

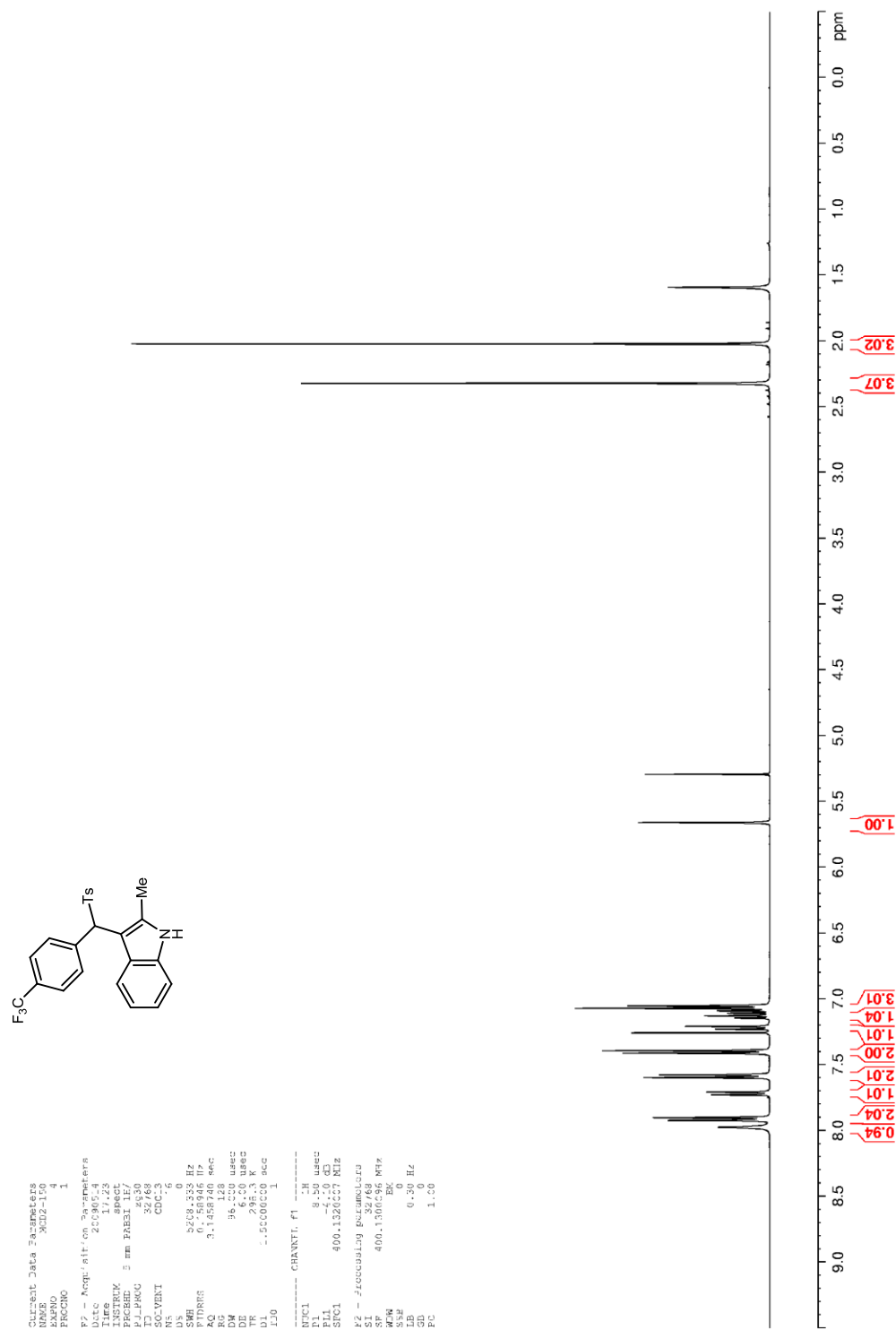
Chiral Brønsted Base-Promoted Nitroalkane Alkylation: Enantioselective Synthesis of *sec*-Alkyl-3-Substituted Indoles

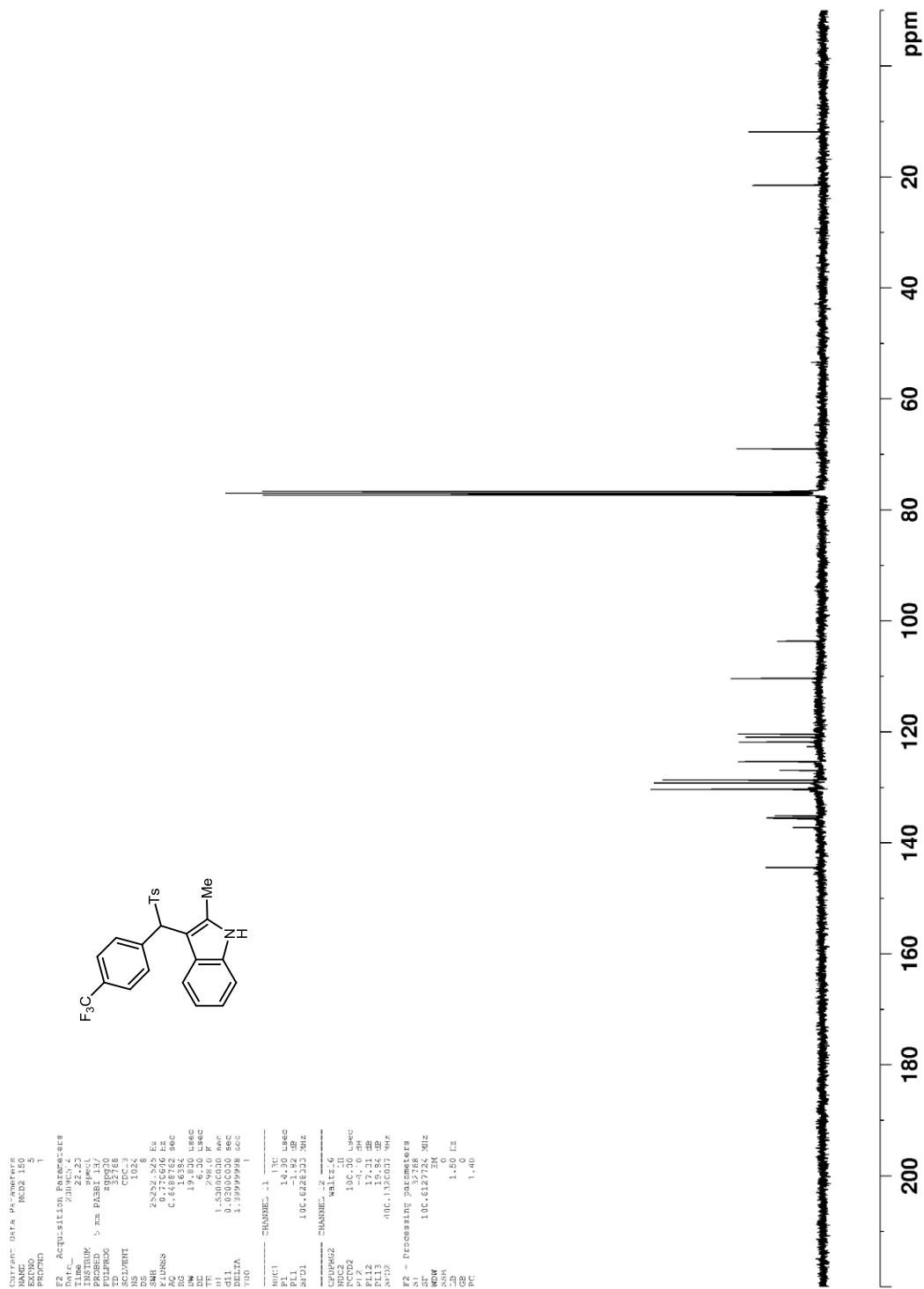
Mark C. Dobish and Jeffrey N. Johnston*

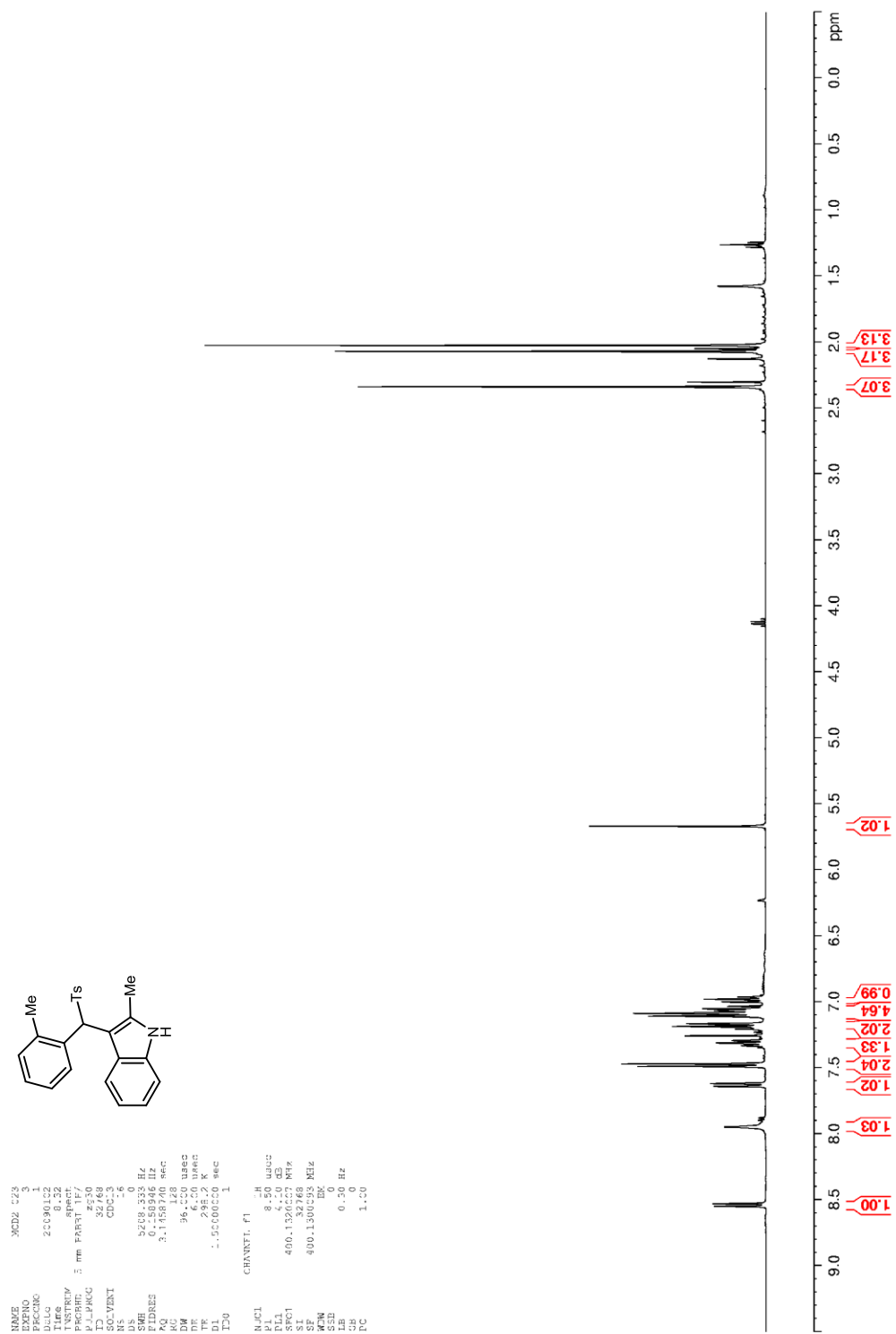
