

Supporting Information
for
Sequential Diels–Alder/[3,3]-sigmatropic
rearrangement reactions of β -nitrostyrene with 3-
methyl-1,3-pentadiene

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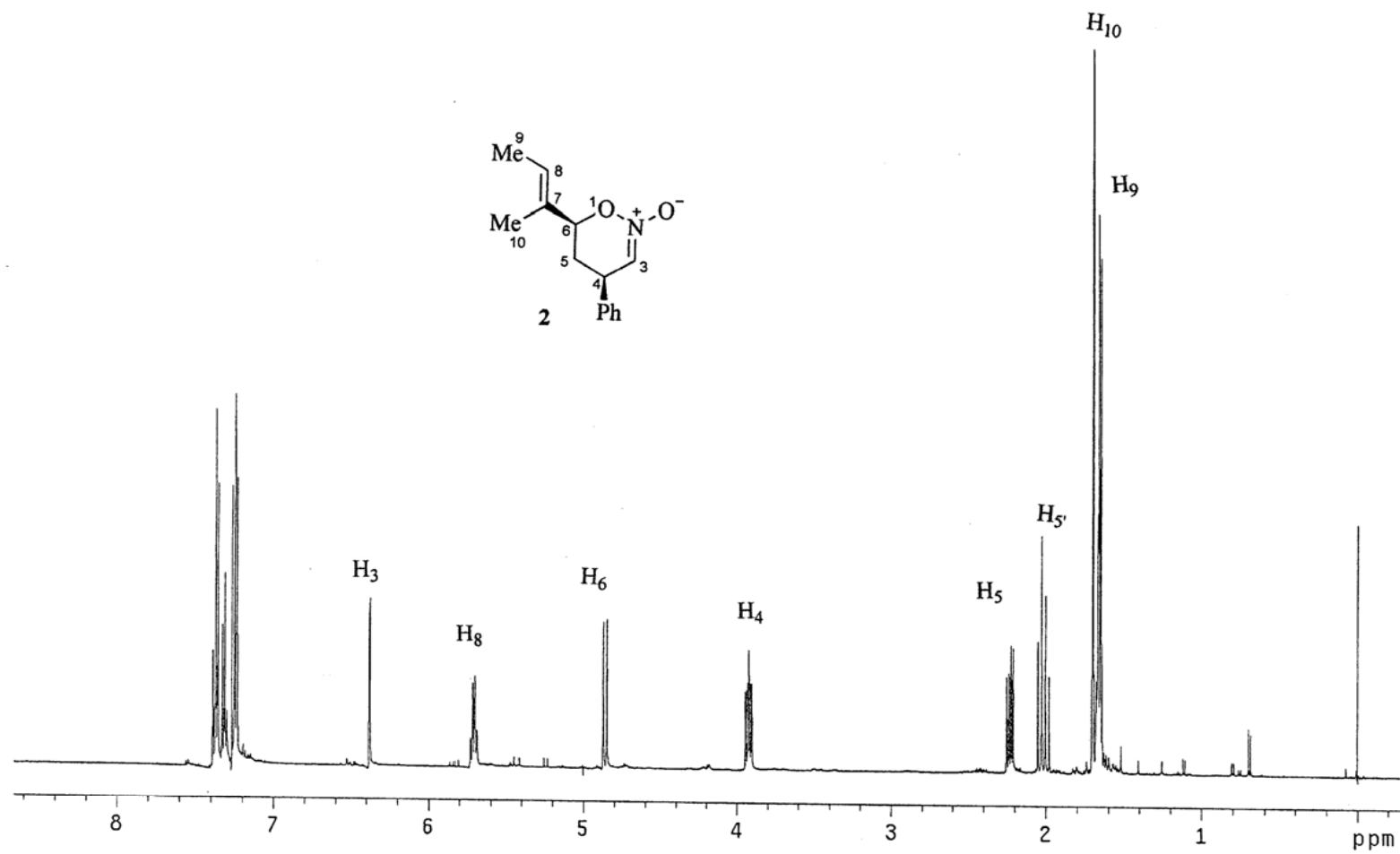
Email: Peter A. Wade – wadepa@drexel.edu

* Corresponding author

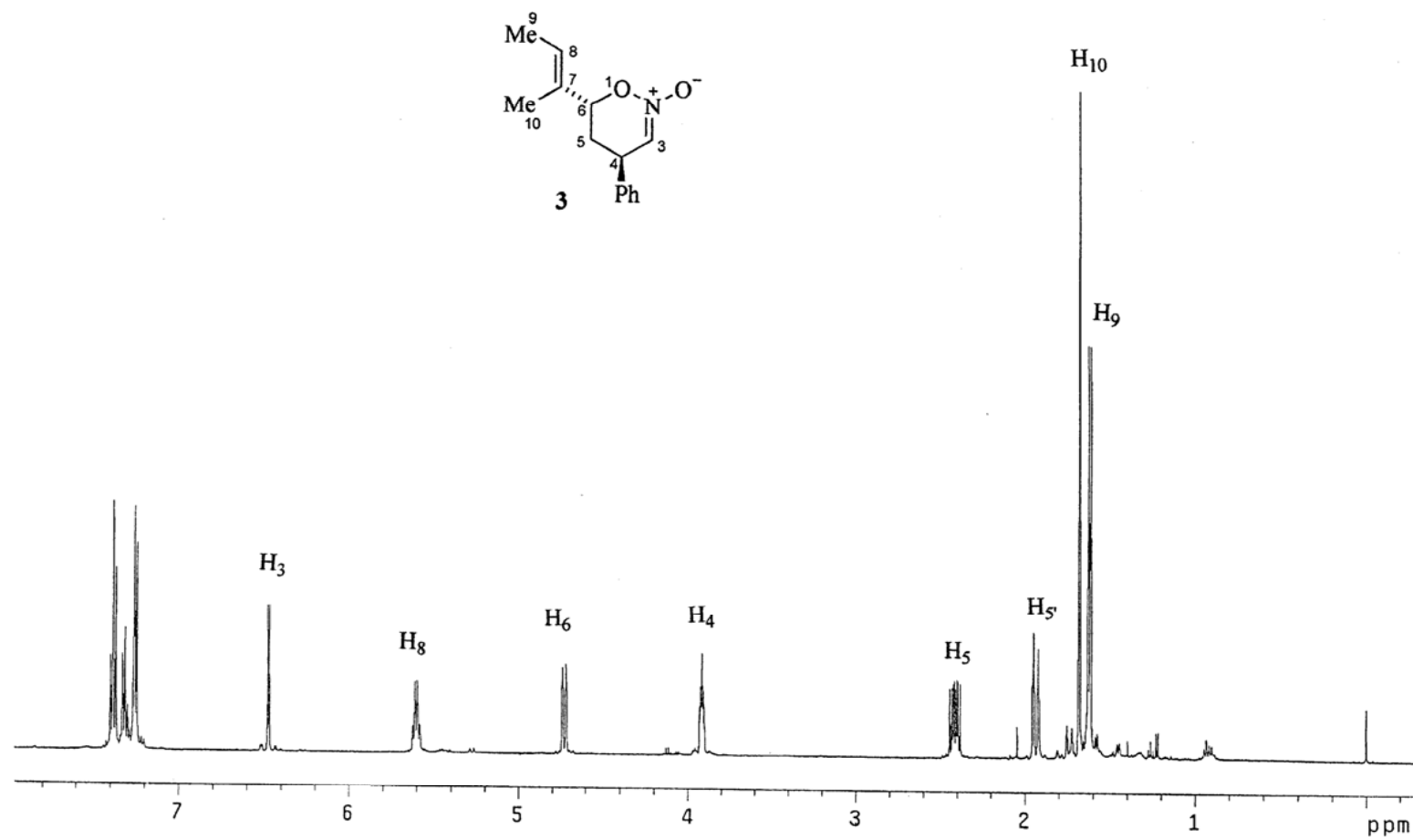
NMR spectra and signal assignments for compounds 2–7,
12, 13, 16, and 18–20

¹ H NMR spectra and signal assignments for 2–7, 12, 13, 16, 18–20	S2–S14
¹³ C NMR spectra and signal assignments for 2–7, 12, 13, 18–20	S15–S26
DEPT spectra for 2, 4, and 12	S27–S29

