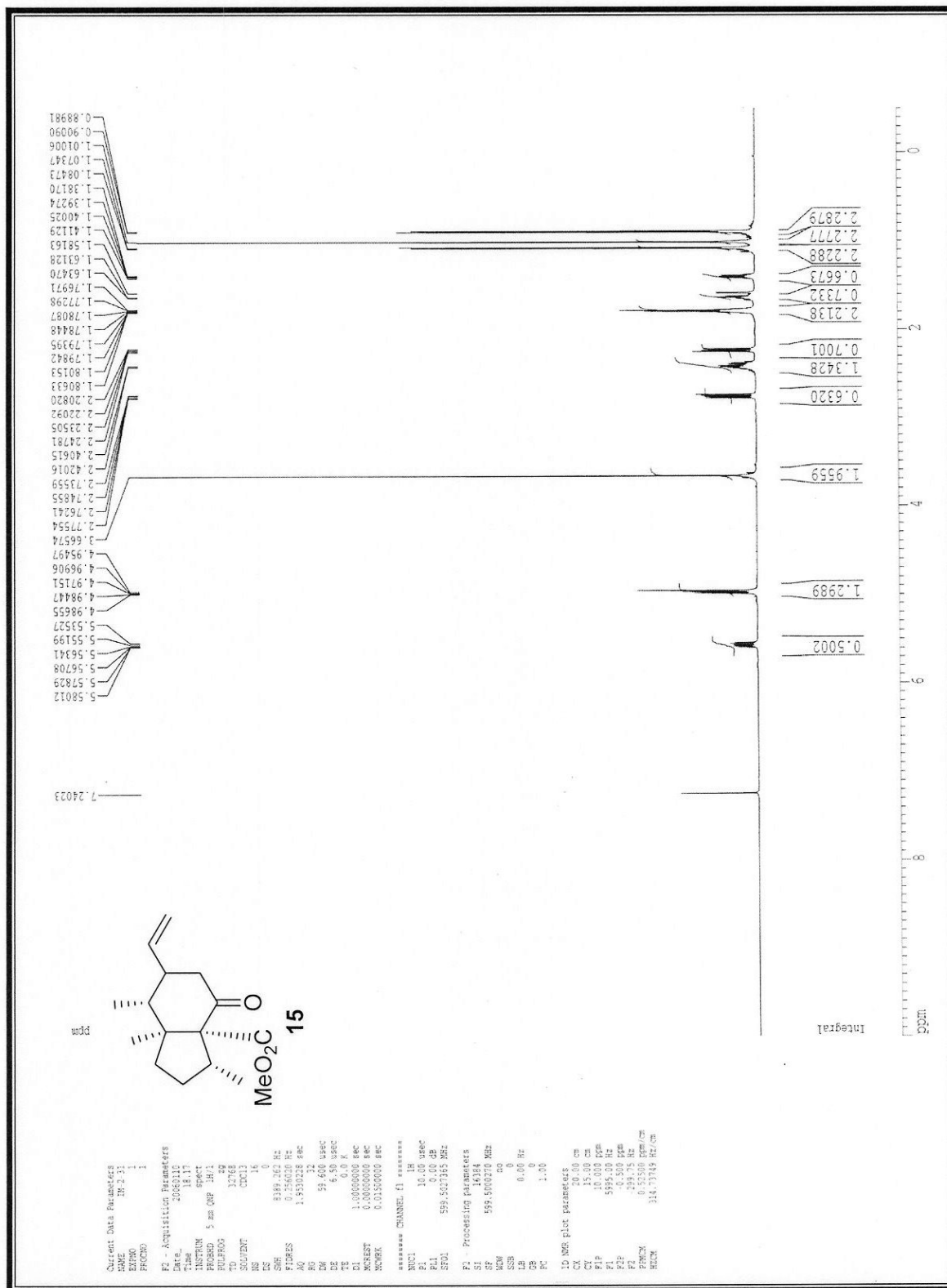


¹³C NMR of compound 5a

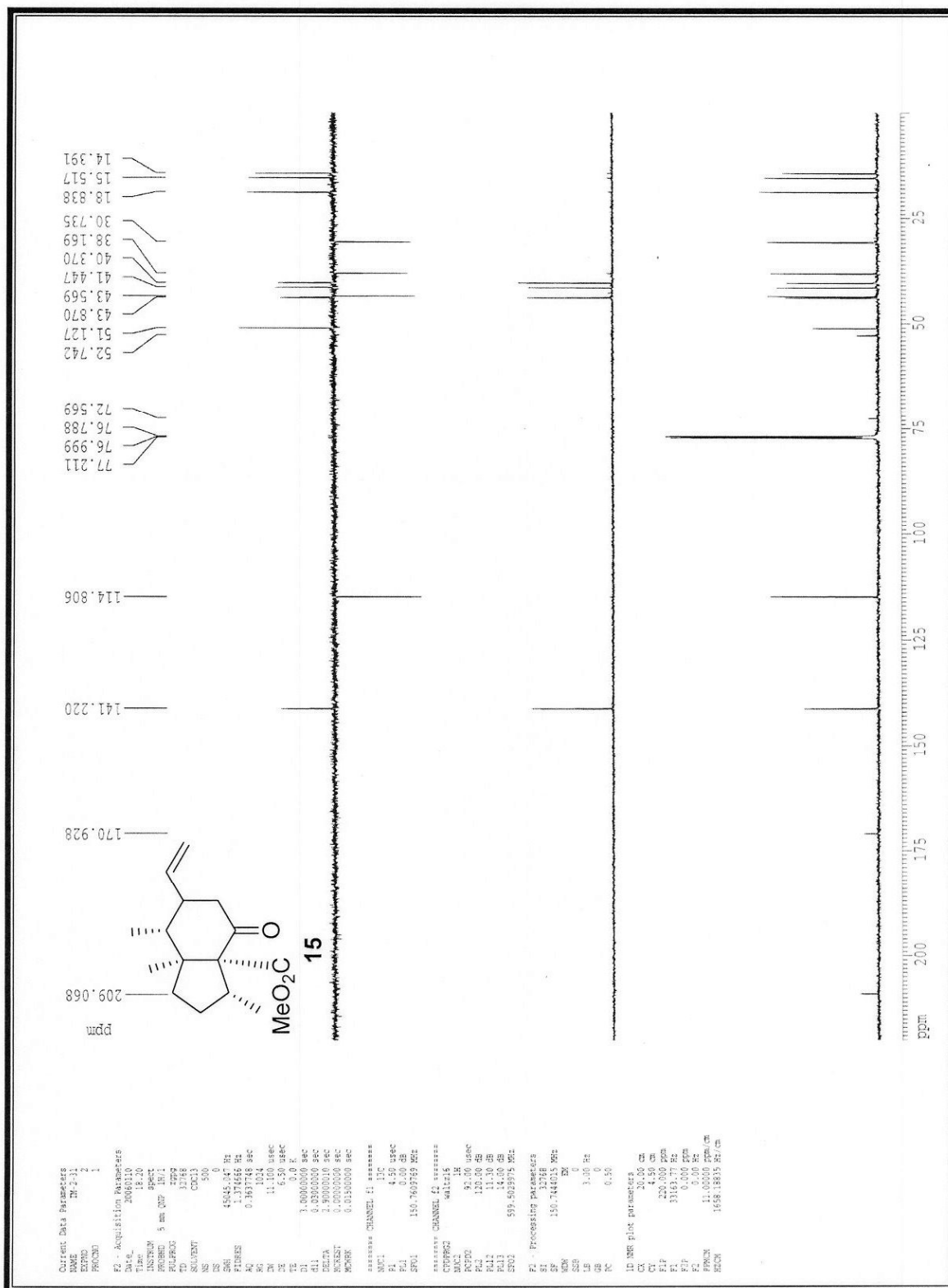