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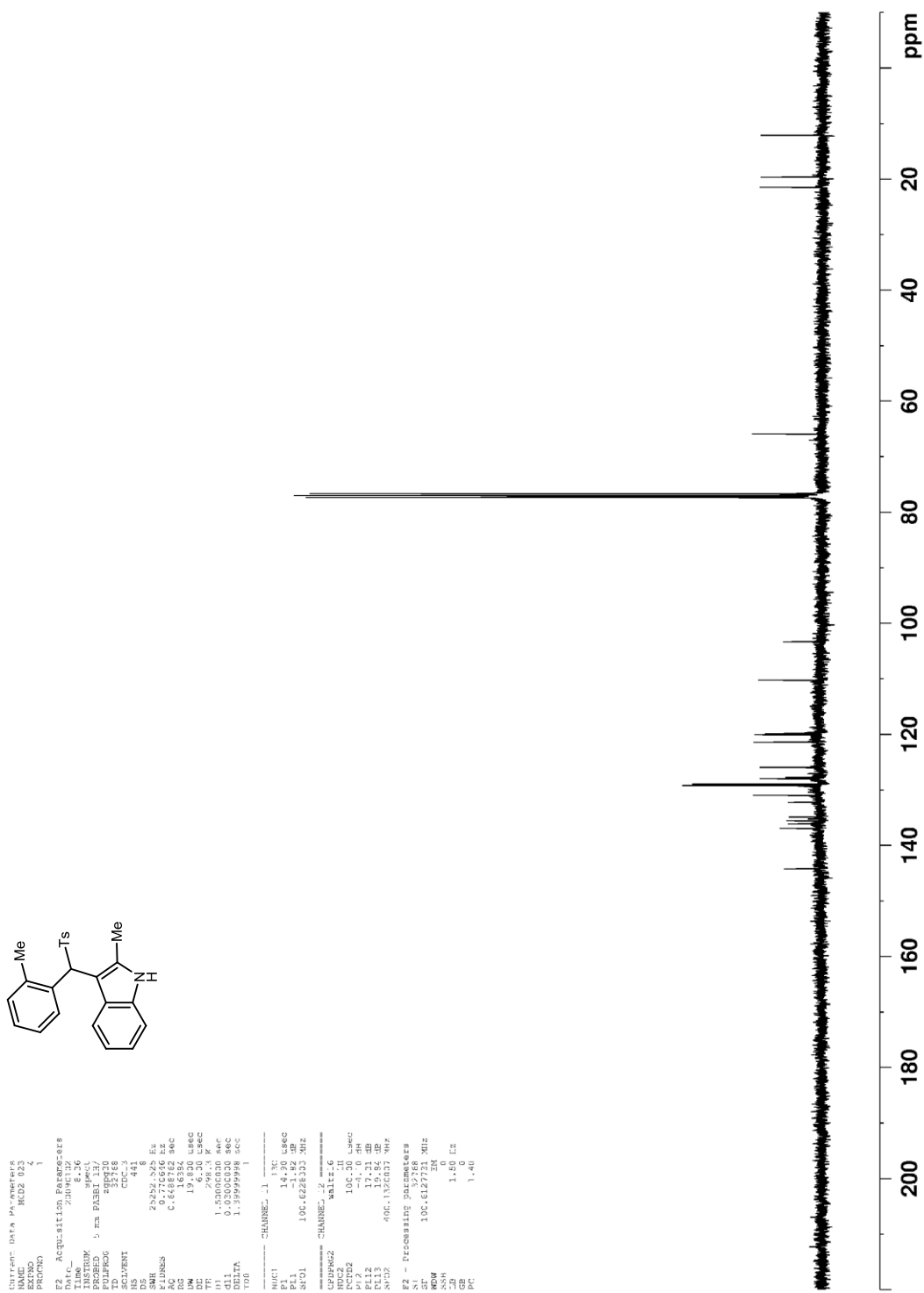
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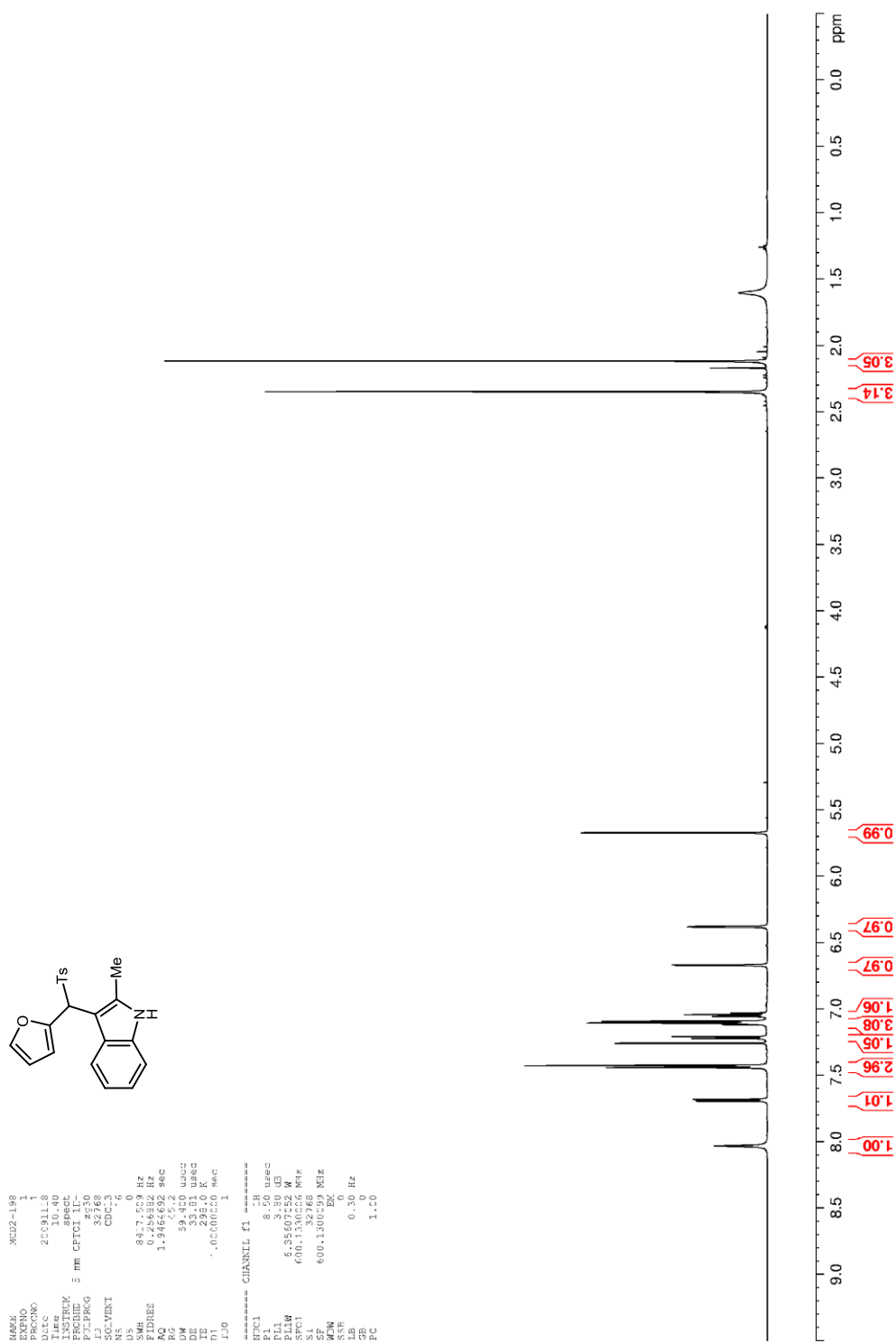
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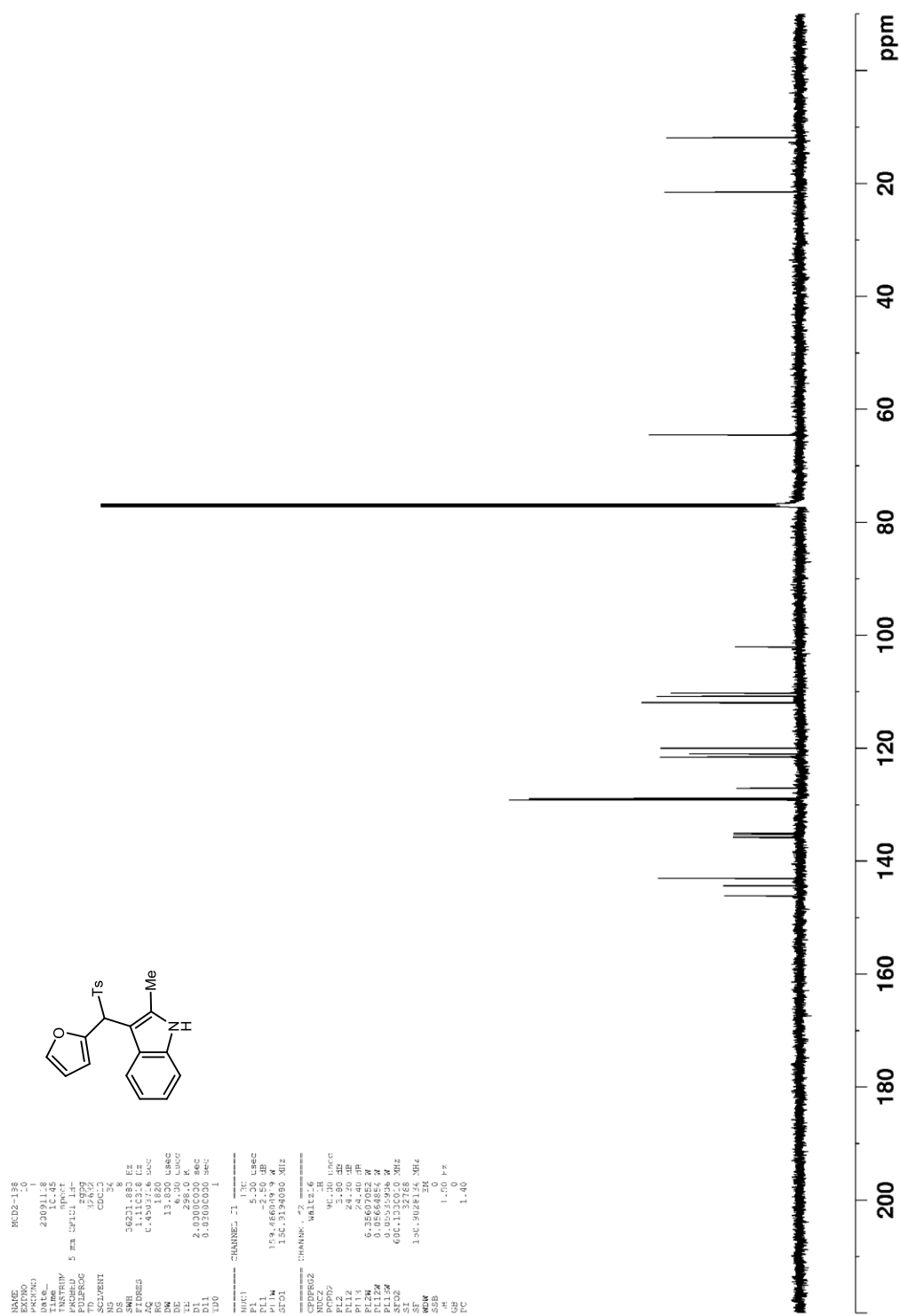