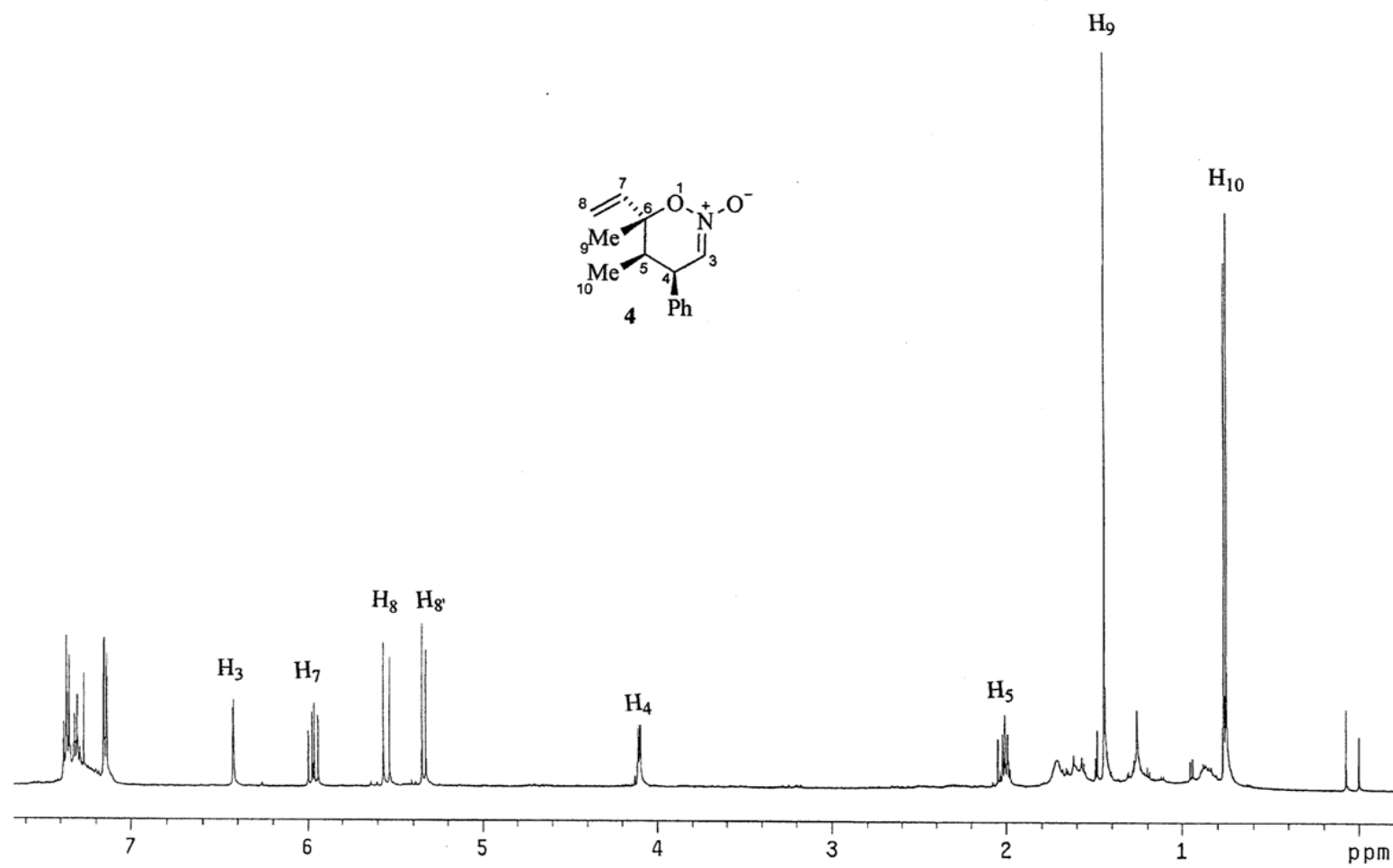
^1H NMR Spectrum



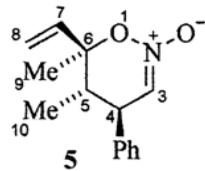
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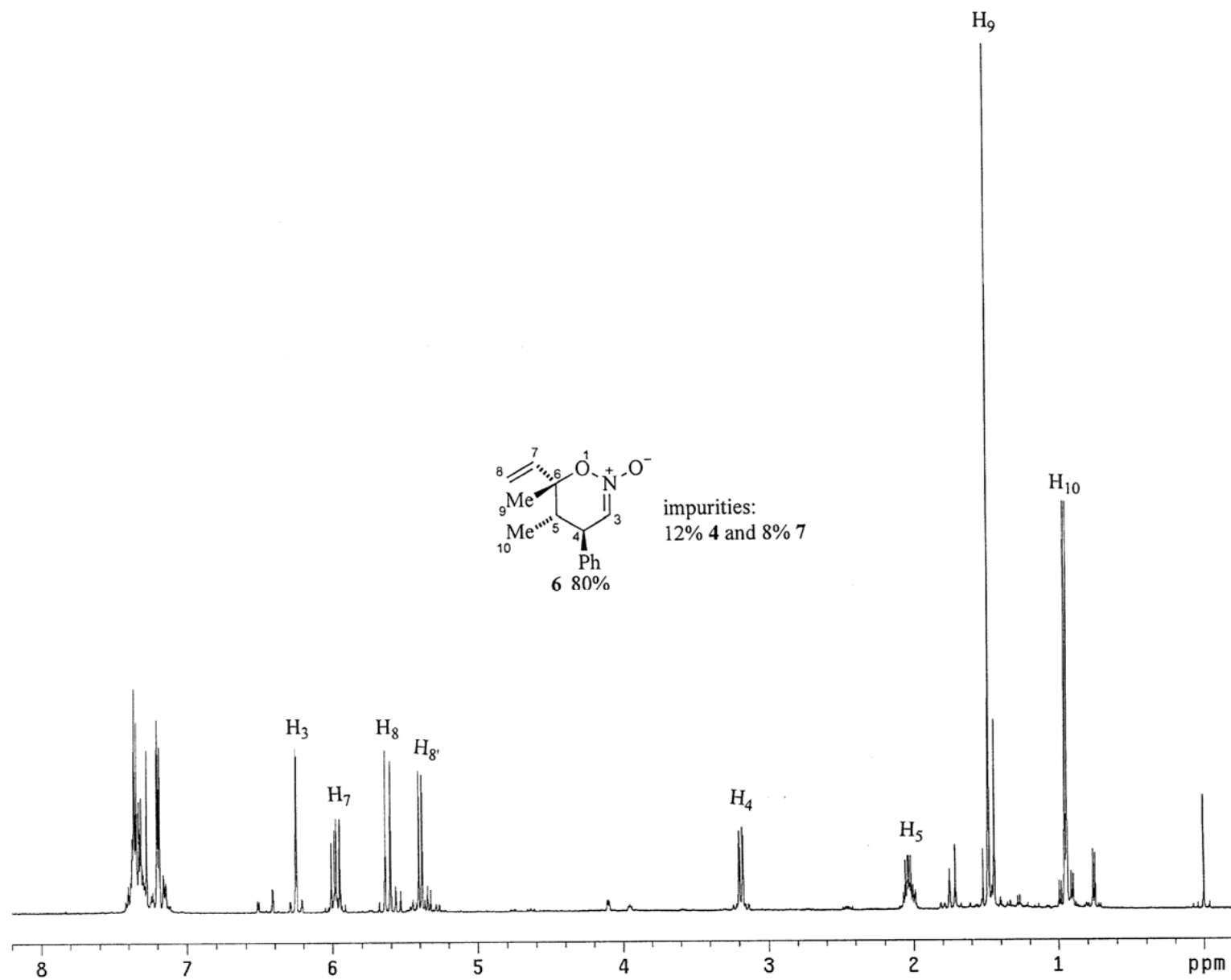
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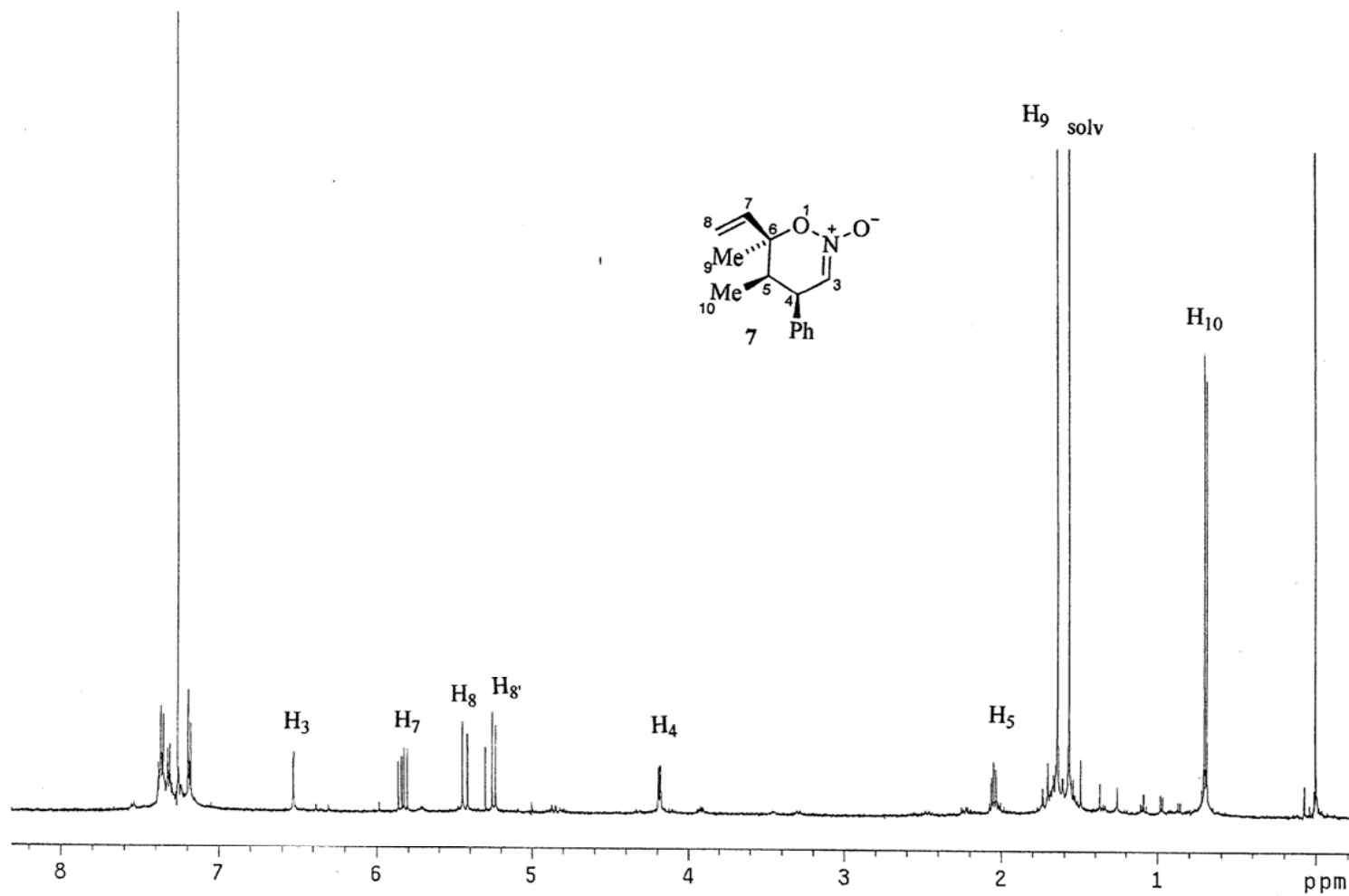