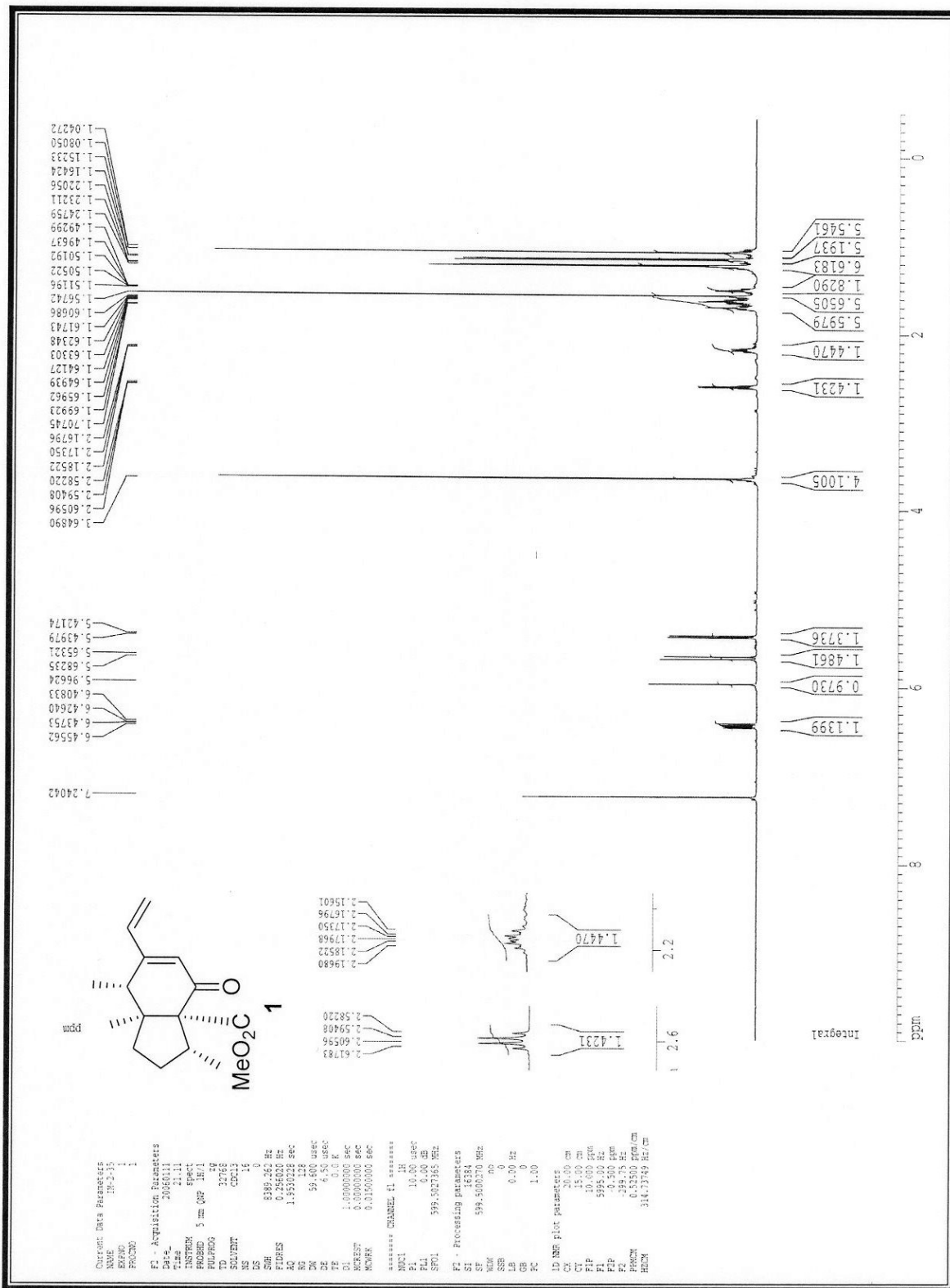
¹³C NMR of Compound 14



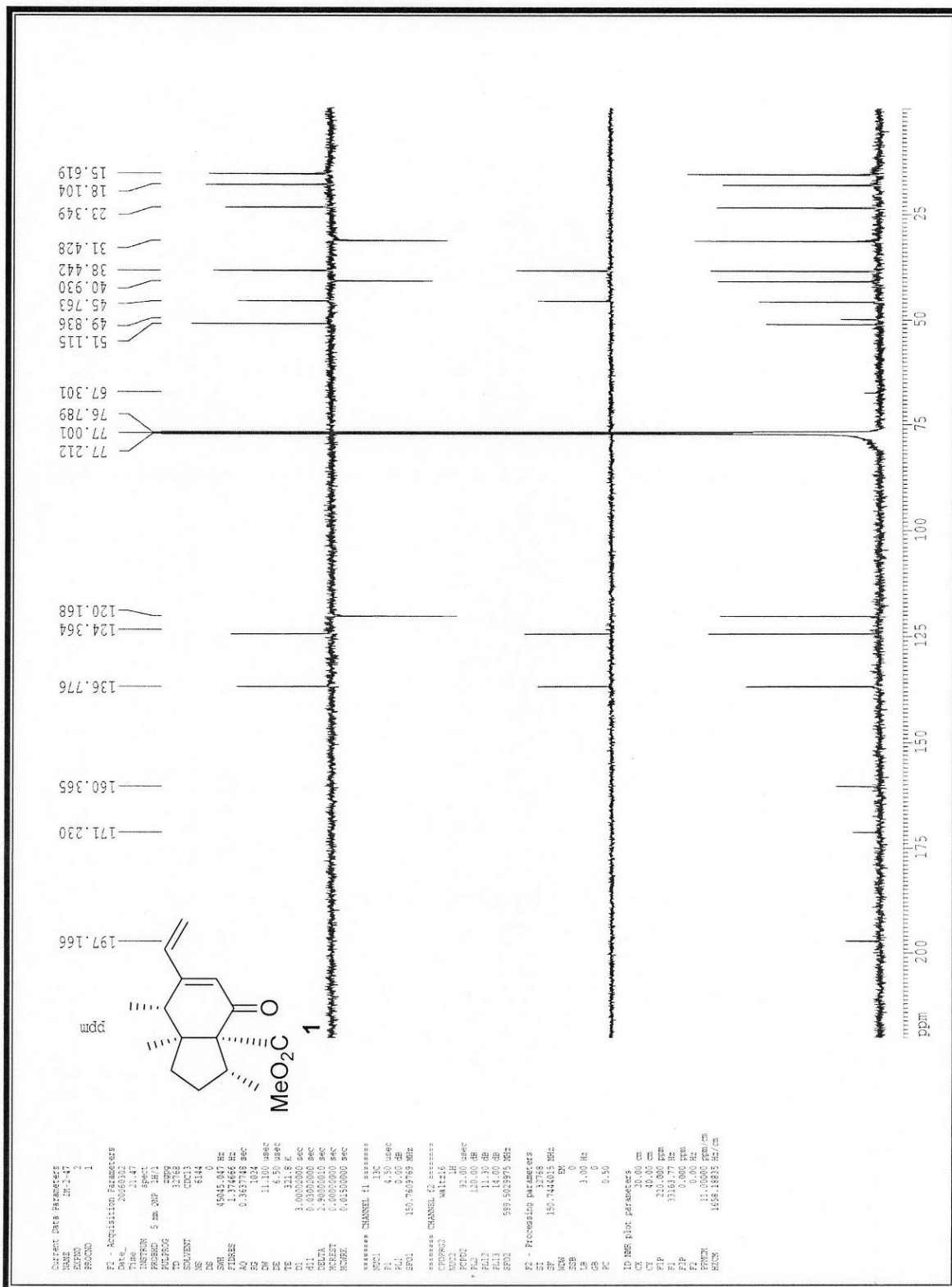
¹H NMR of Compound 15



¹³C NMR of Compound 15



¹H NMR of Compound 1



¹³C NMR of Compound 1

The X-ray crystallographic picture of **5a**, a 2,4-DNP derivative of the major component of **5**, which was deposited as CCDC 706353 in Cambridge Crystallographic Data Centre.