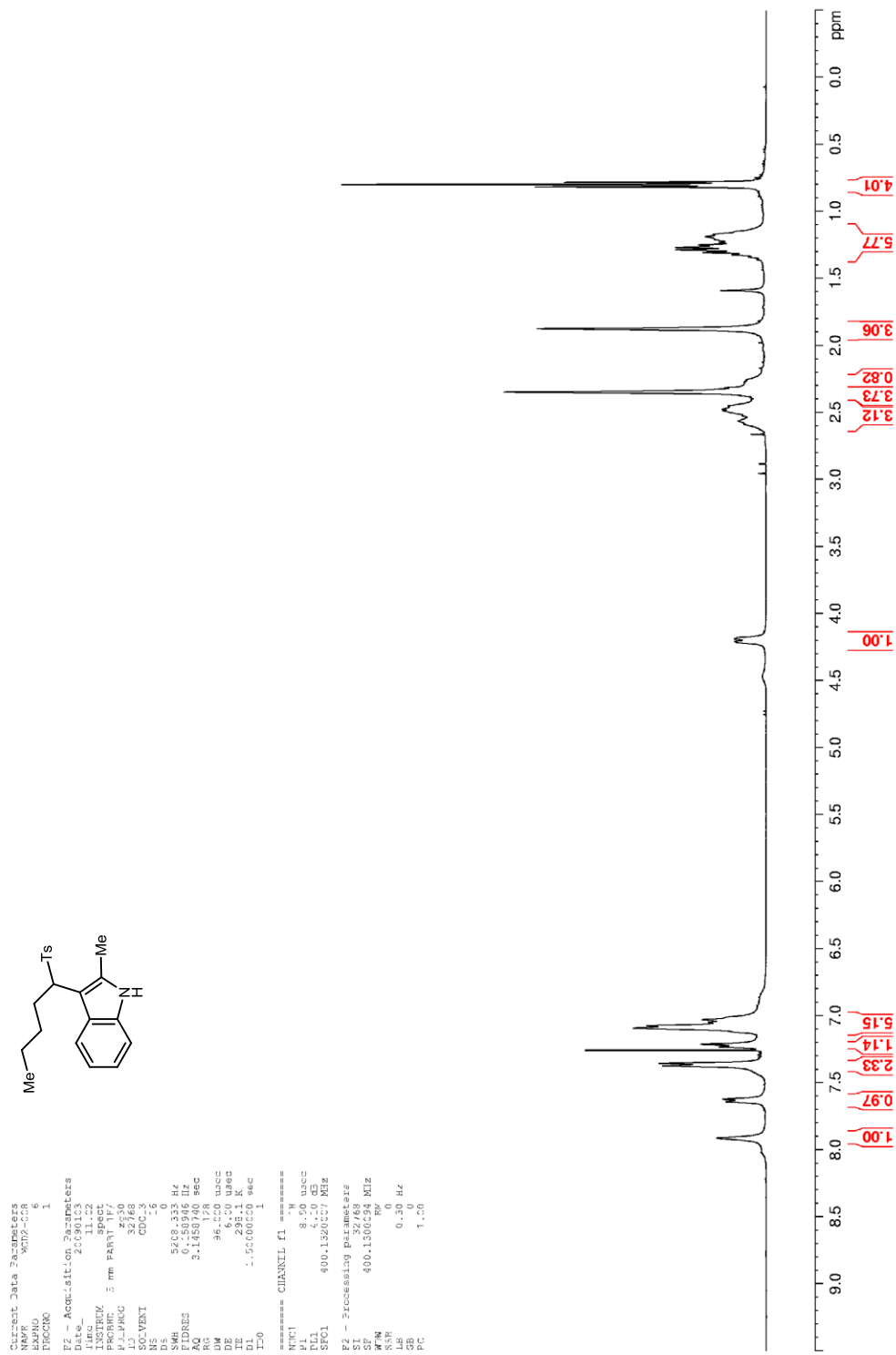


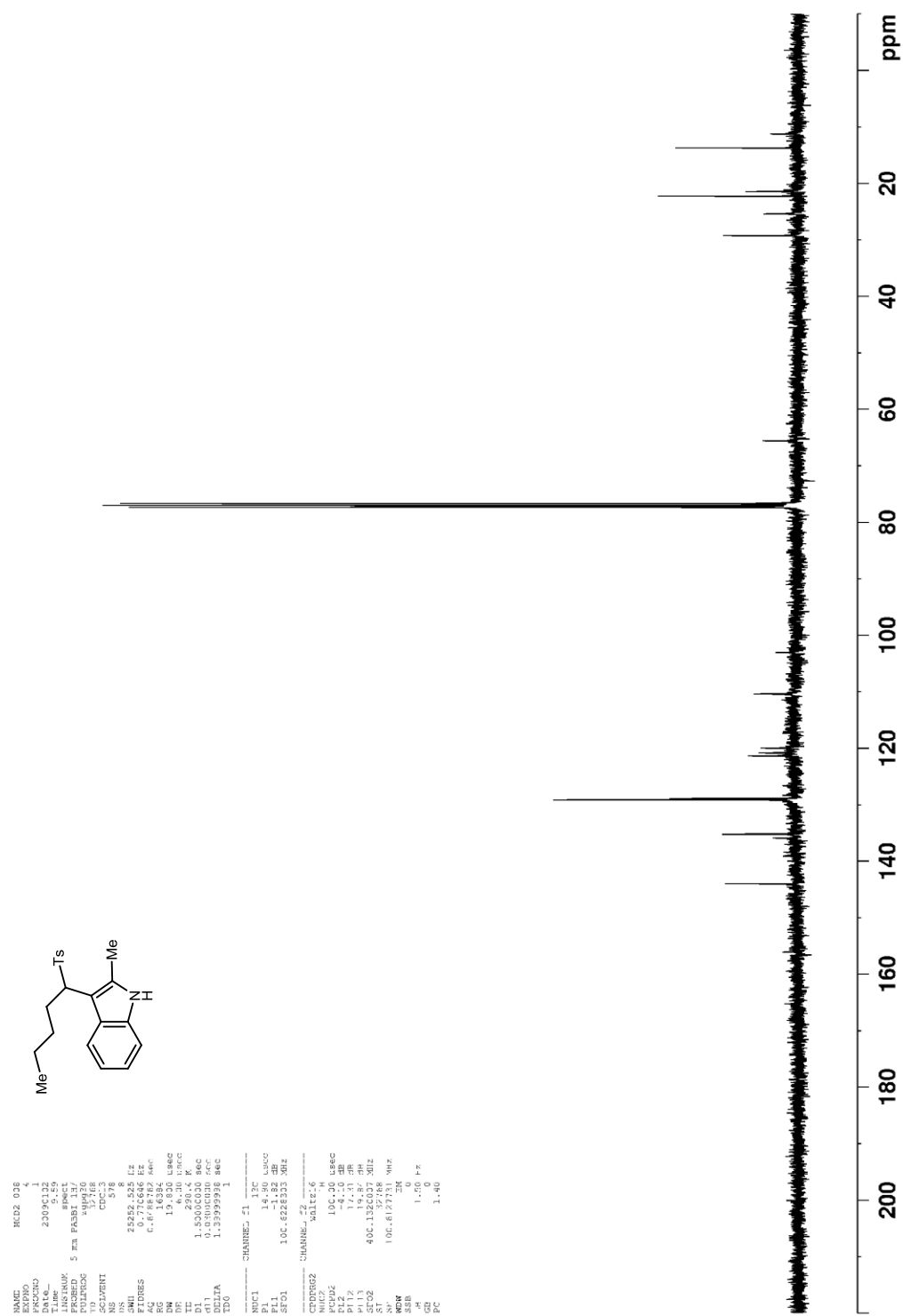












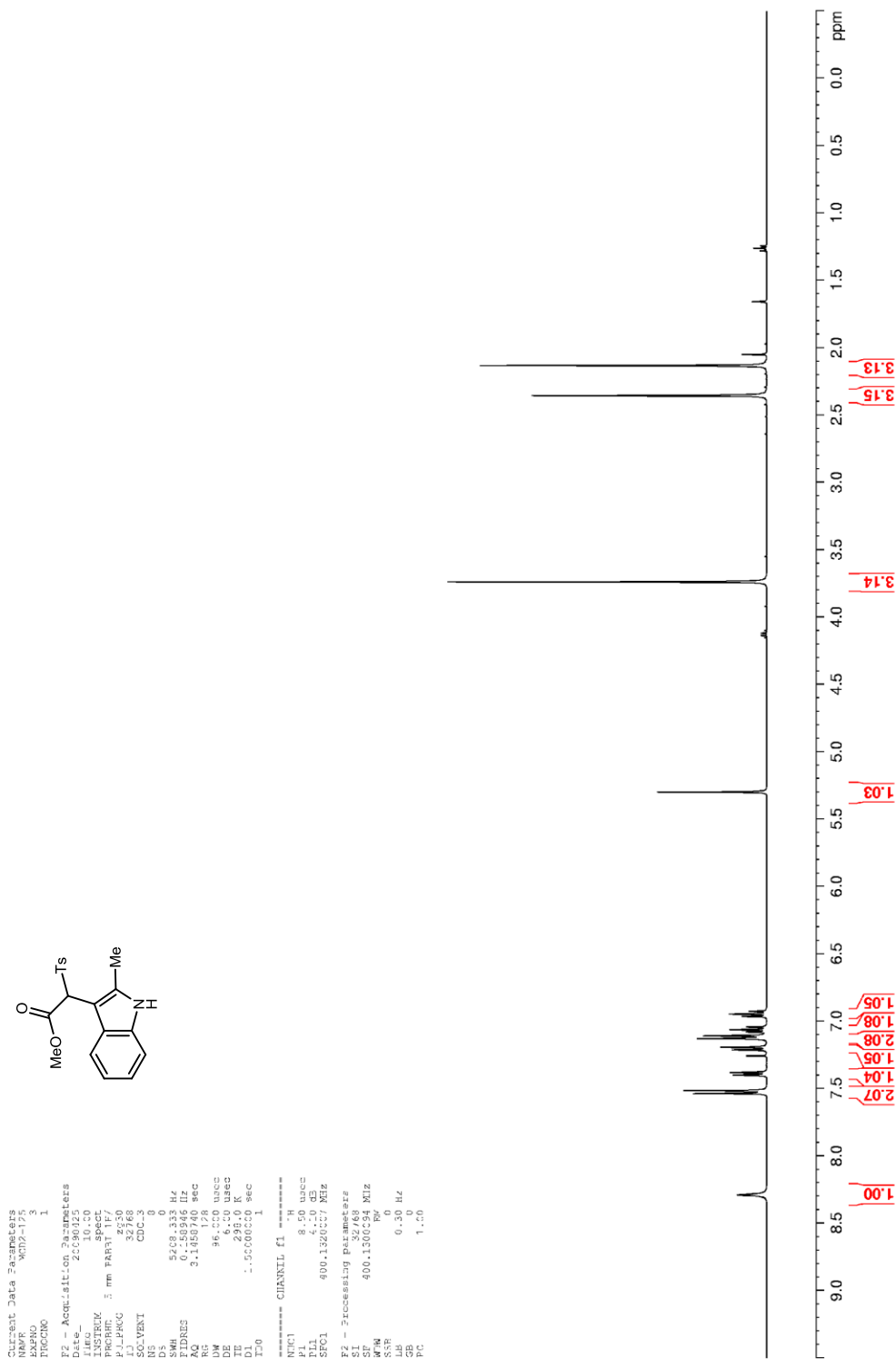
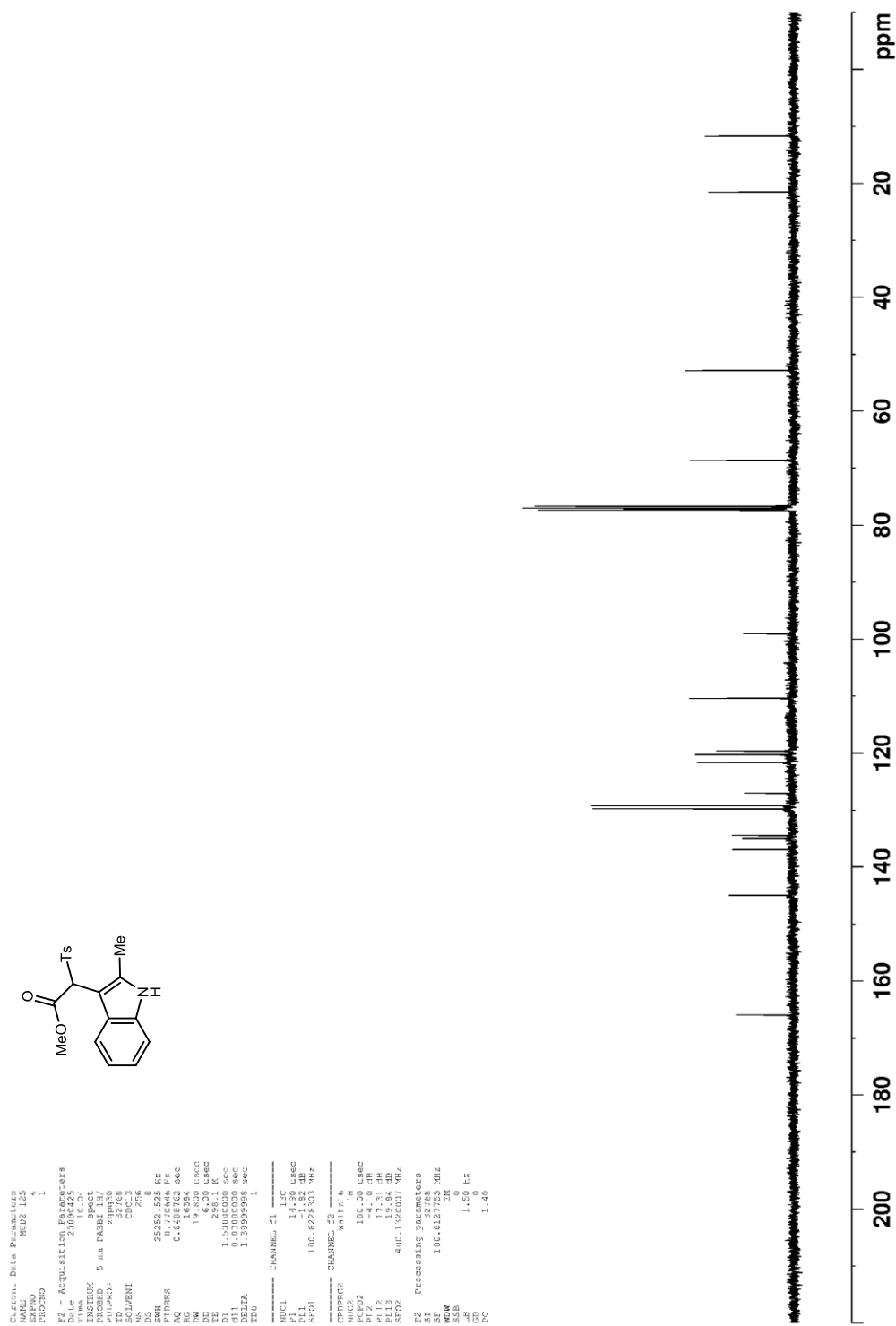
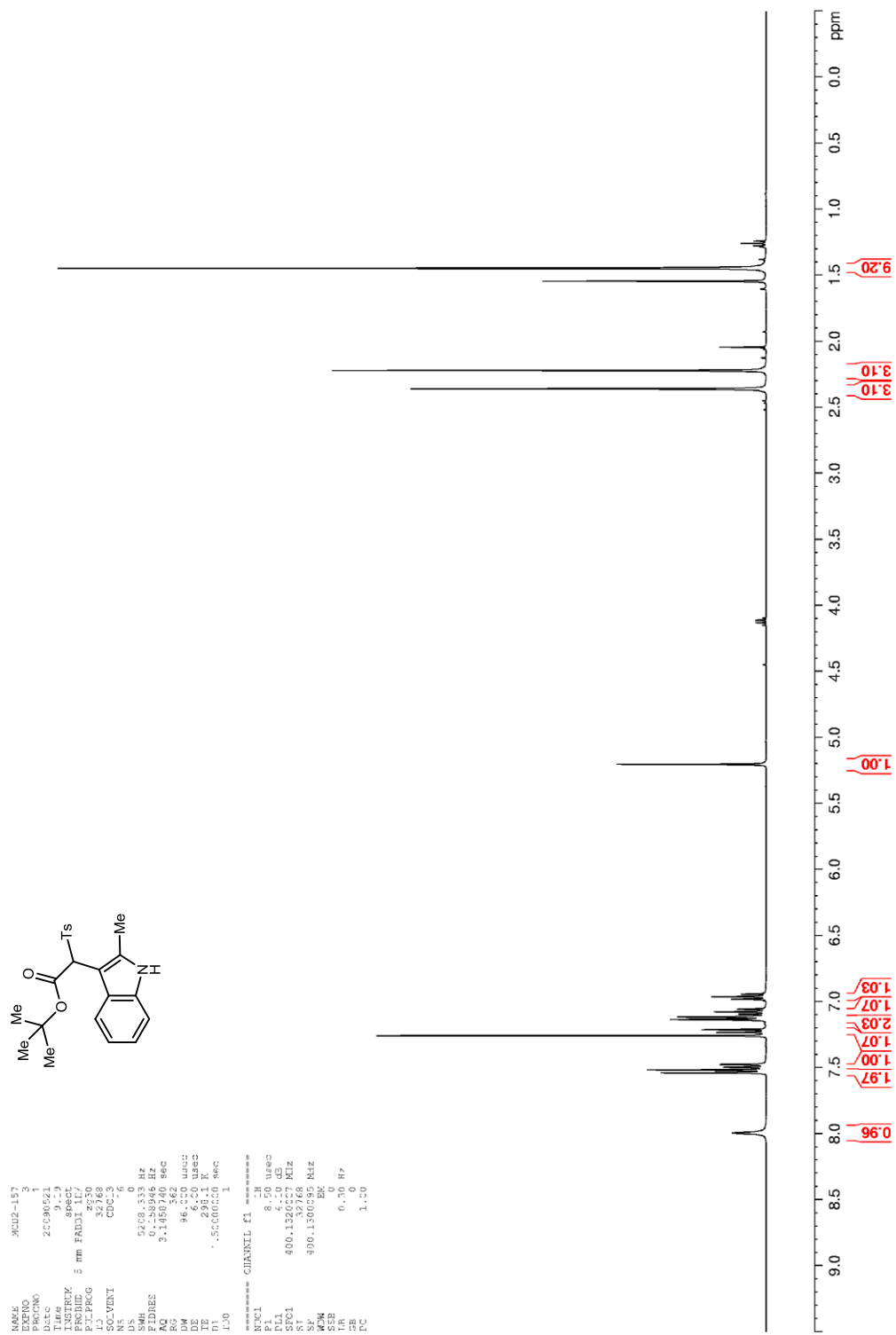


Figure 10. ¹³C NMR (CDCl₃) of 5h.