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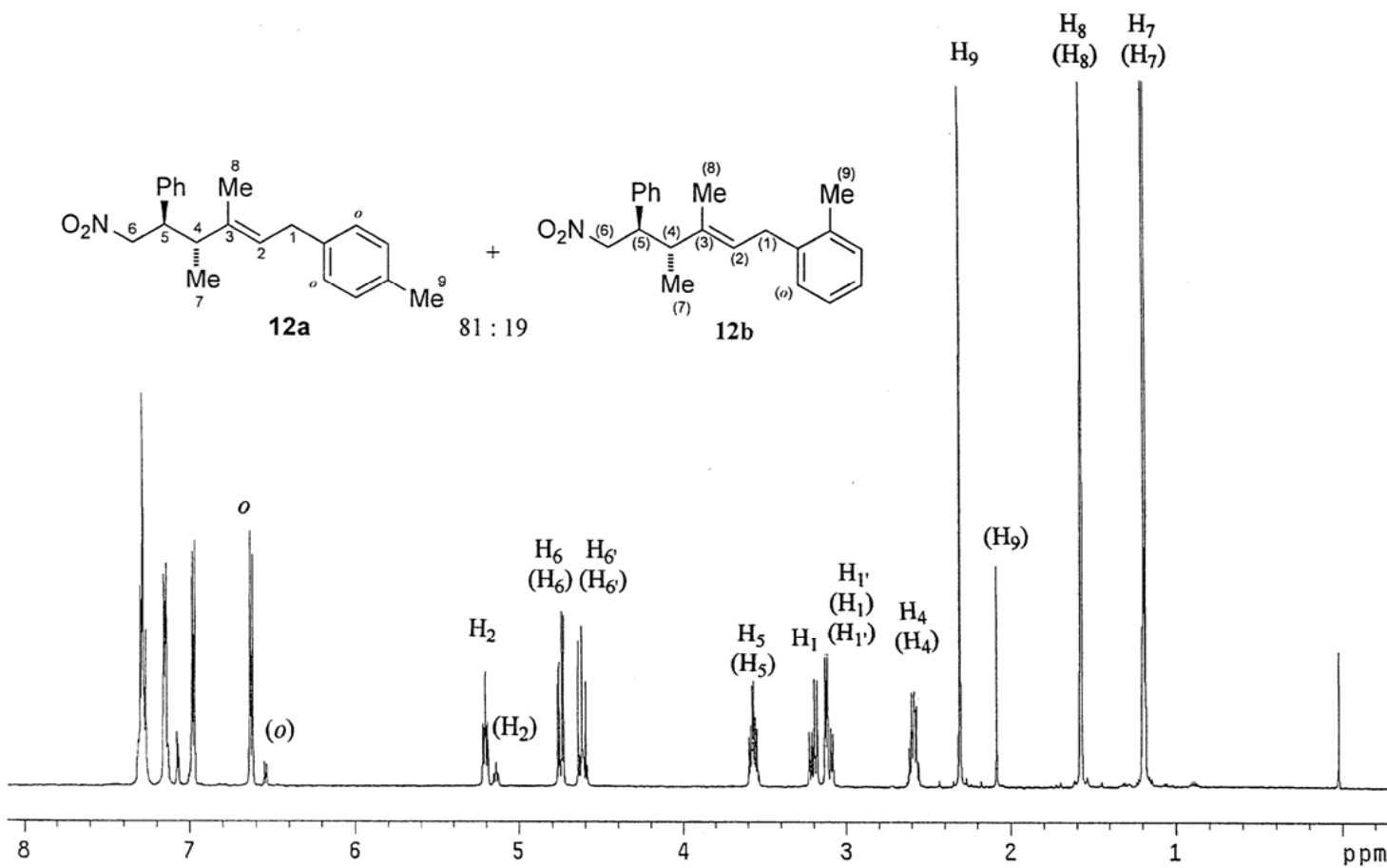
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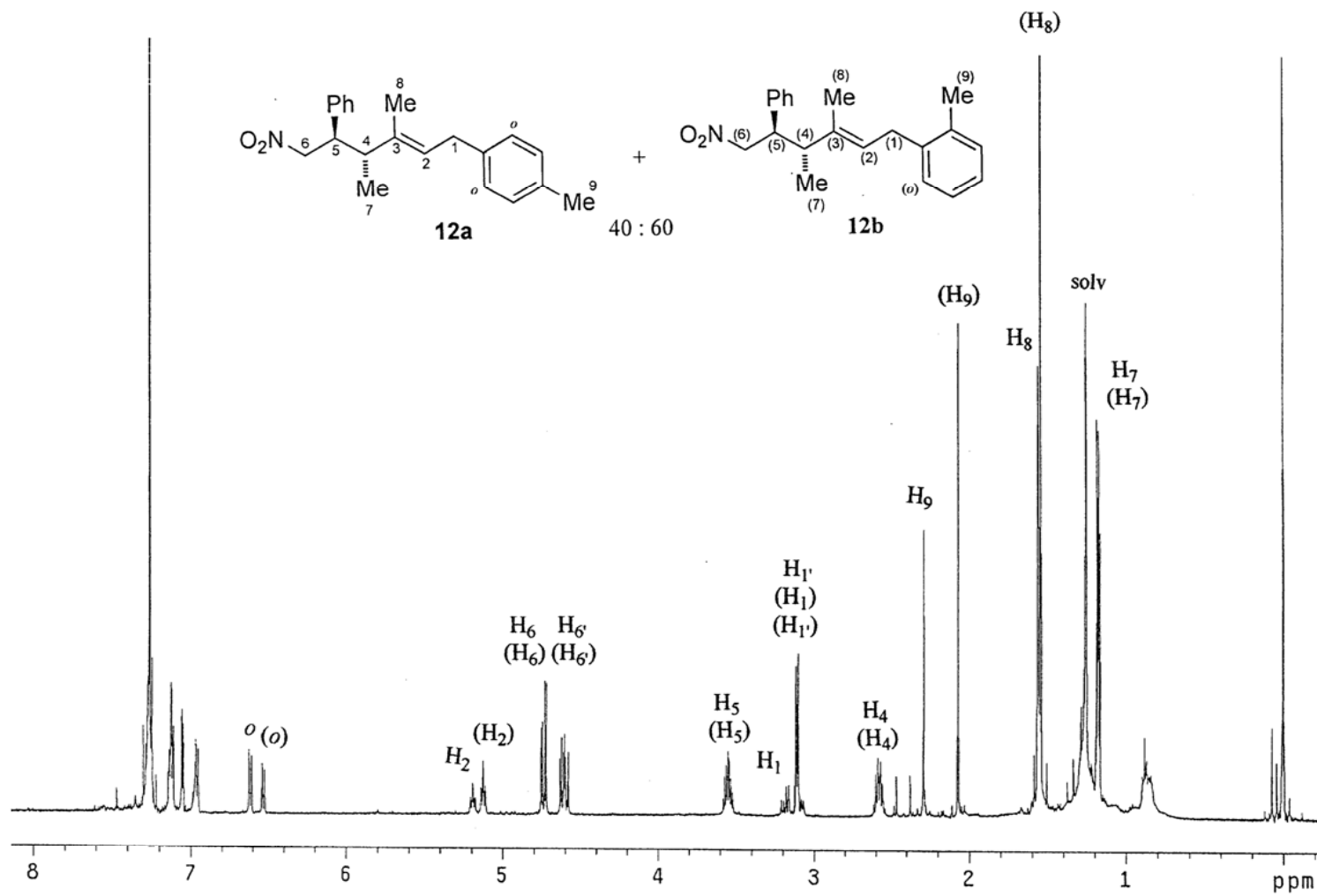
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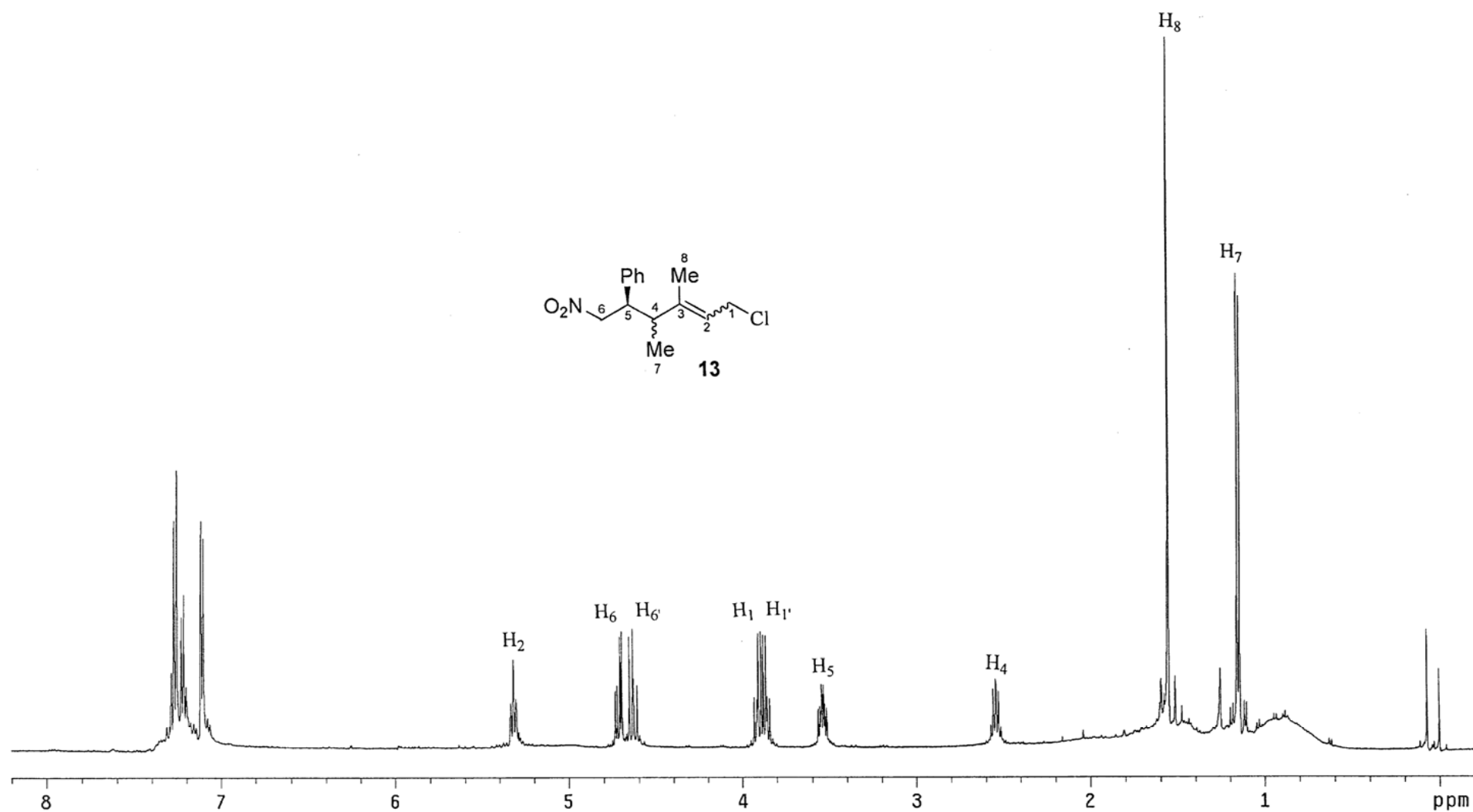
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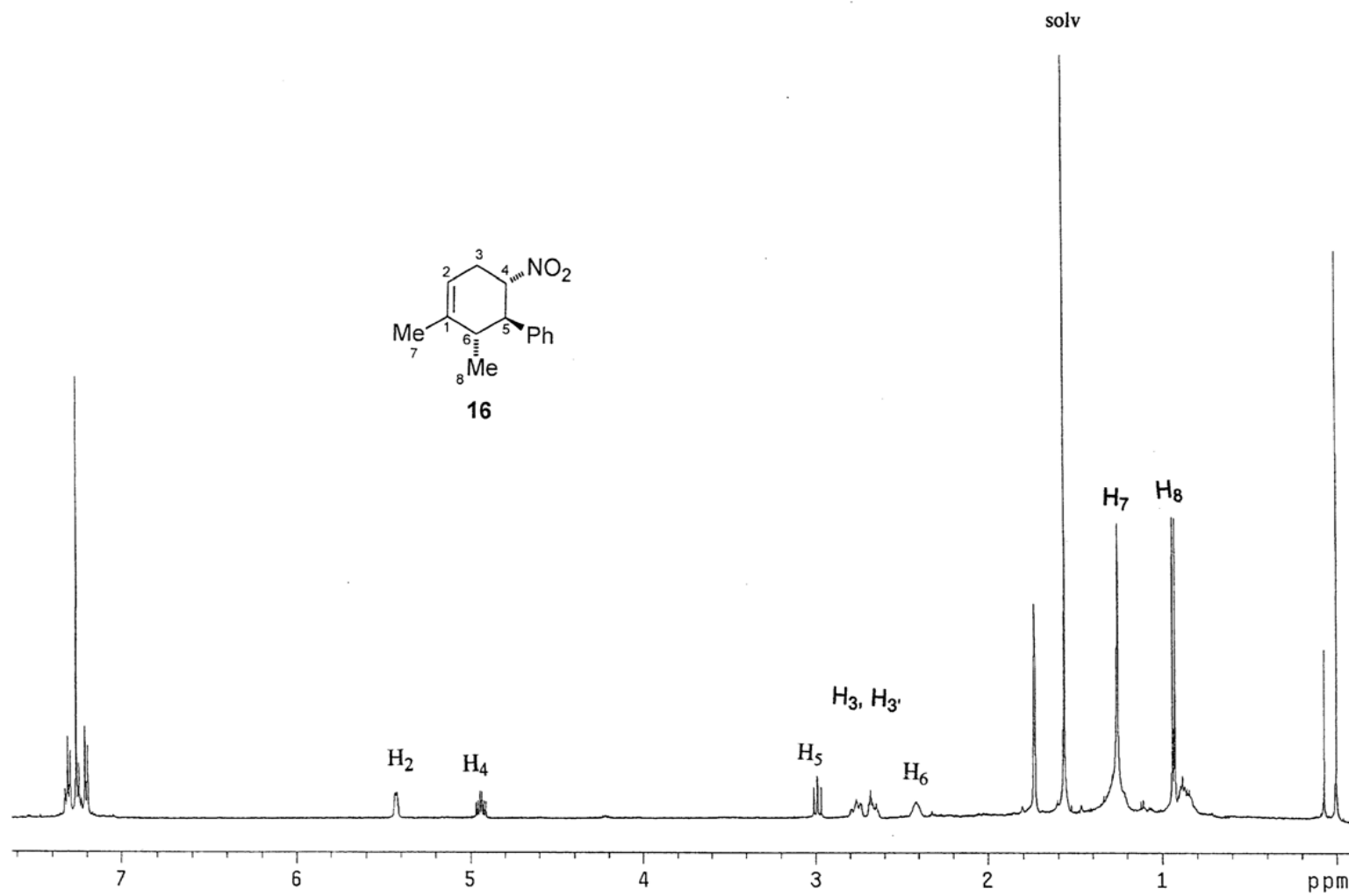