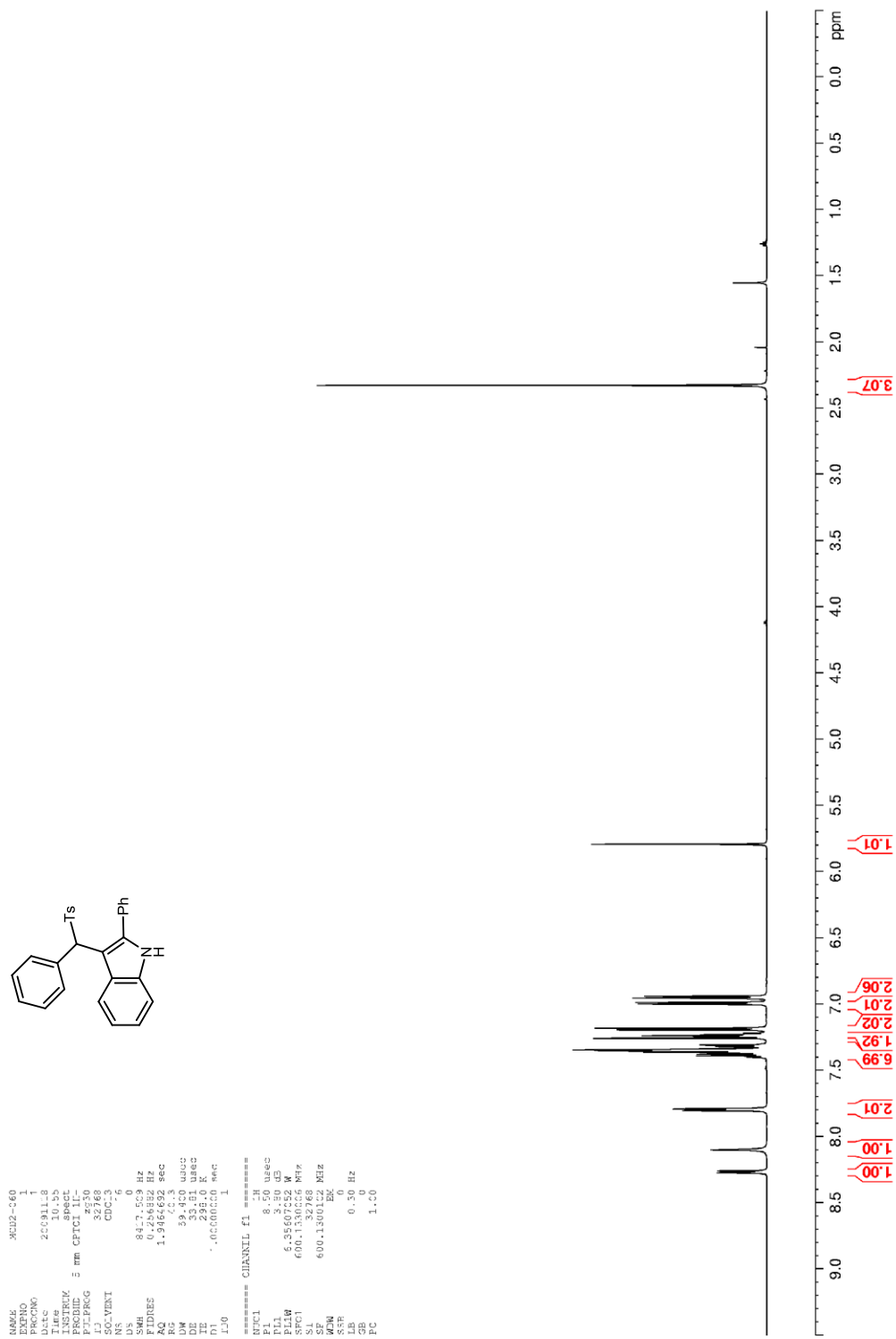
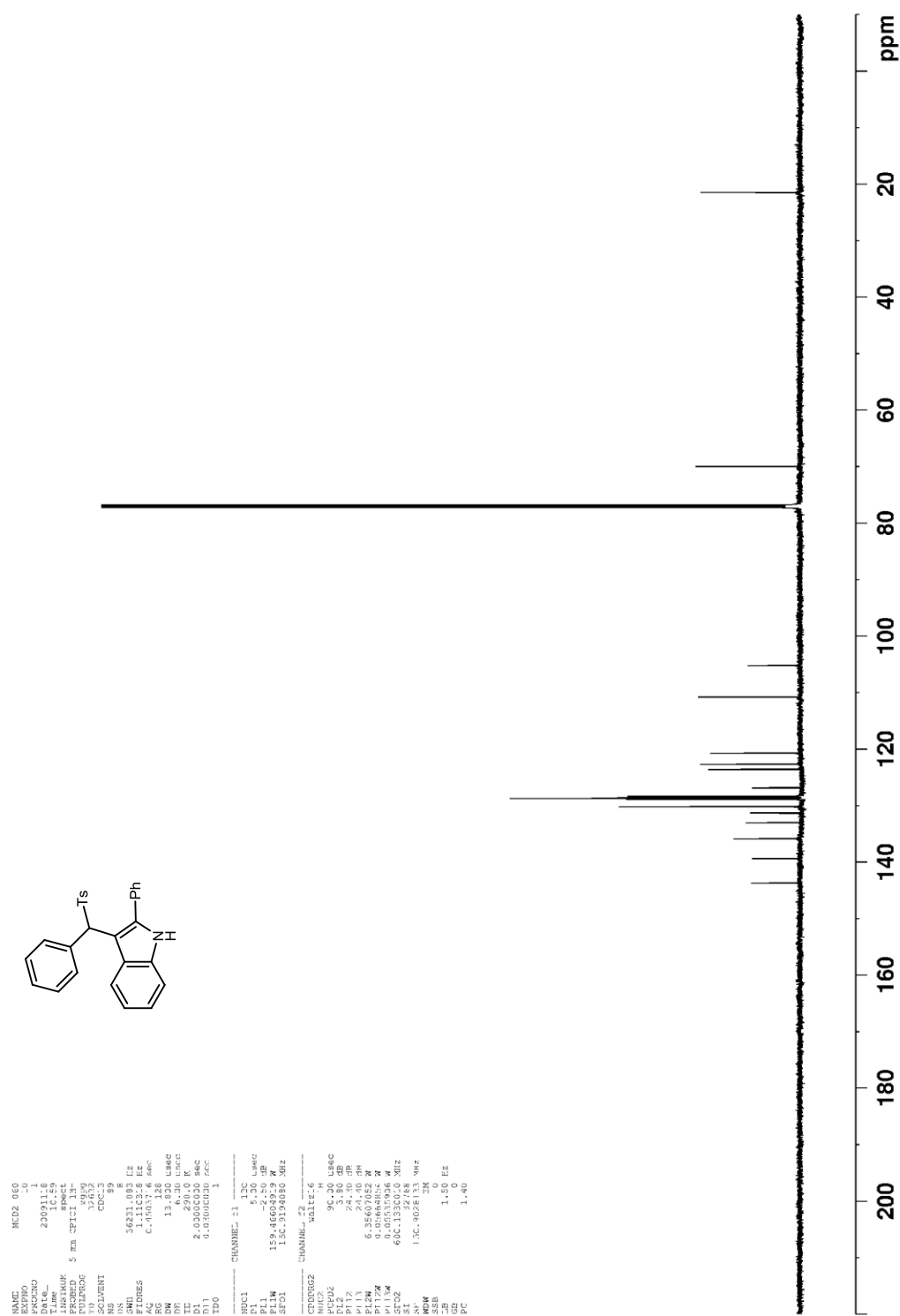
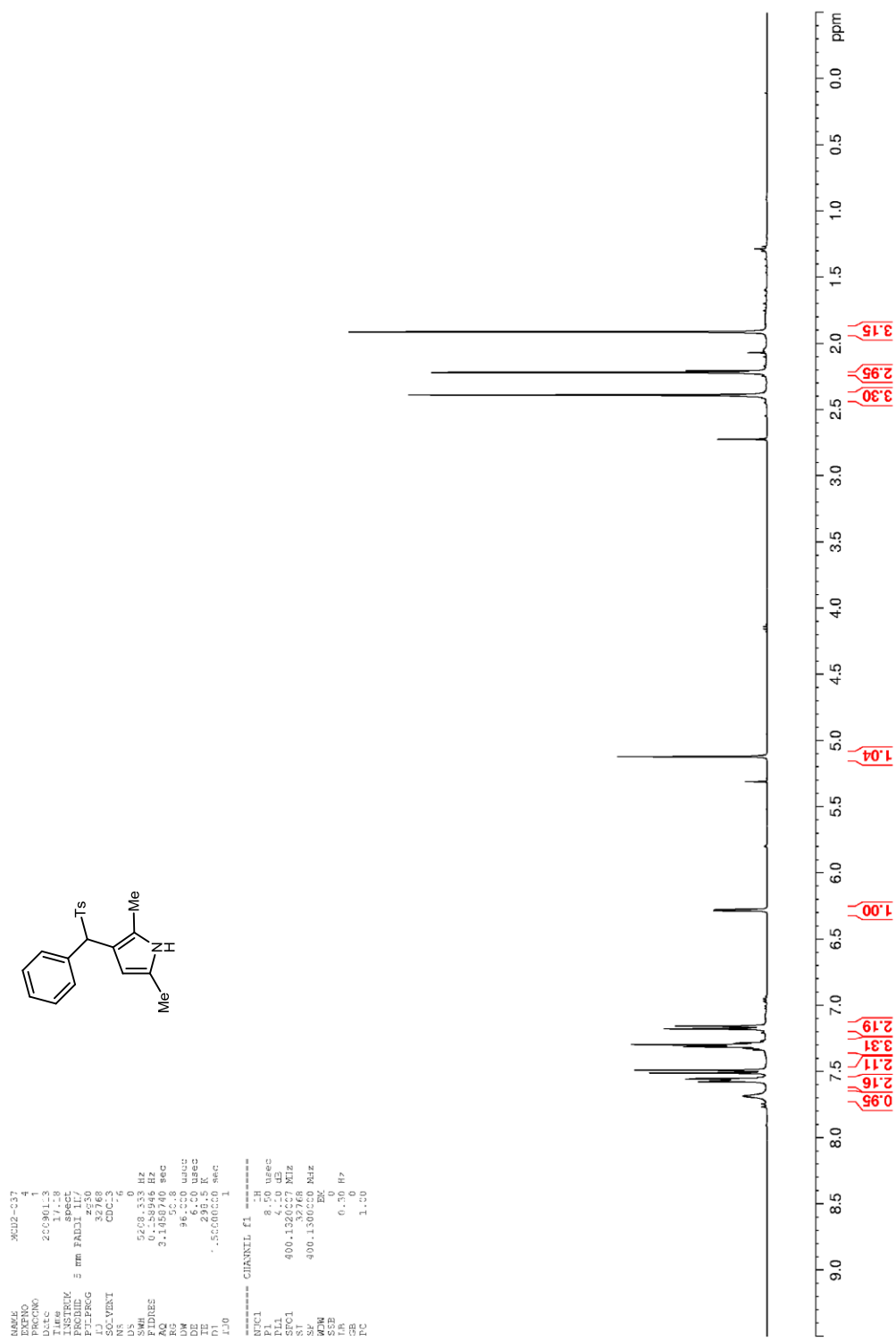
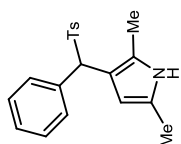


Figure 14. ^{13}C NMR (CDCl_3) of 5k.





```

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PROCNO       1
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INSTRUM      spect
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PULPROG      zgpg30
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RG           327.68
ORF           1.00000000
DPR           6.20000000
TD           1.50000000
DE           0.10000000
DELTA        1.32999998 sec
TD           1

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P1            14.50 uS
PL1           0.00 dB
SFO1          100.628355 MHz

----- CHANNEL f2 -----
NAME2         MSLT2-H
NUC2          1H
PCPD2         100.00 uS
PL2           0.00 dB
SFO2          400.146098 MHz
SI           65536
SF           400.146098 MHz
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H            1.20 Hz
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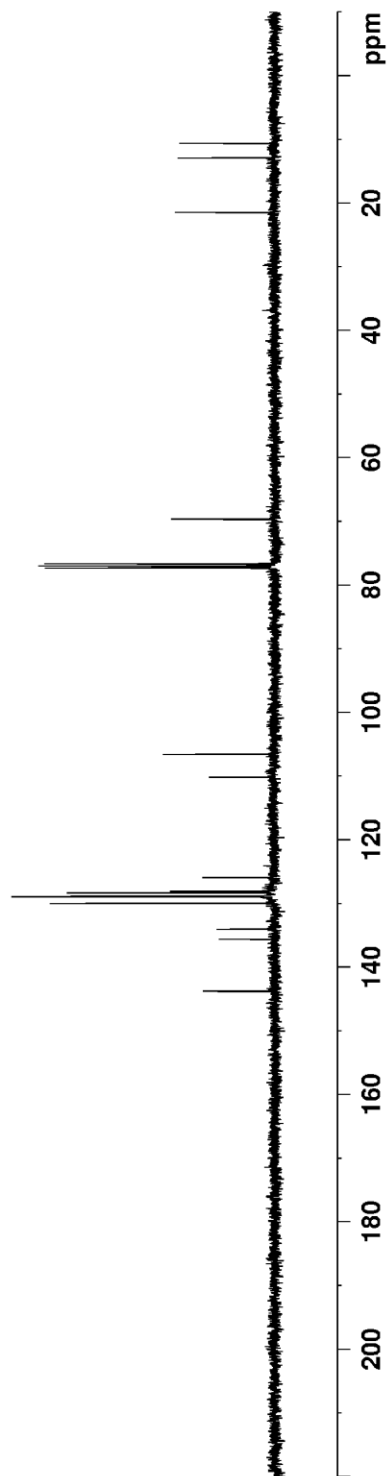


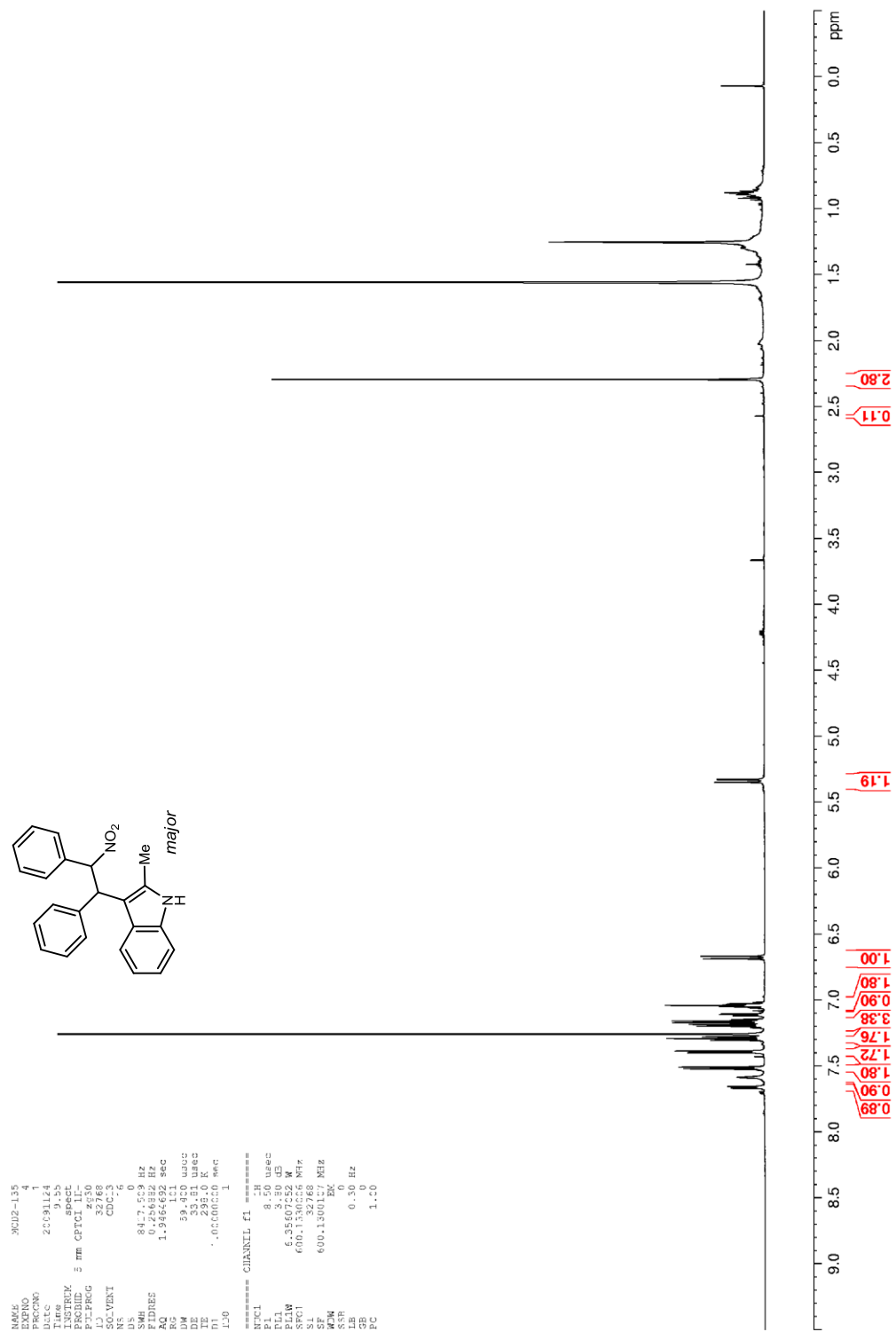
Figure 17. ^1H NMR (CDCl_3) of 6a (major).

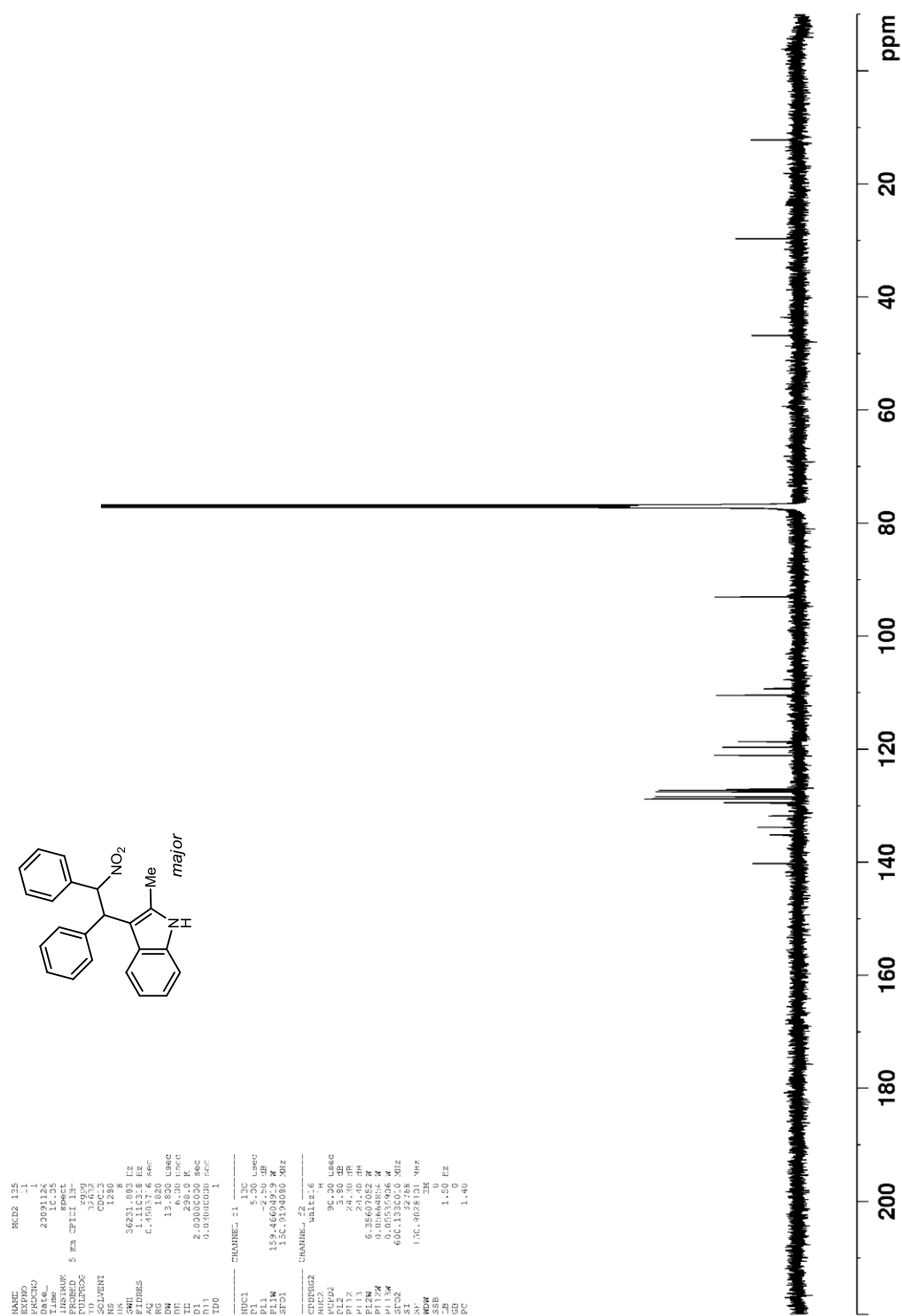
Figure 18. ^{13}C NMR (CDCl_3) of 6a (major).