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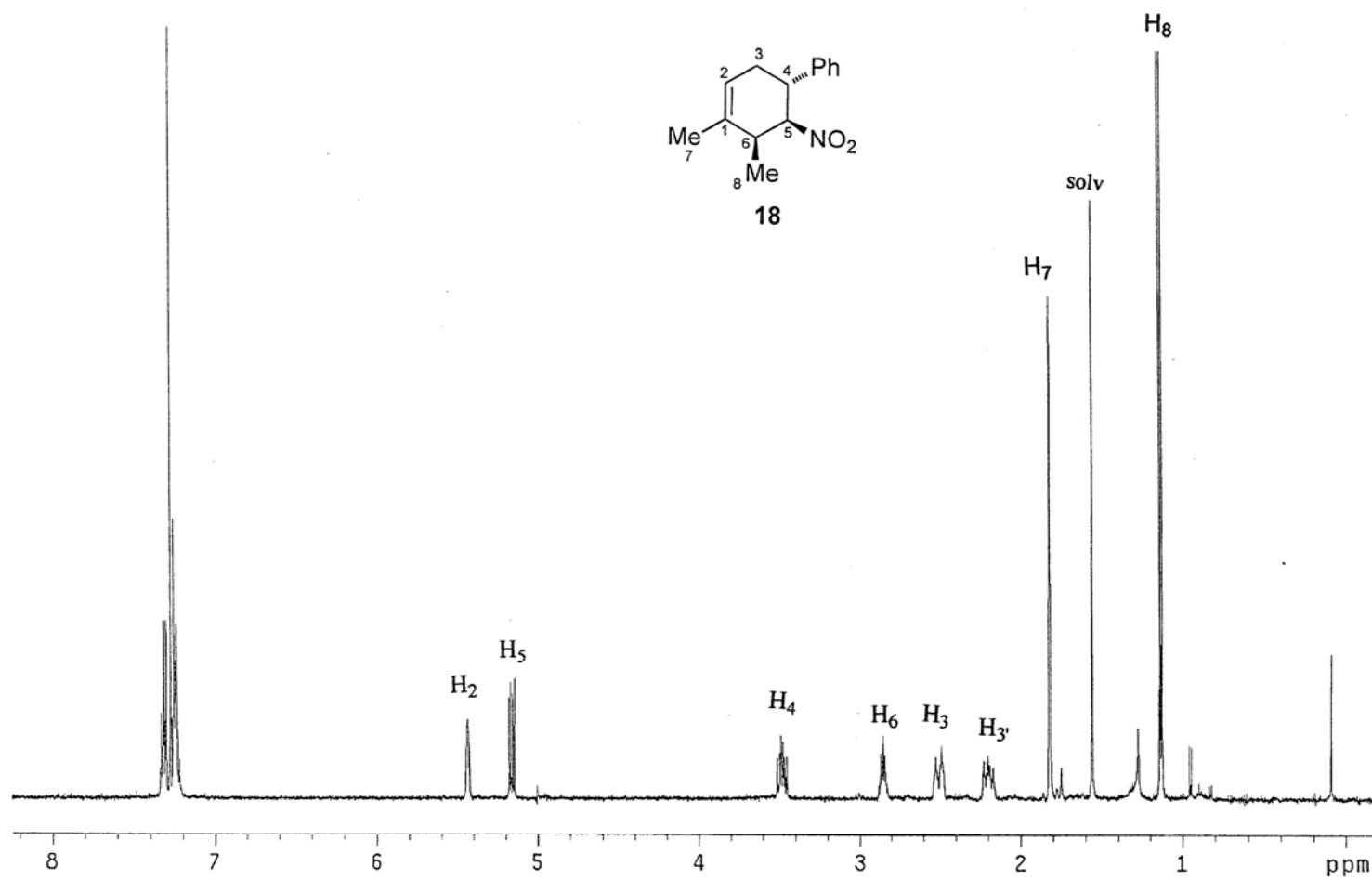
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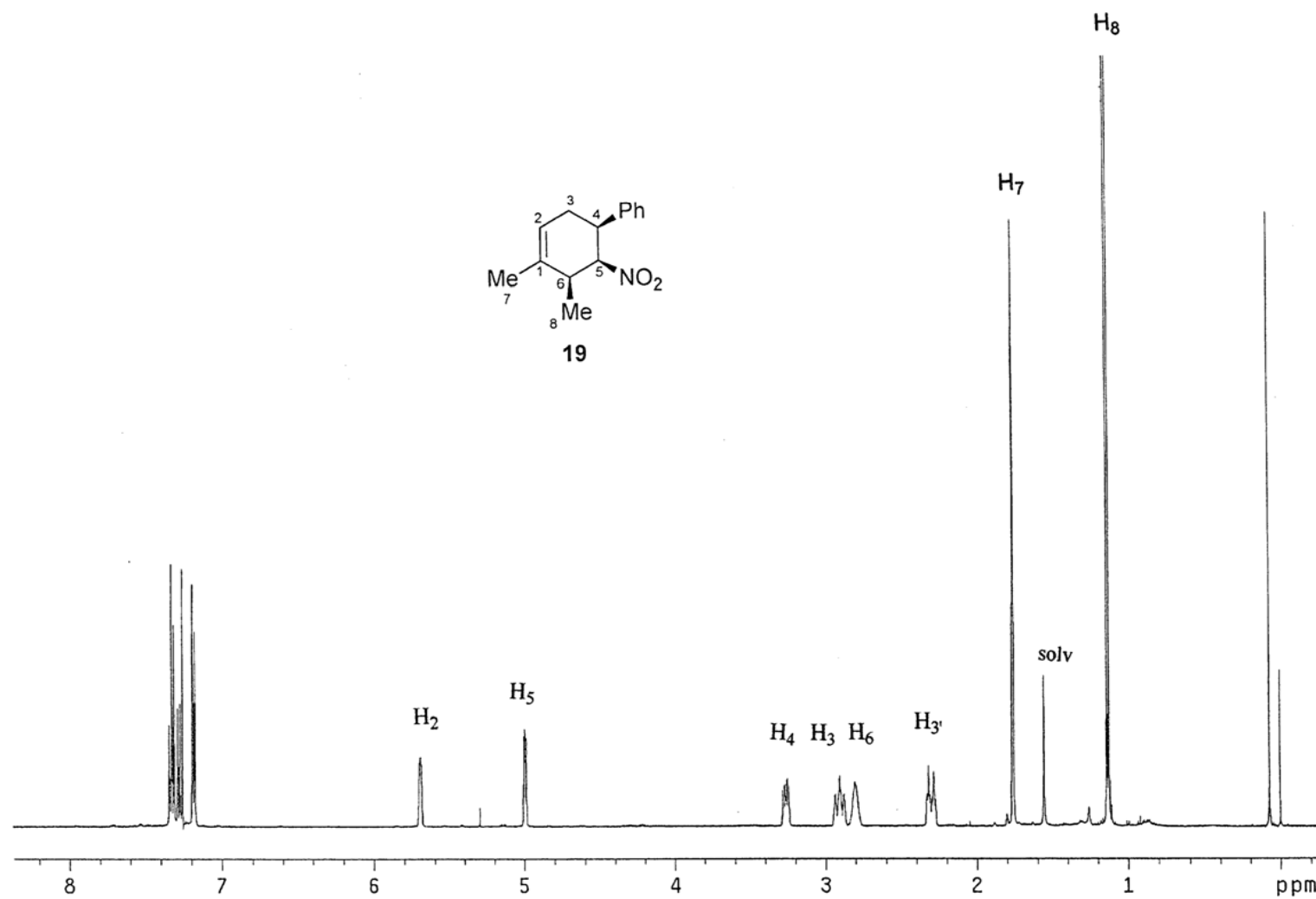
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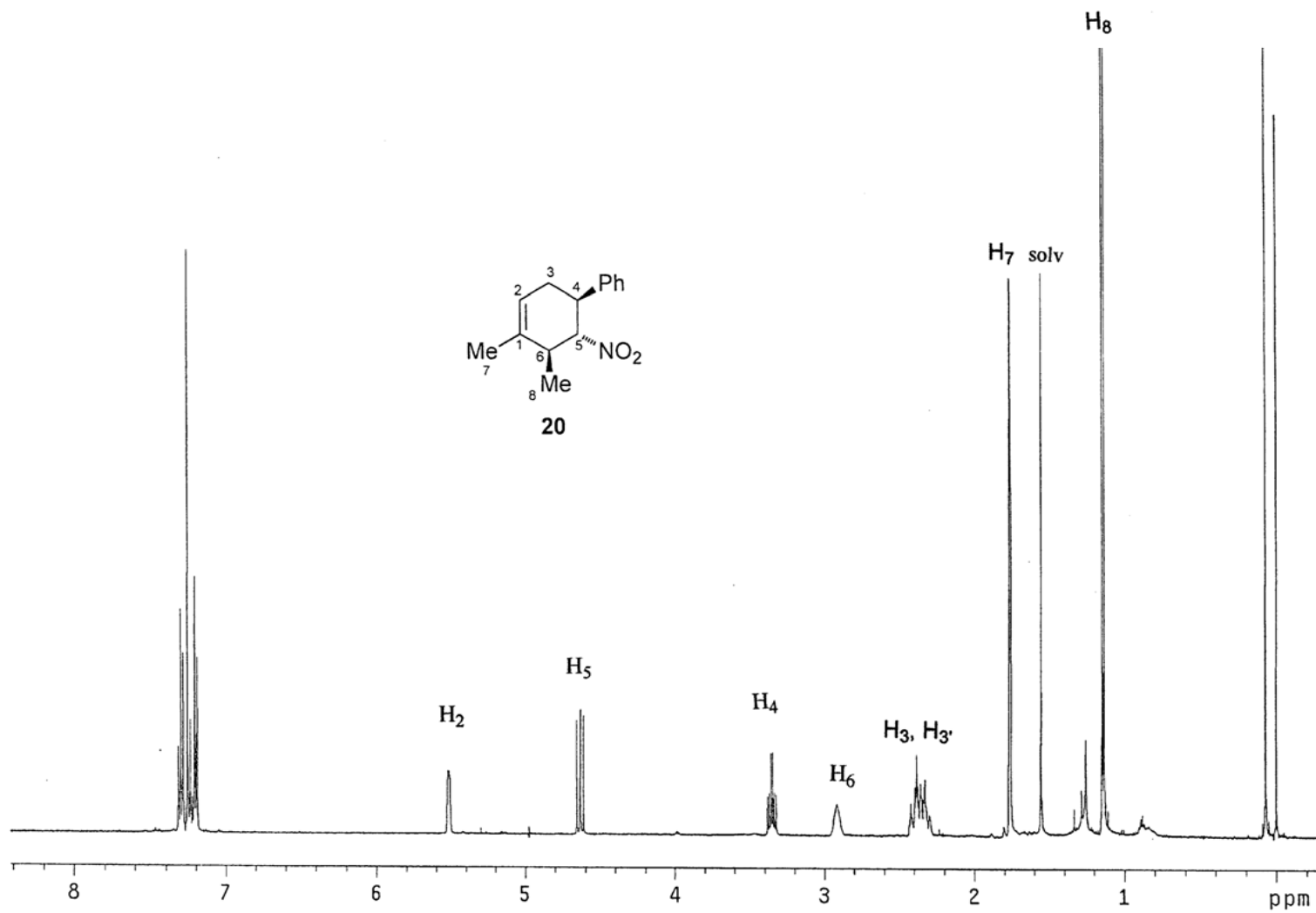
¹H NMR Spectrum



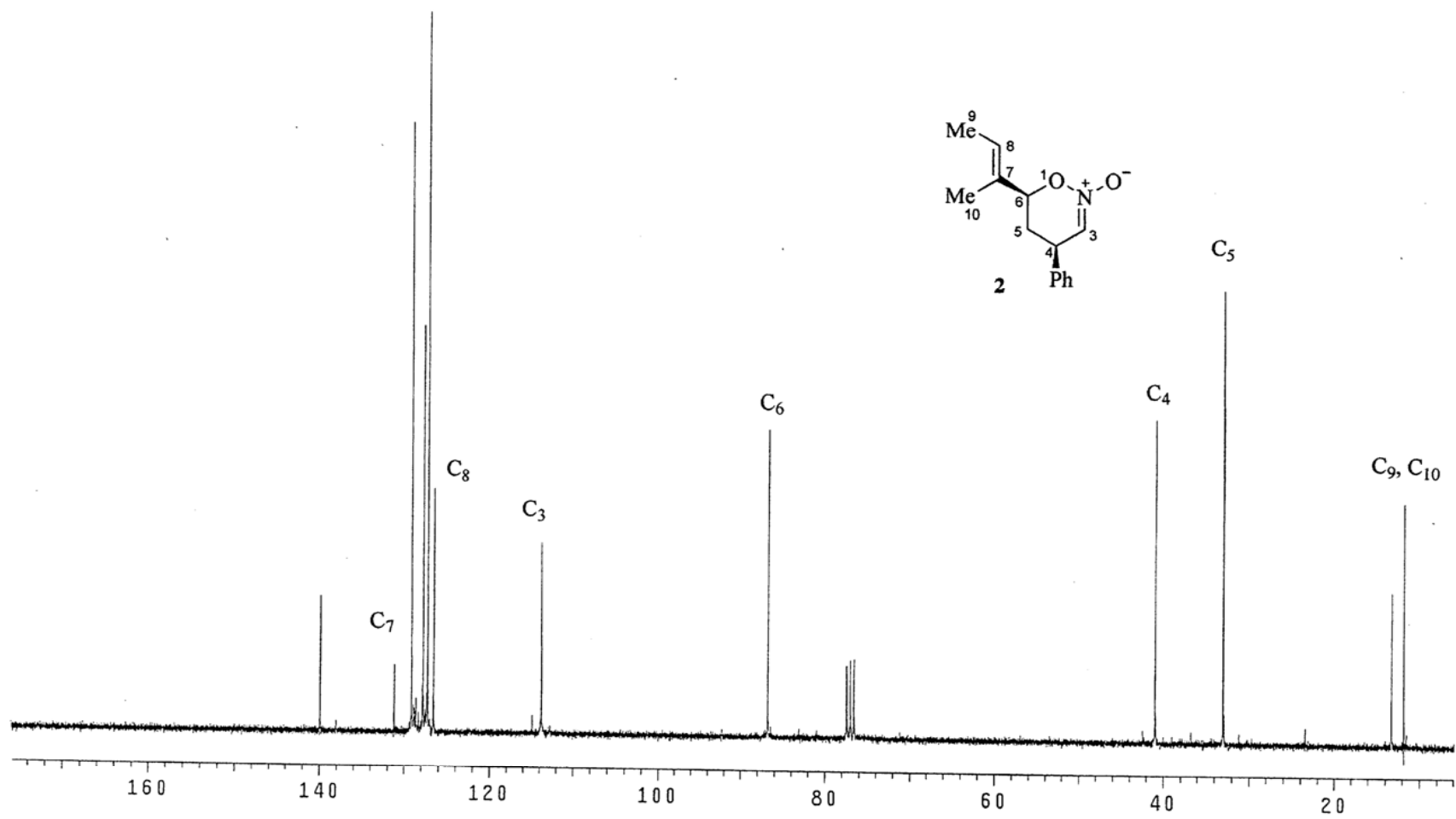
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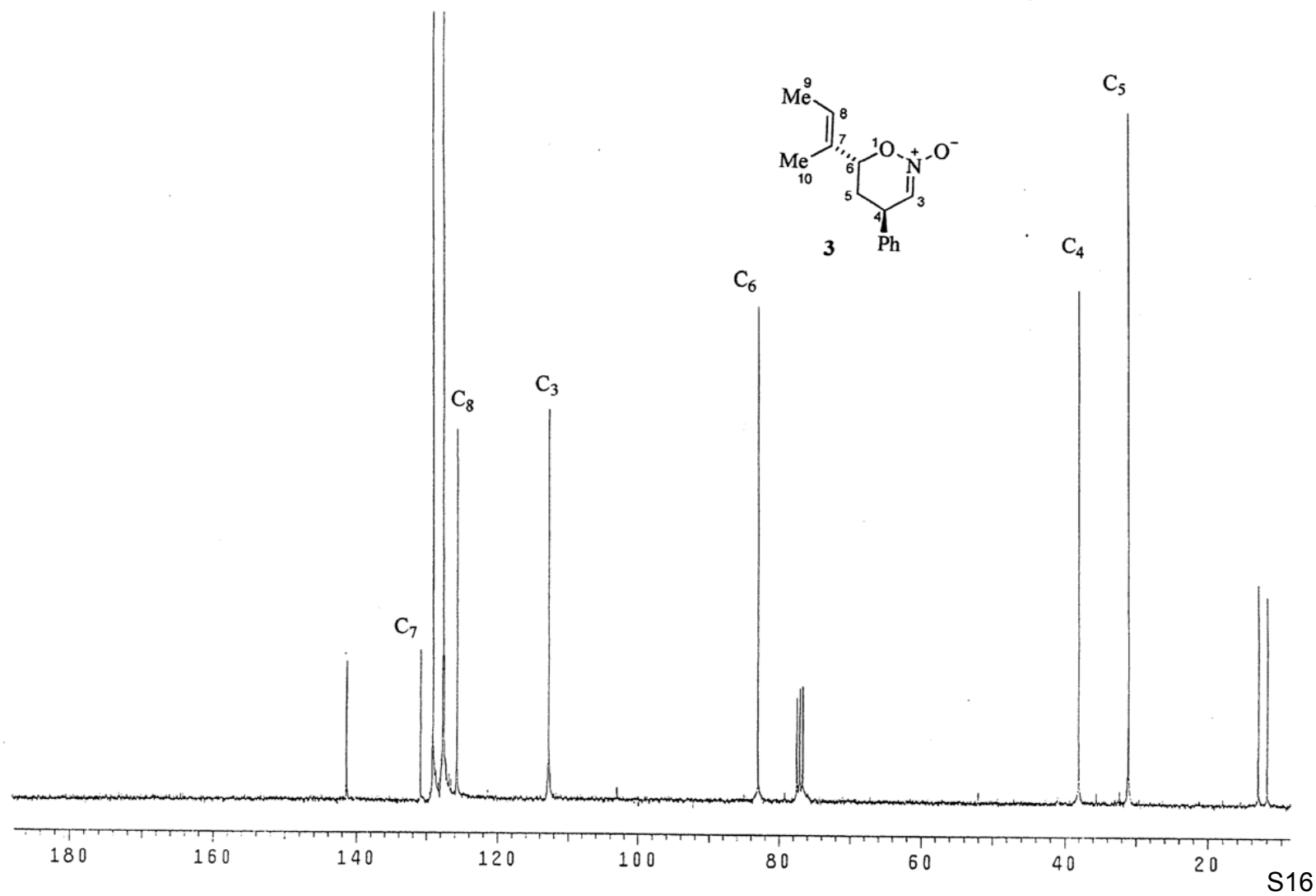
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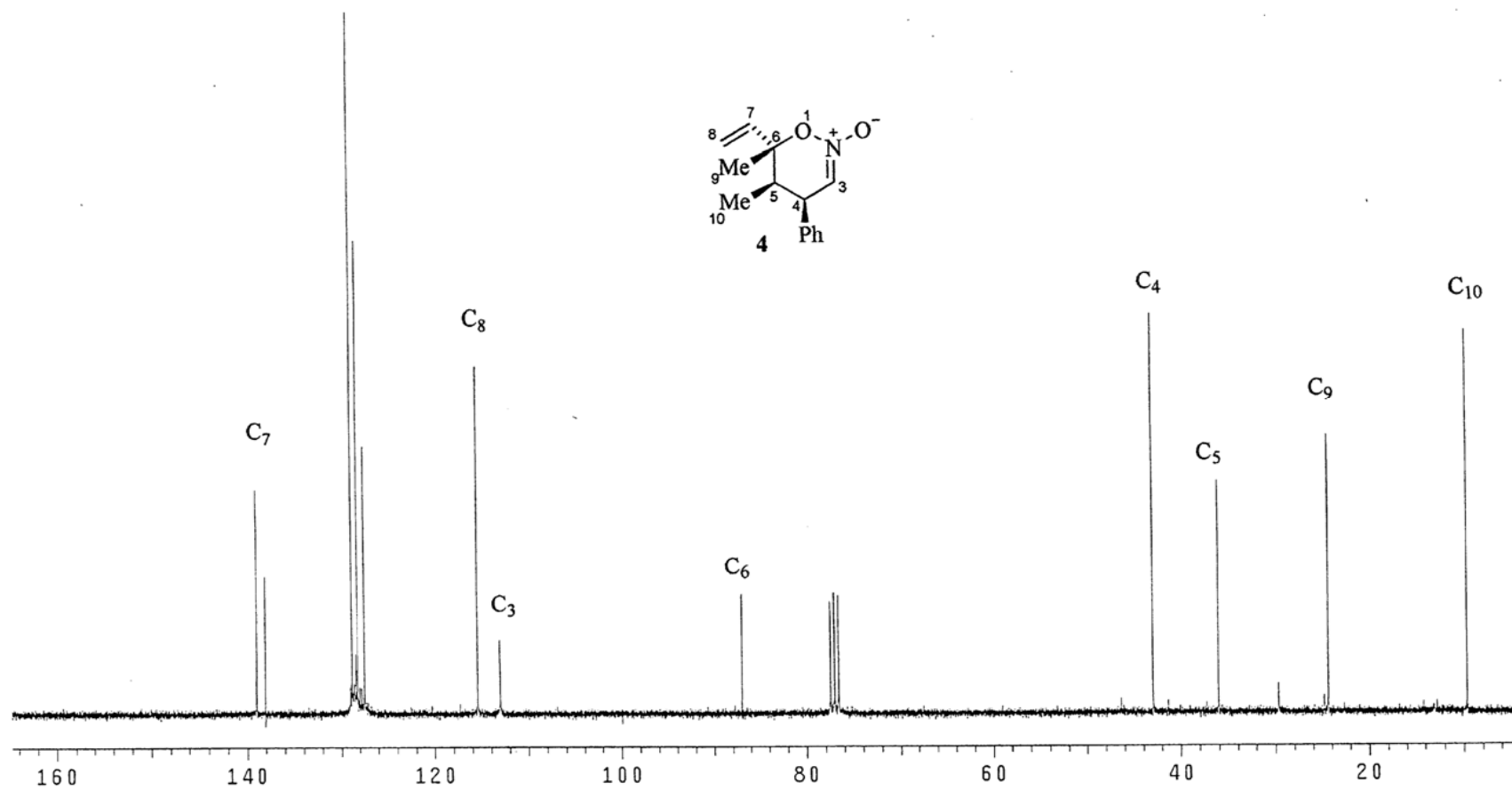
^{13}C NMR Spectrum