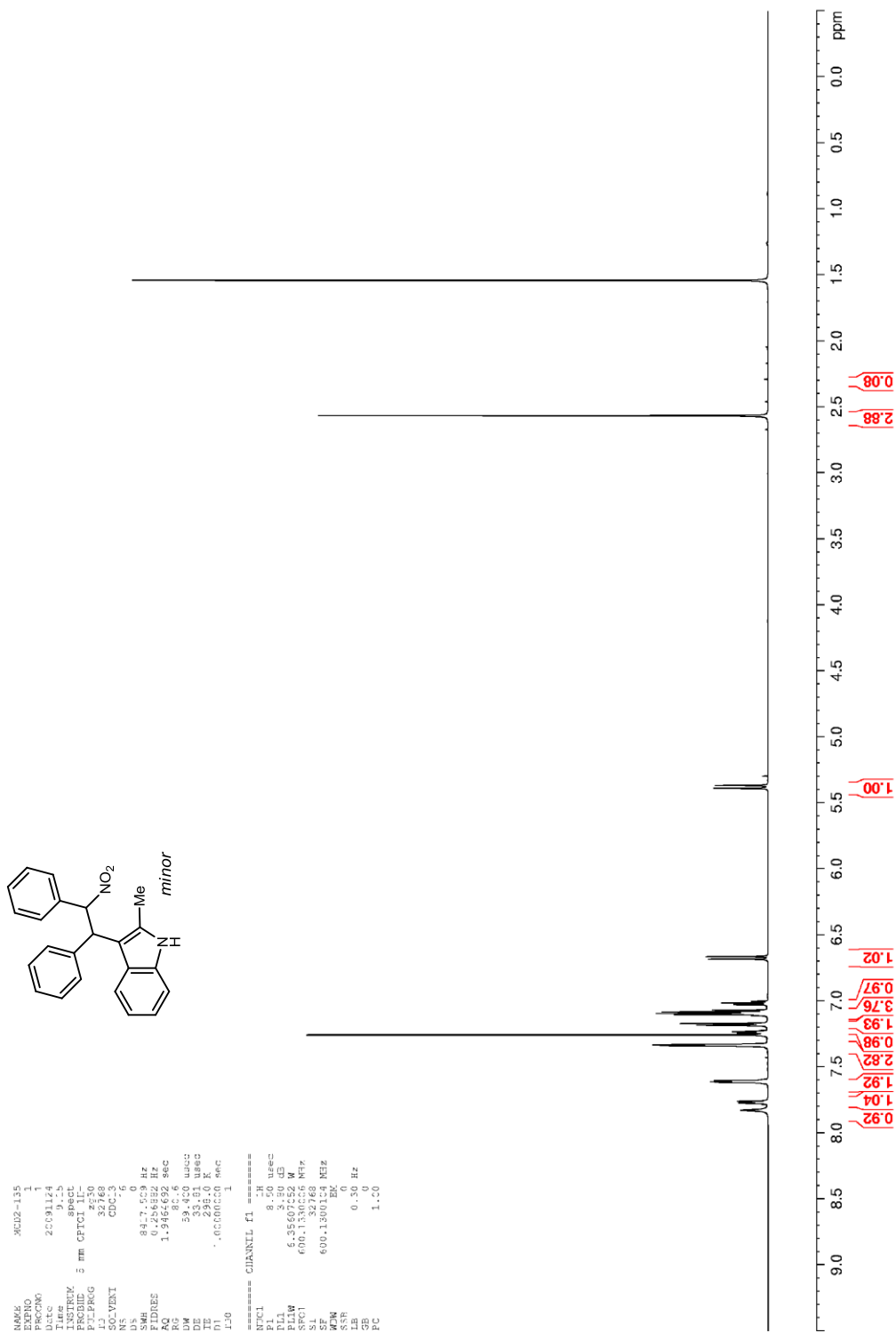
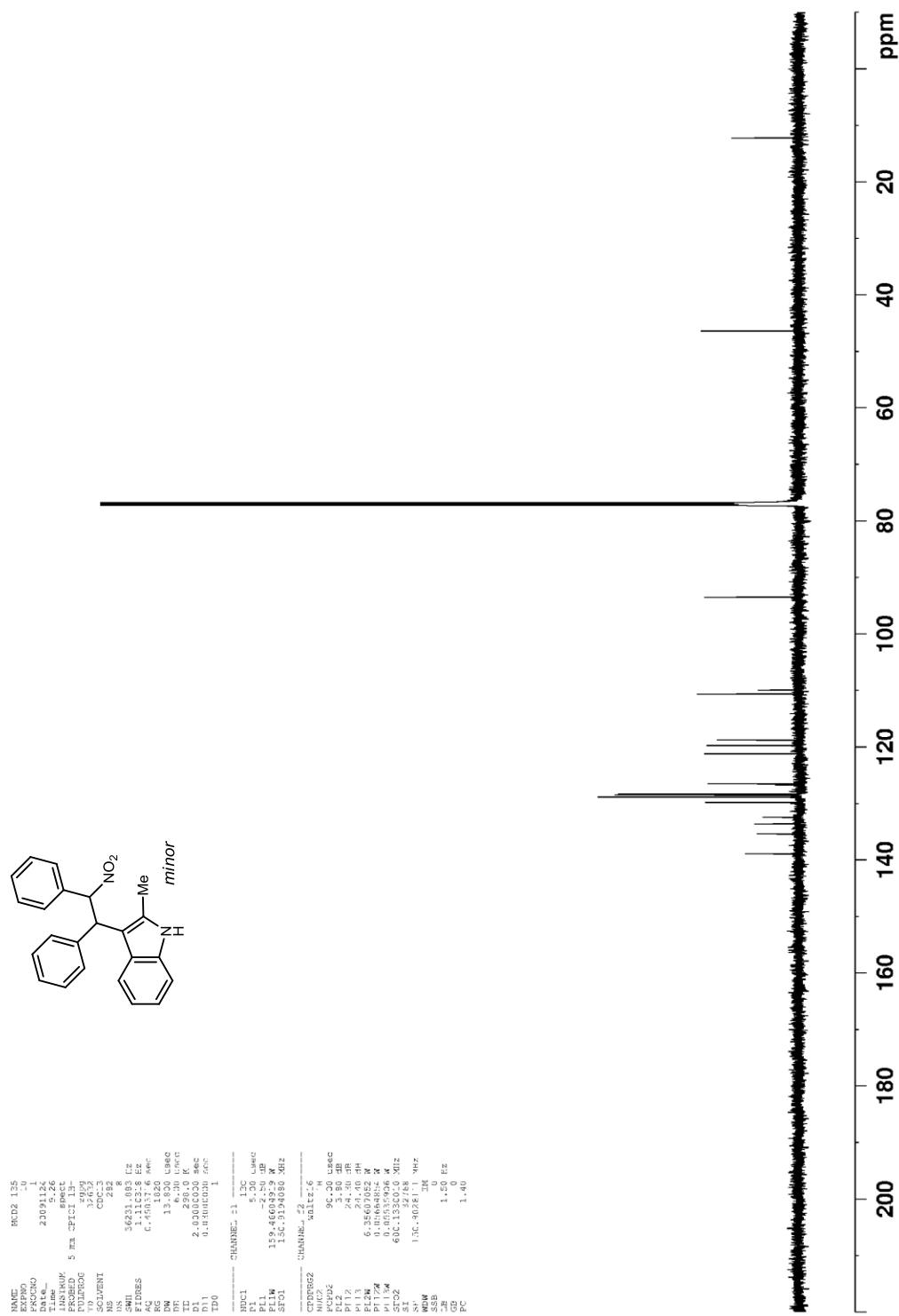
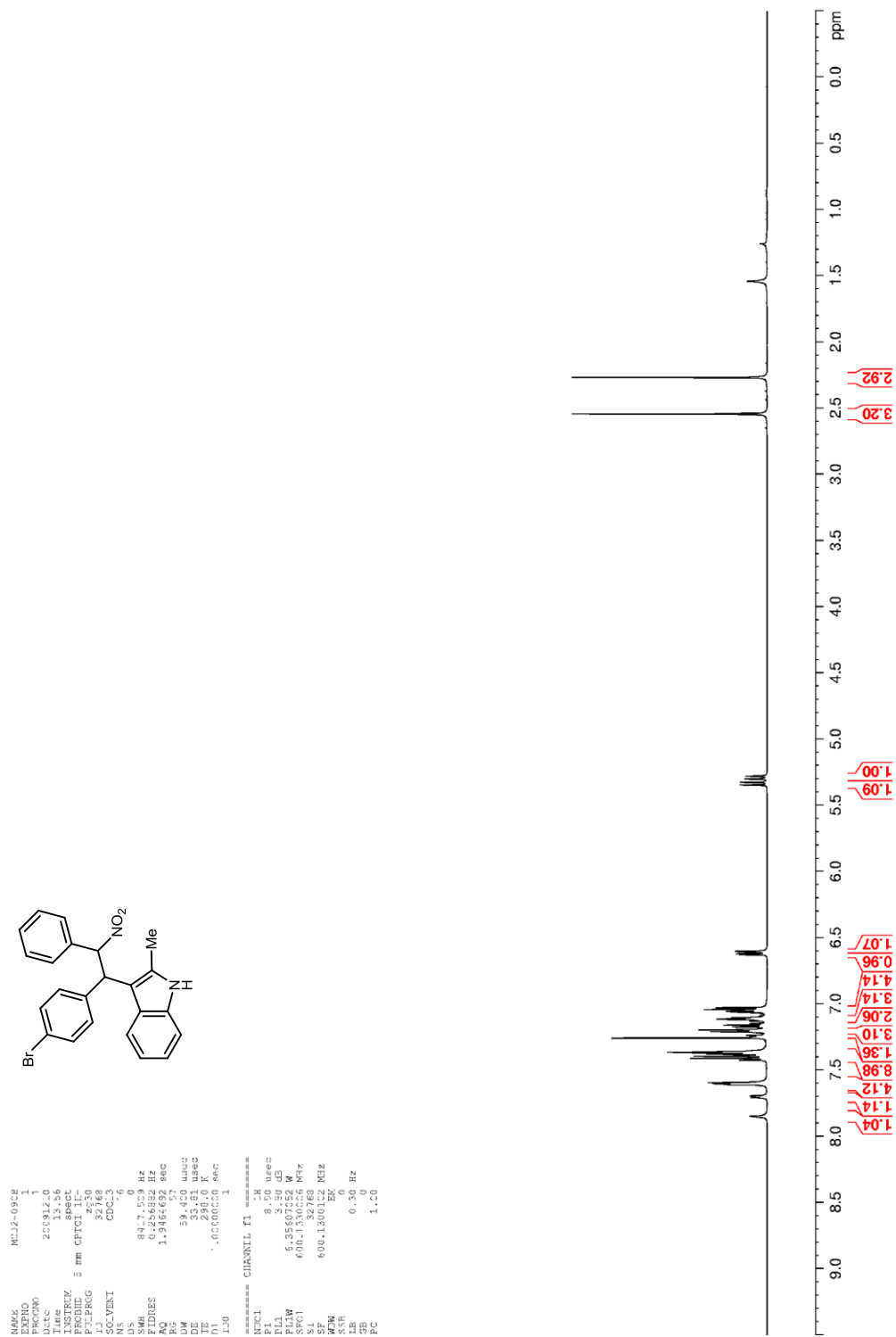
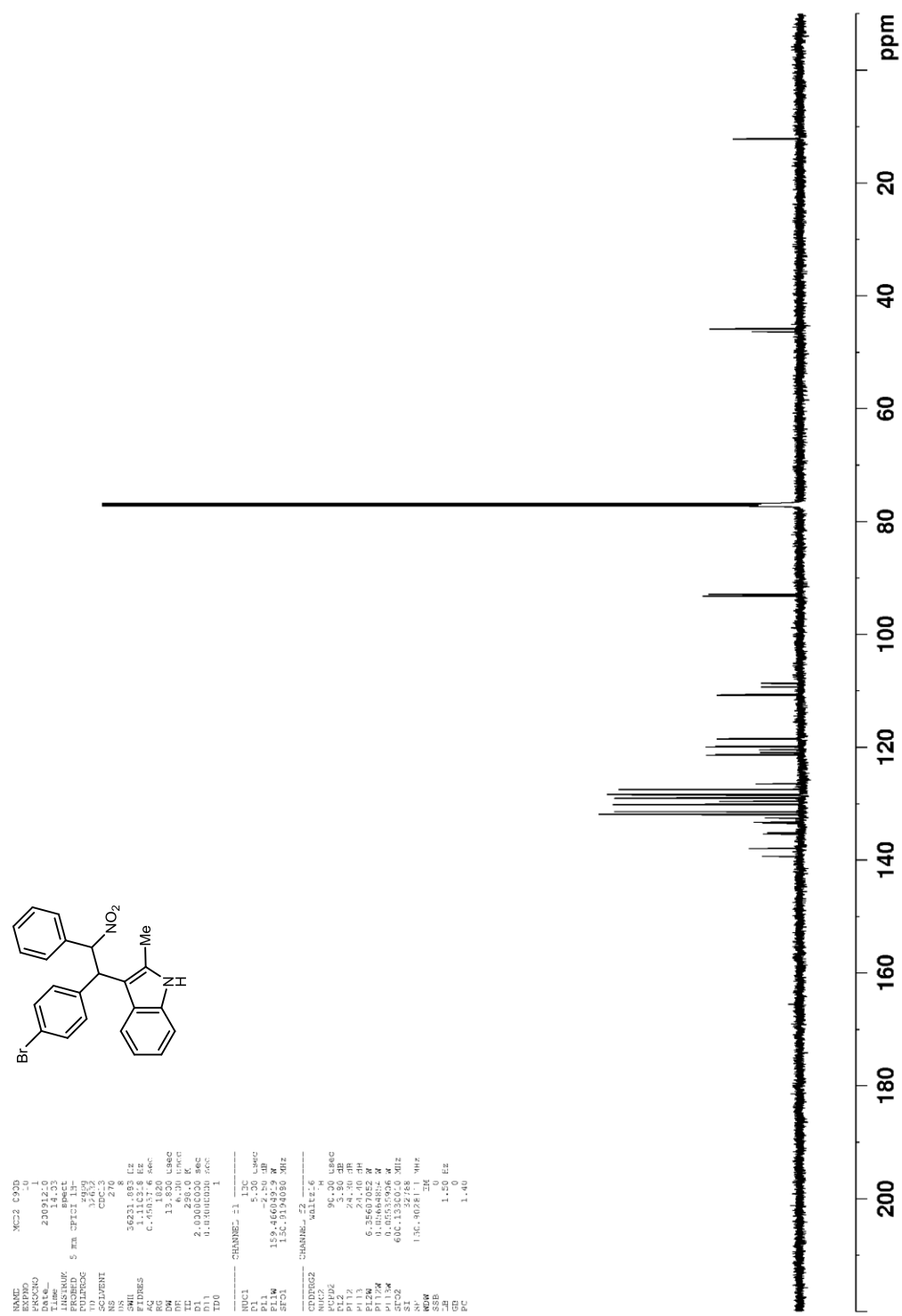
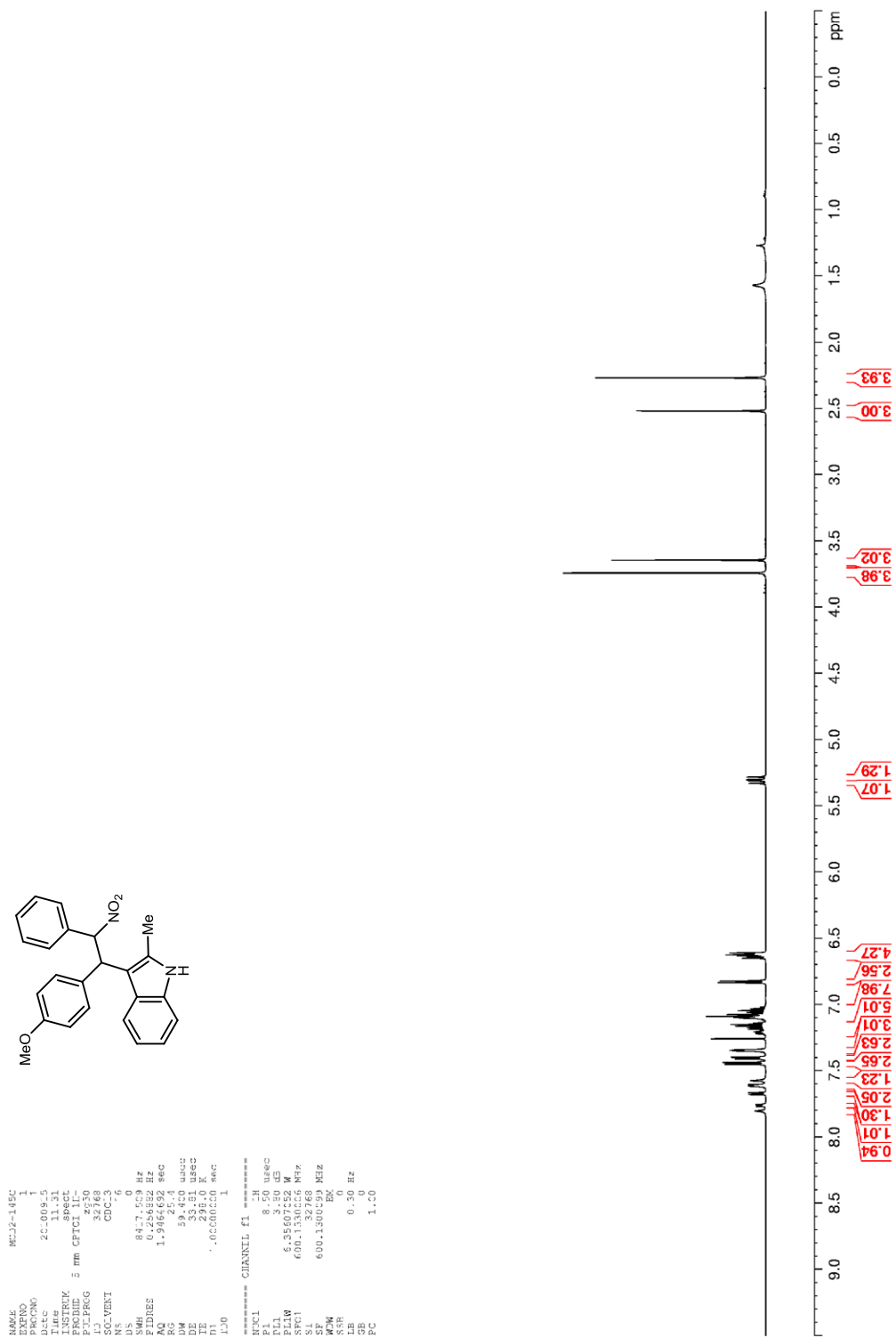