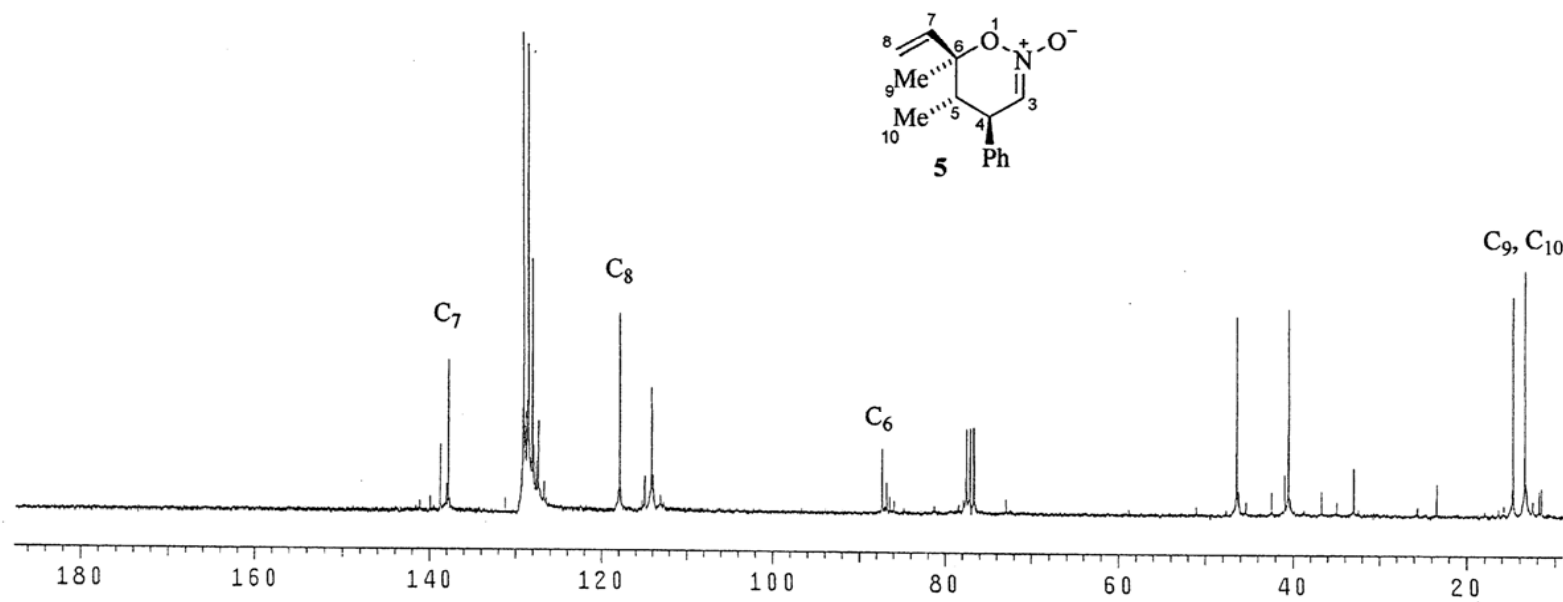
¹³C NMR Spectrum



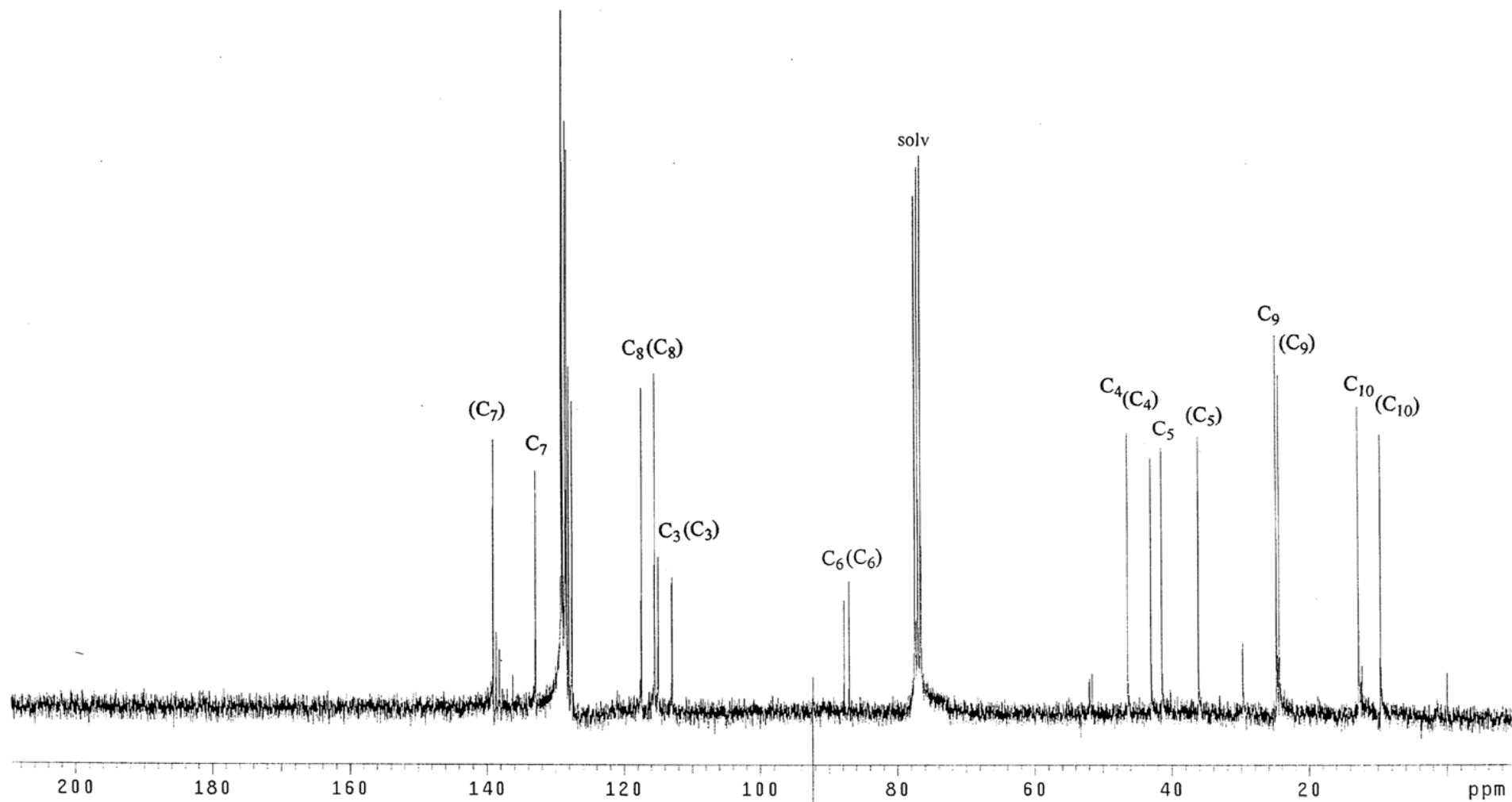
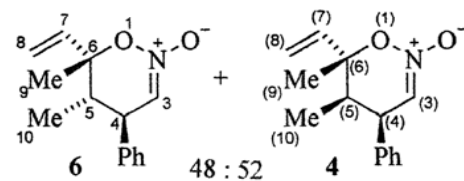
^{13}C NMR Spectrum