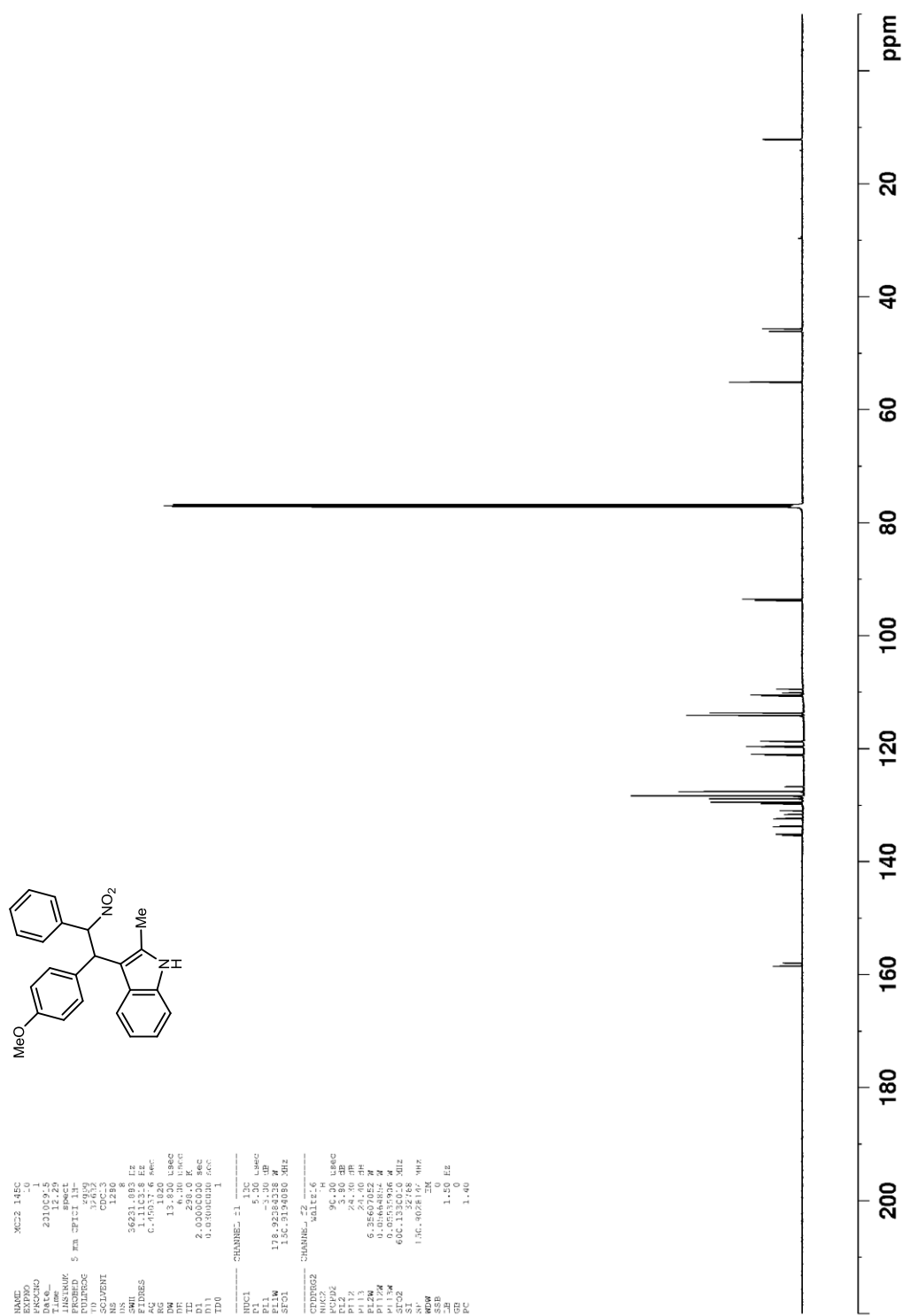
Figure 19. ^1H NMR (CDCl_3) of 6a (minor).

Figure 20. ^{13}C NMR (CDCl_3) of 6a (minor).









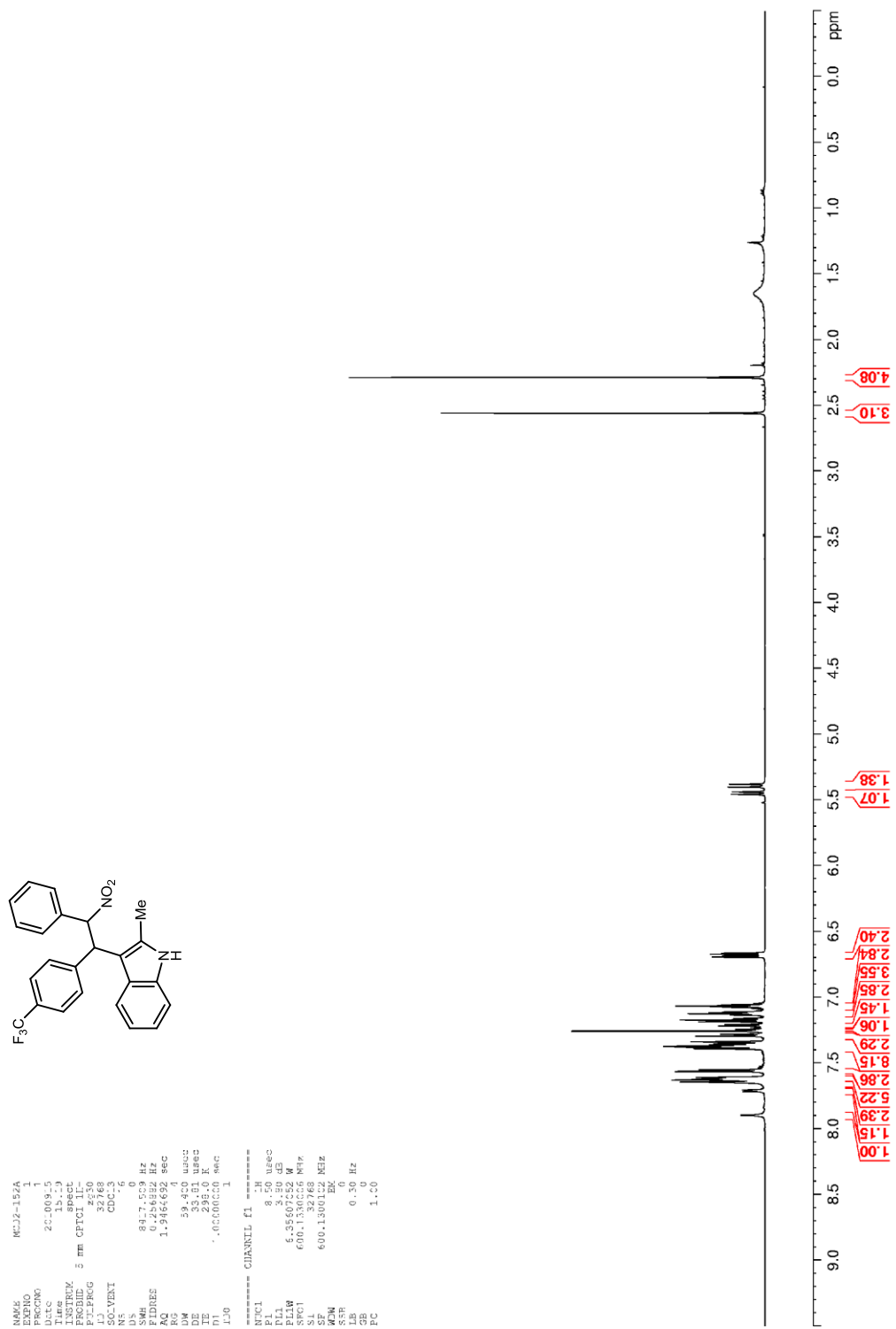