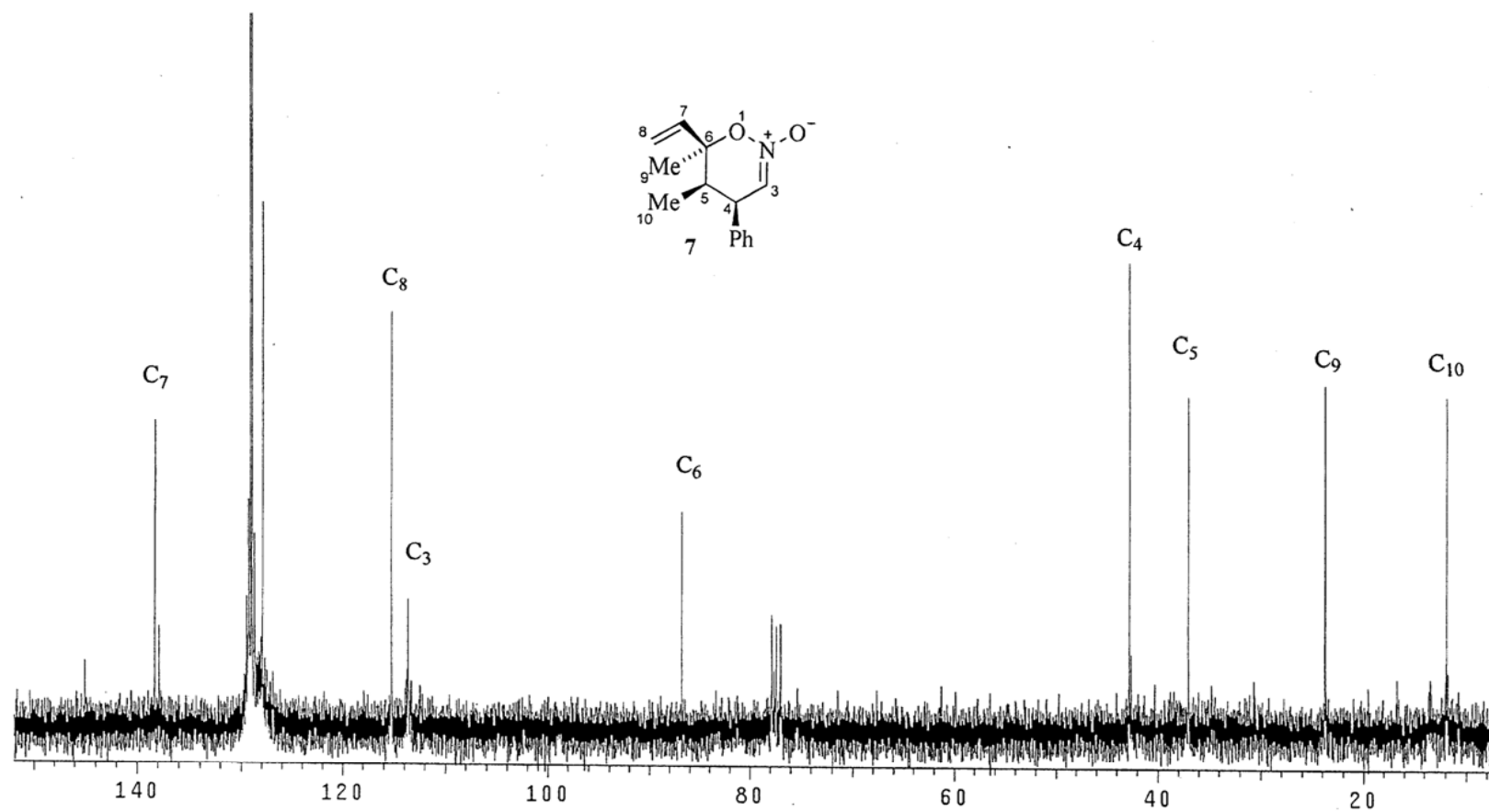
^{13}C NMR Spectrum



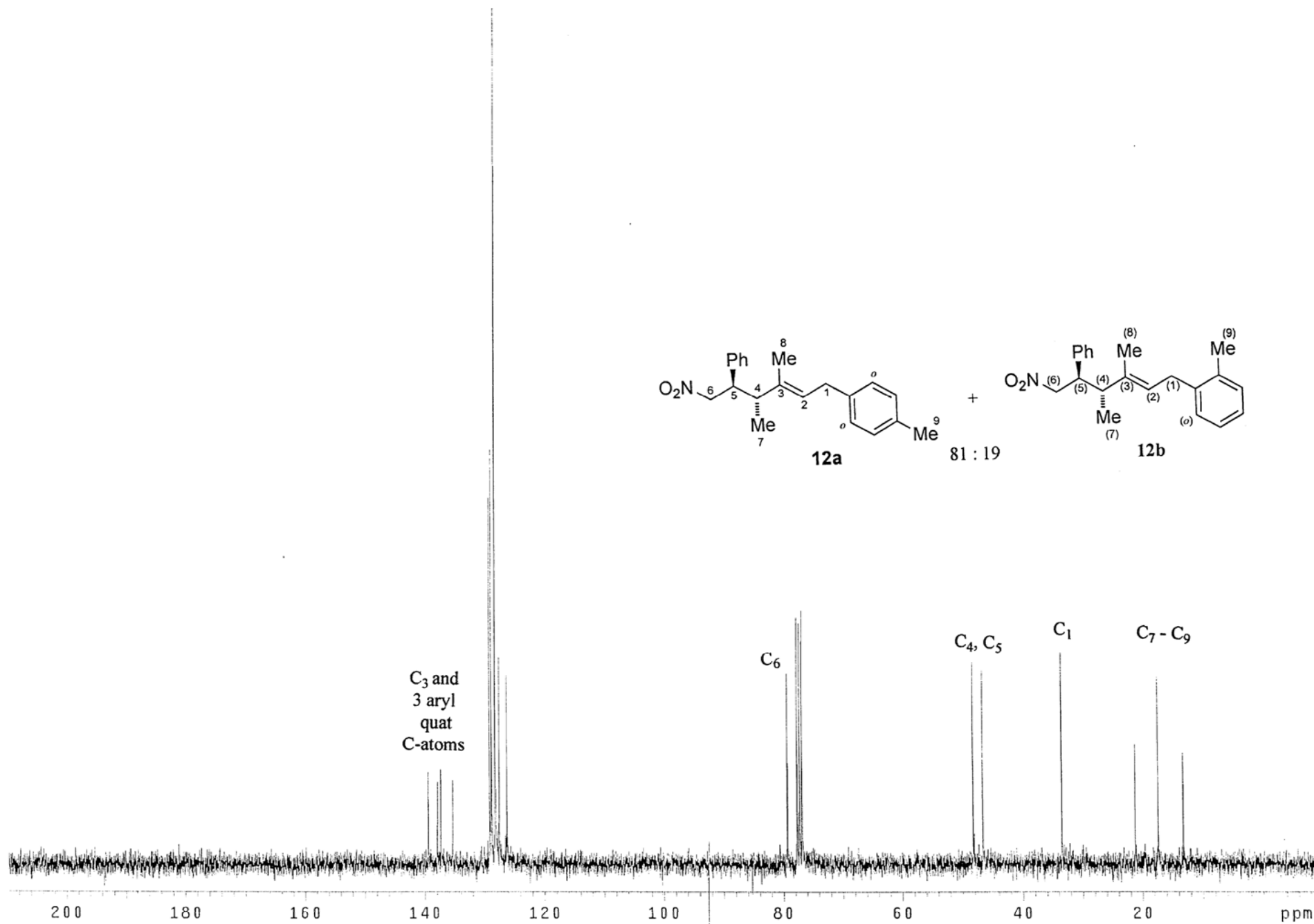
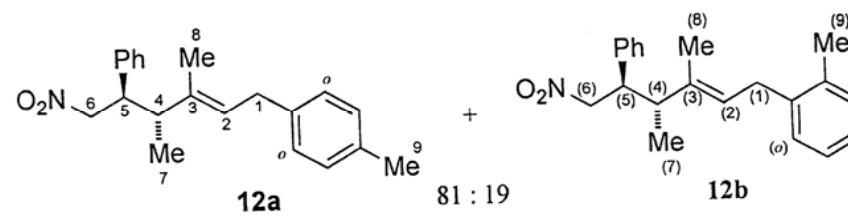
¹³C NMR Spectrum

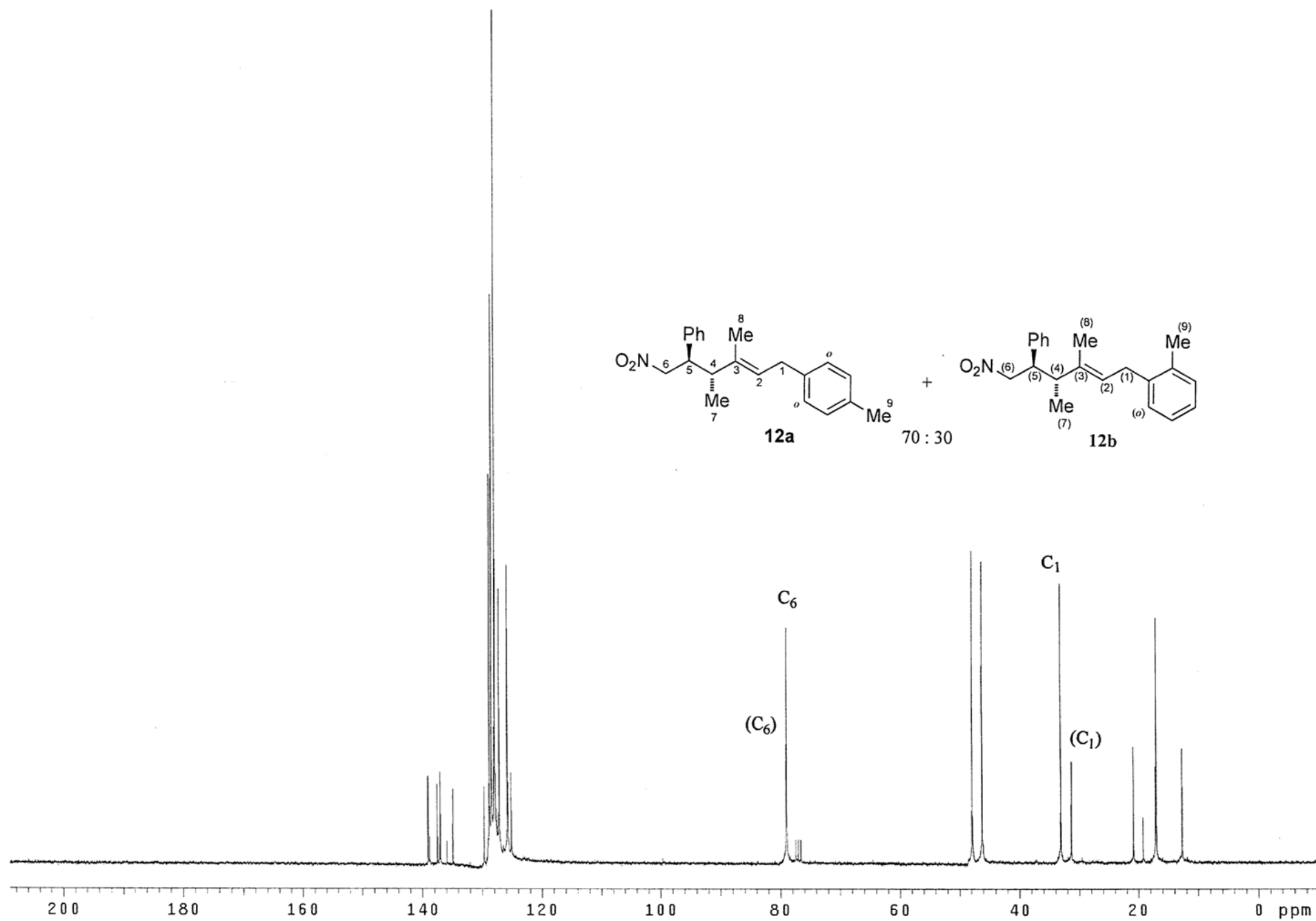


^{13}C NMR Spectrum

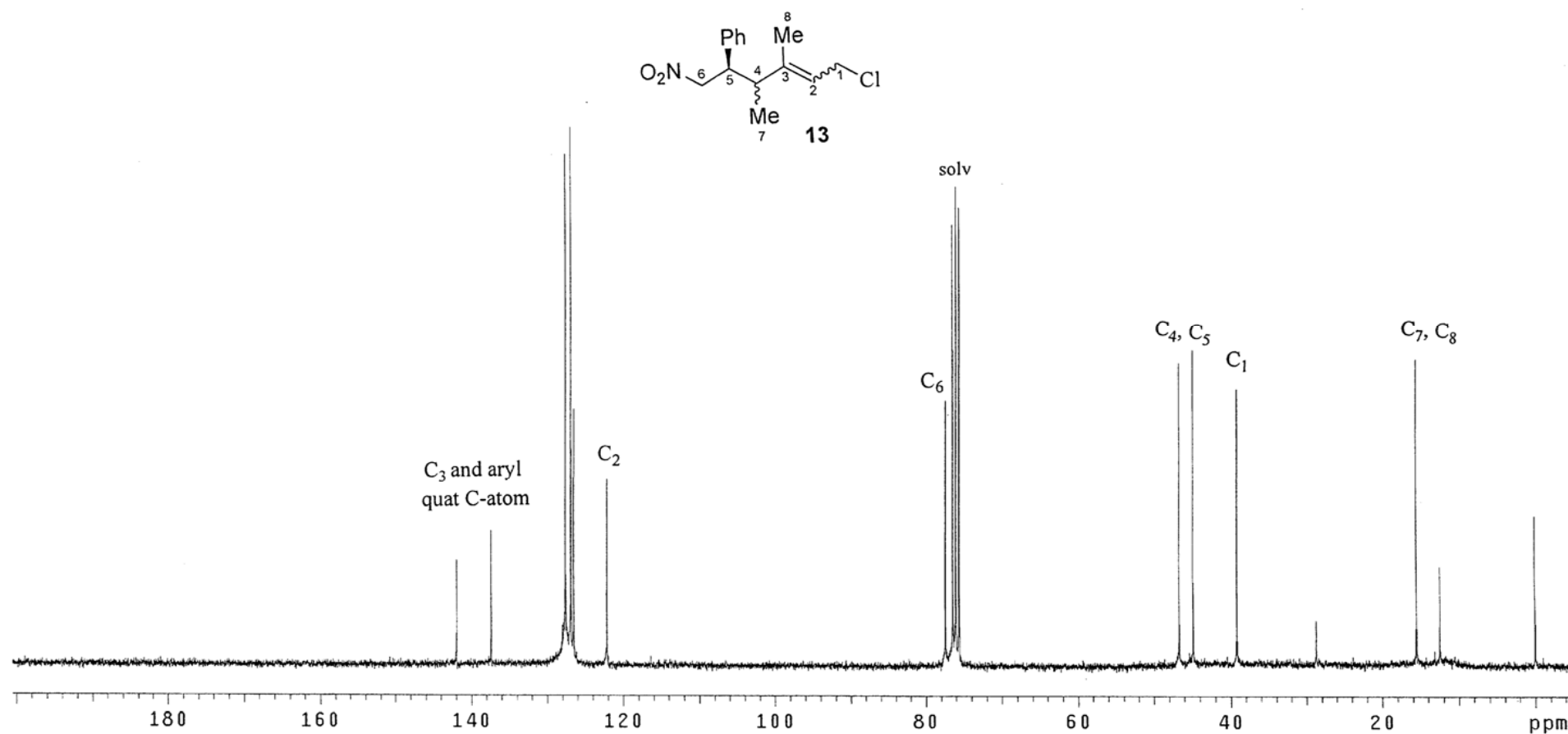


¹³C NMR Spectrum

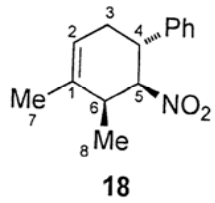


^{13}C NMR Spectrum

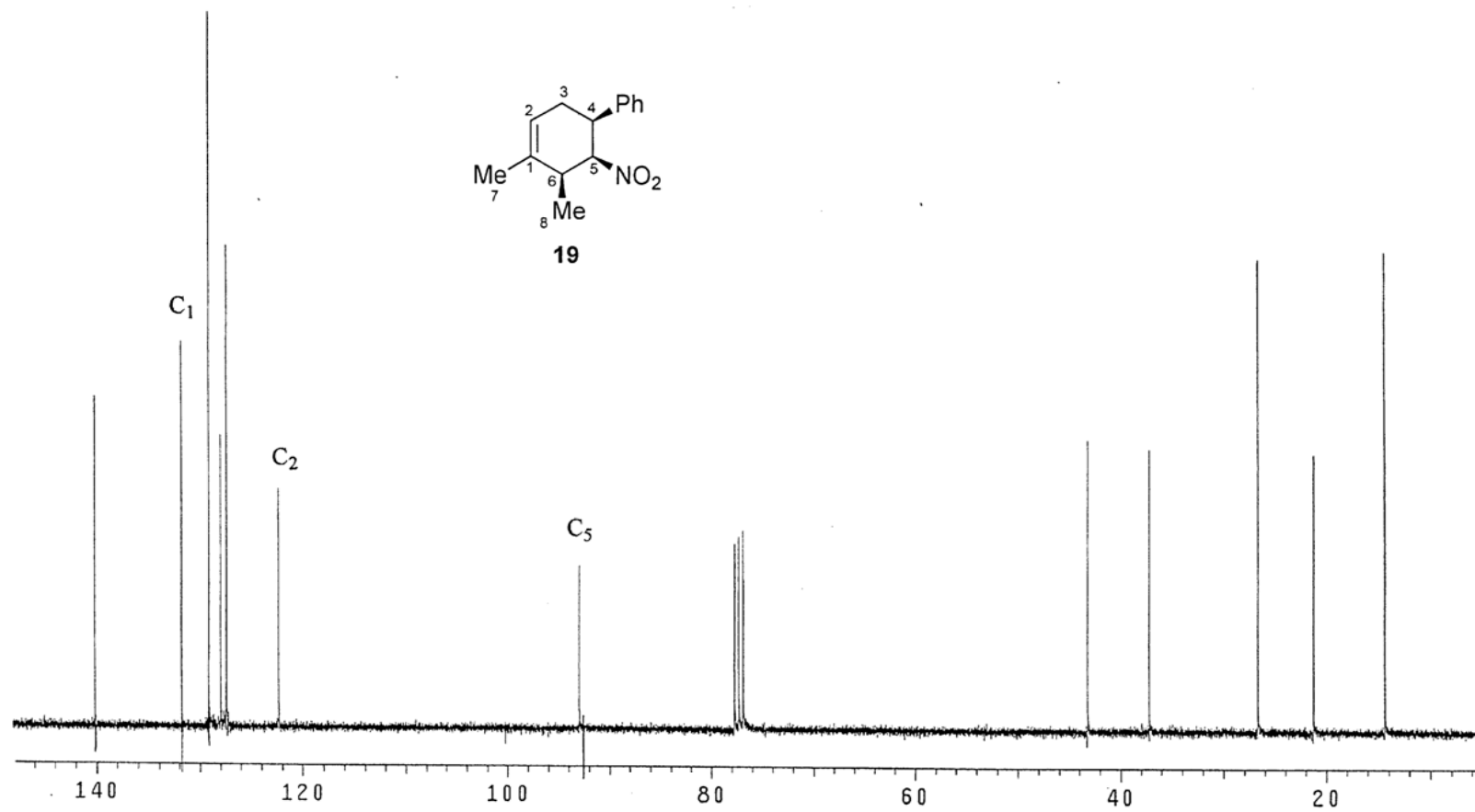
^{13}C NMR Spectrum



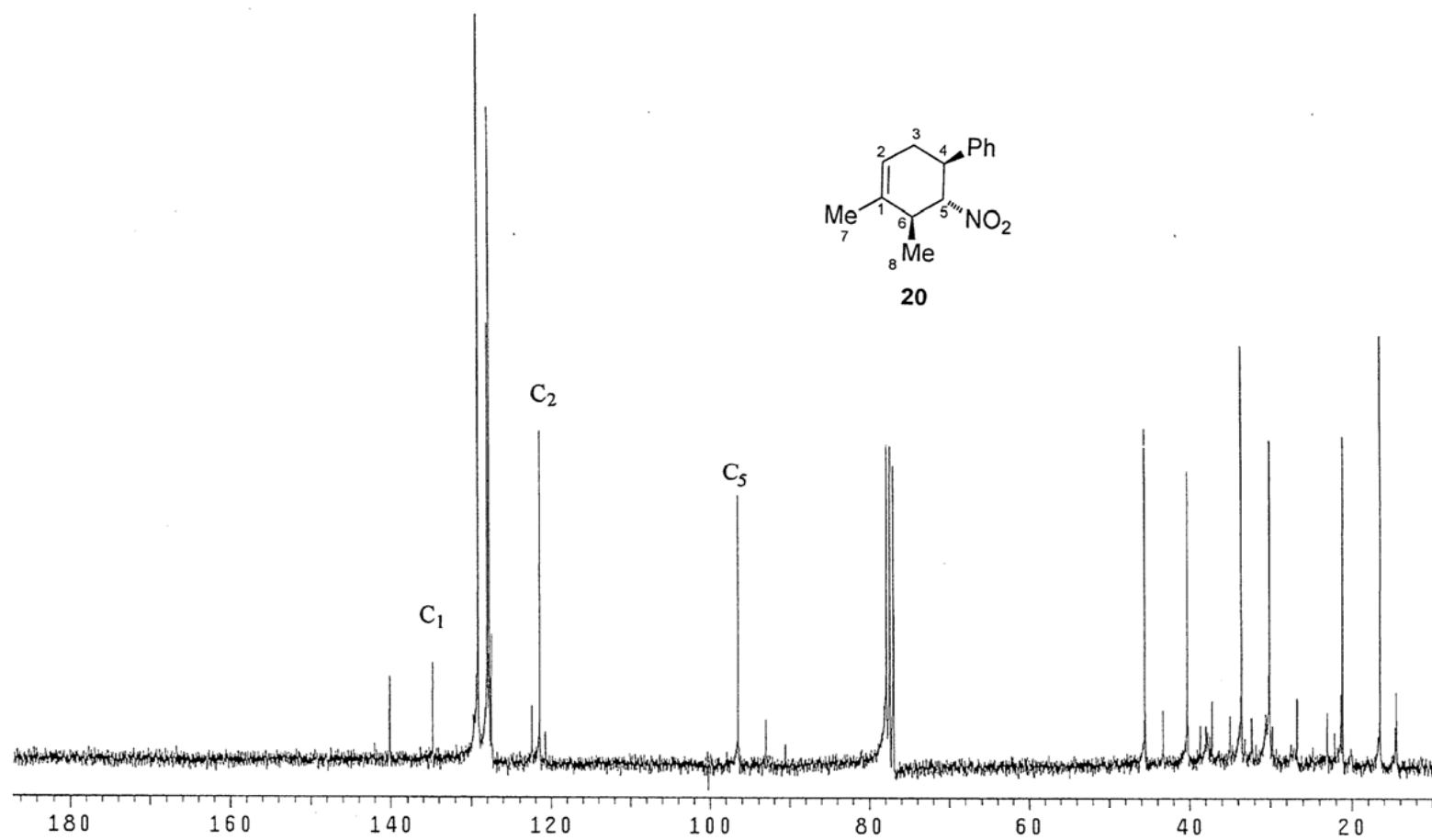
¹³C NMR Spectrum



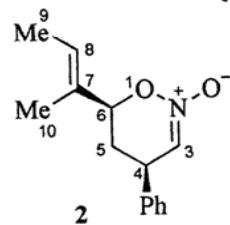
¹³C NMR Spectrum



^{13}C NMR Spectrum



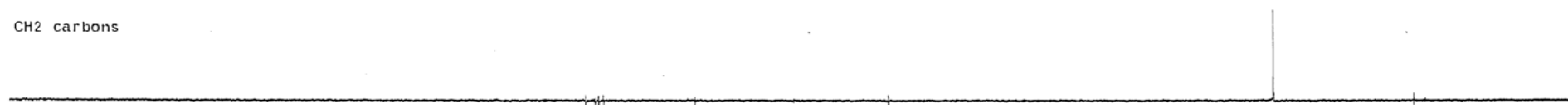
DEPT Spectrum



CH3 carbons



CH2 carbons



CH carbons

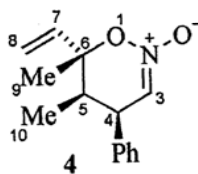


all protonated carbons



200 180 160 140 120 100 80 60 40 20 ppm

DEPT Spectrum



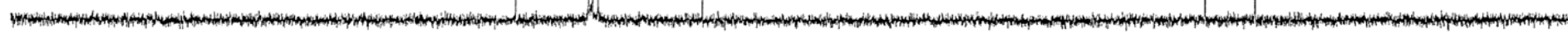
CH3 carbons



CH2 carbons



CH carbons

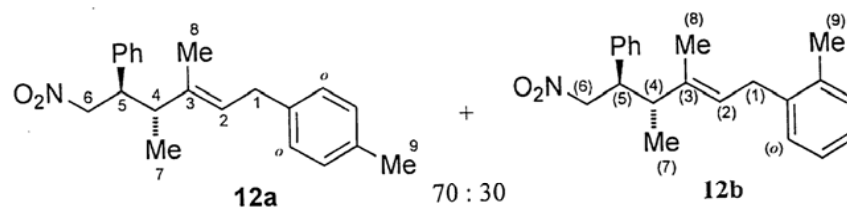


all protonated carbons



200 180 160 140 120 100 80 60 40 20 ppm

DEPT Spectrum



CH3 carbons

CH2 carbons

CH carbons

all protonated carbons