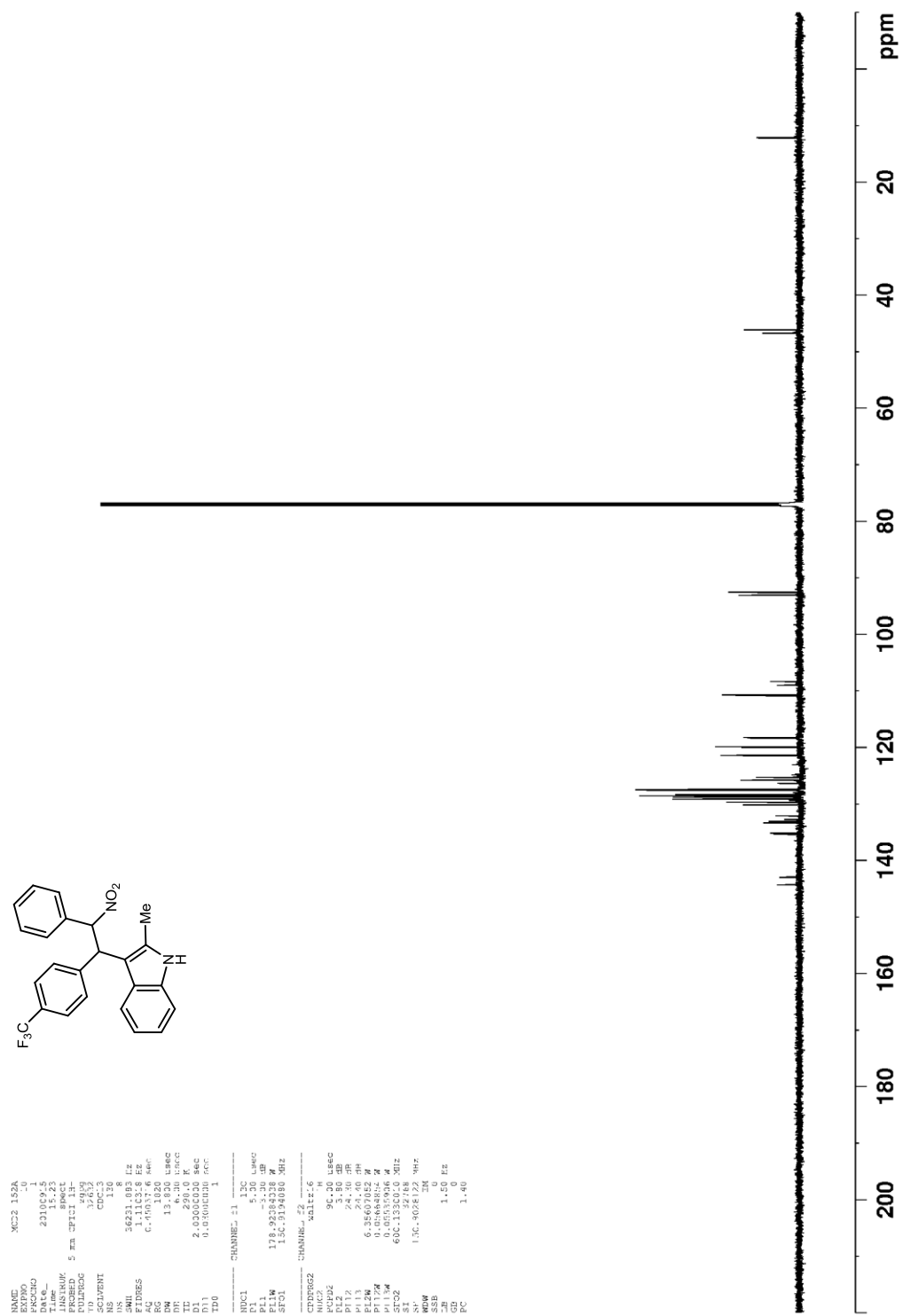
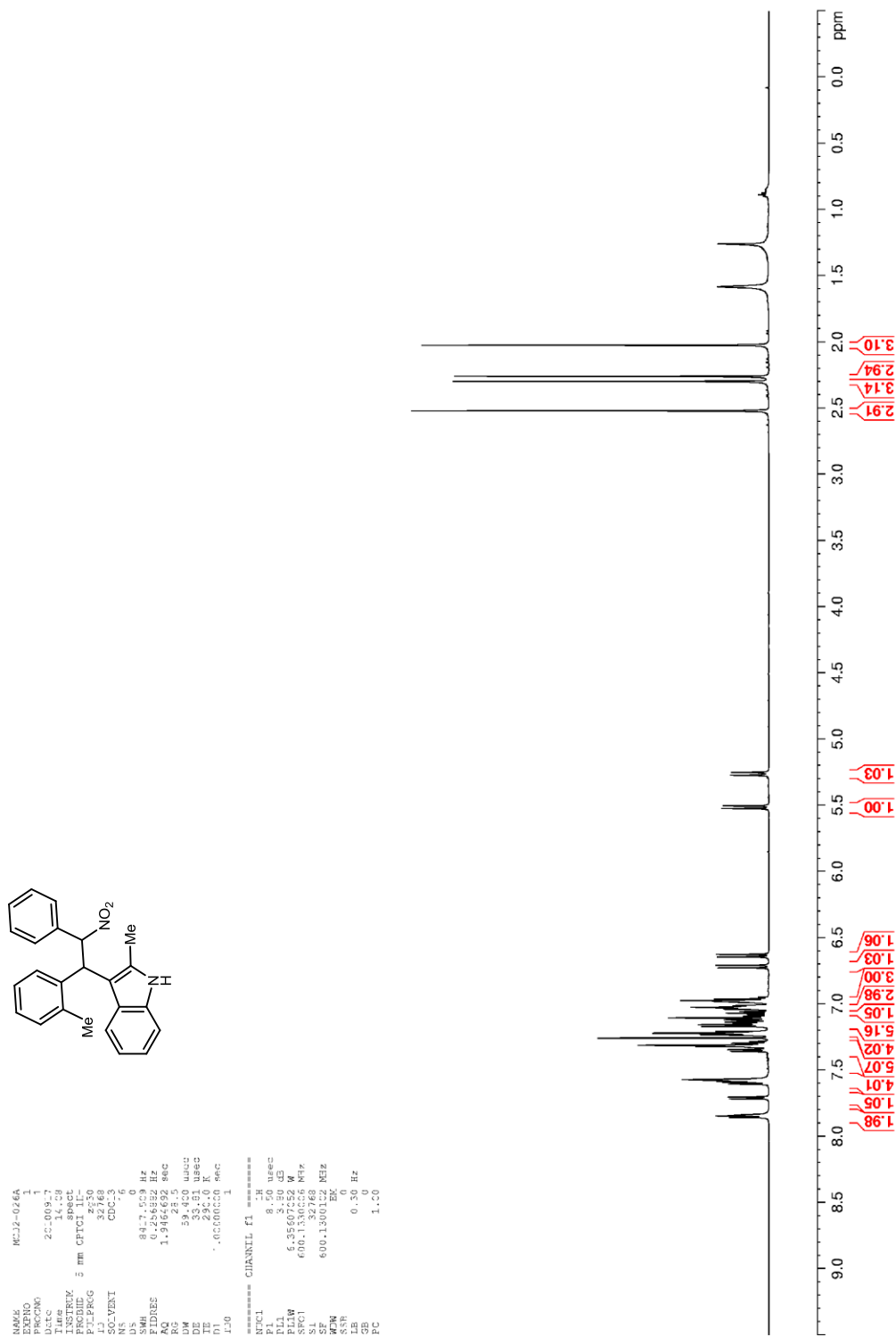
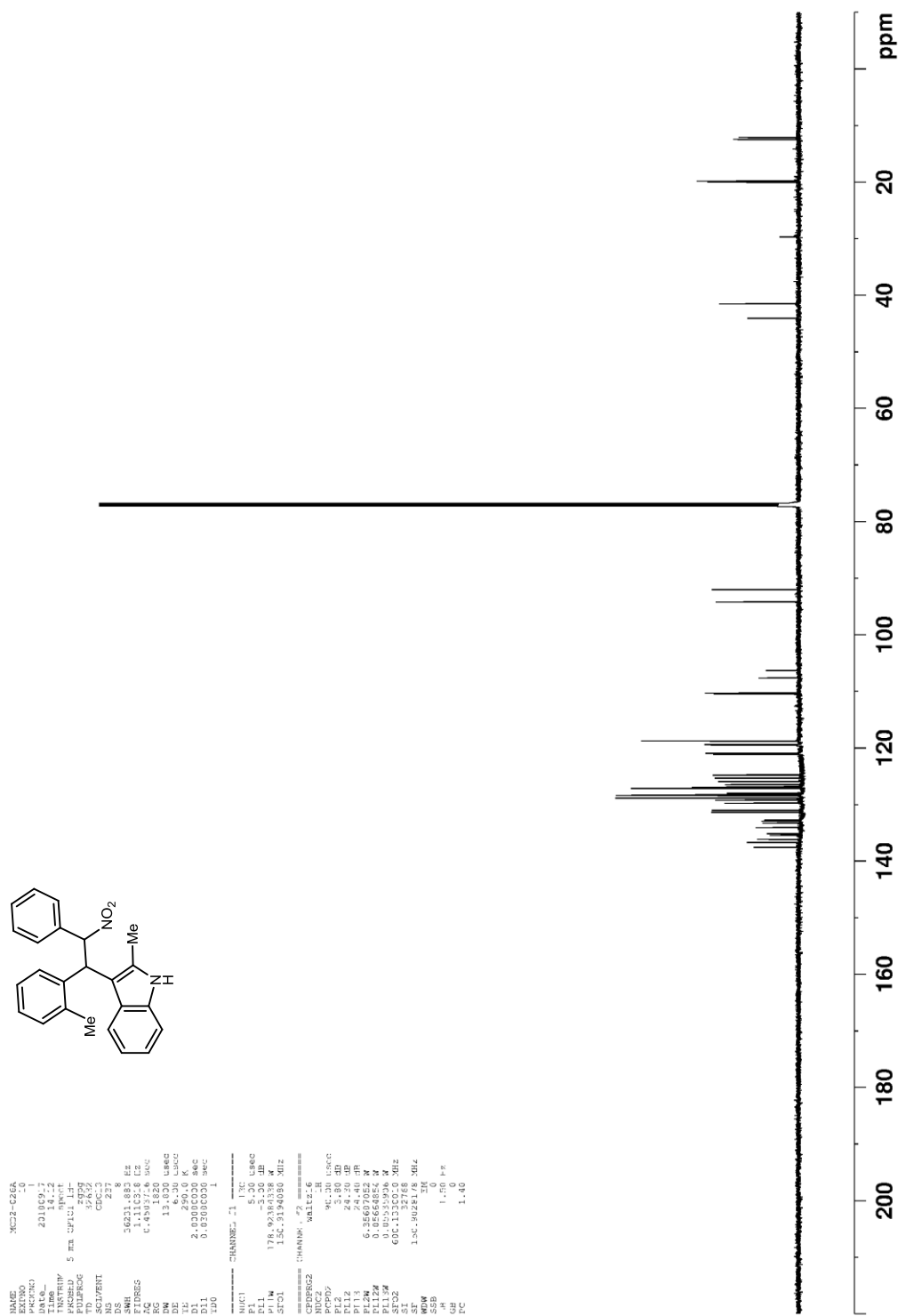
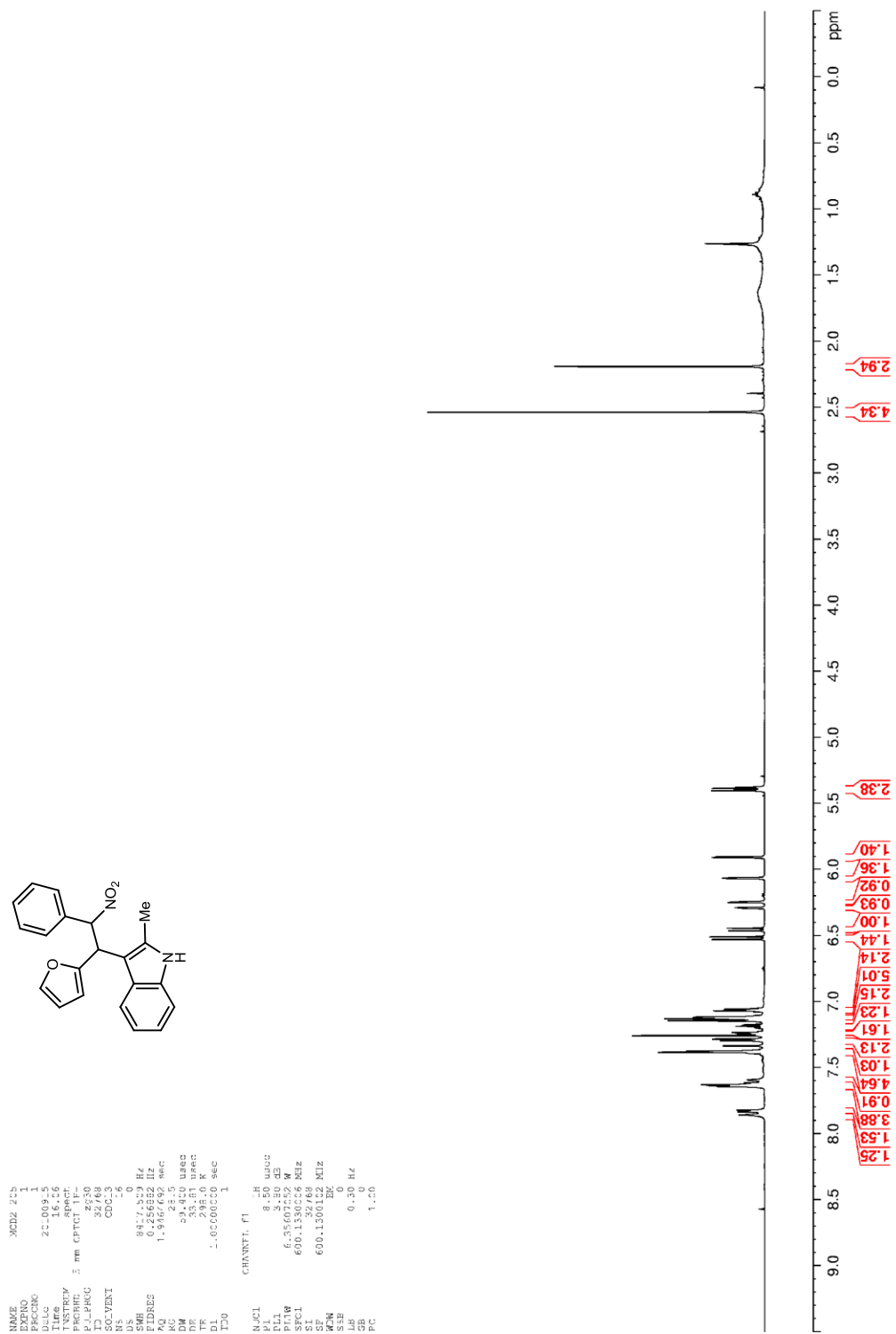


Figure 26. ^{13}C NMR (CDCl_3) of 6d.







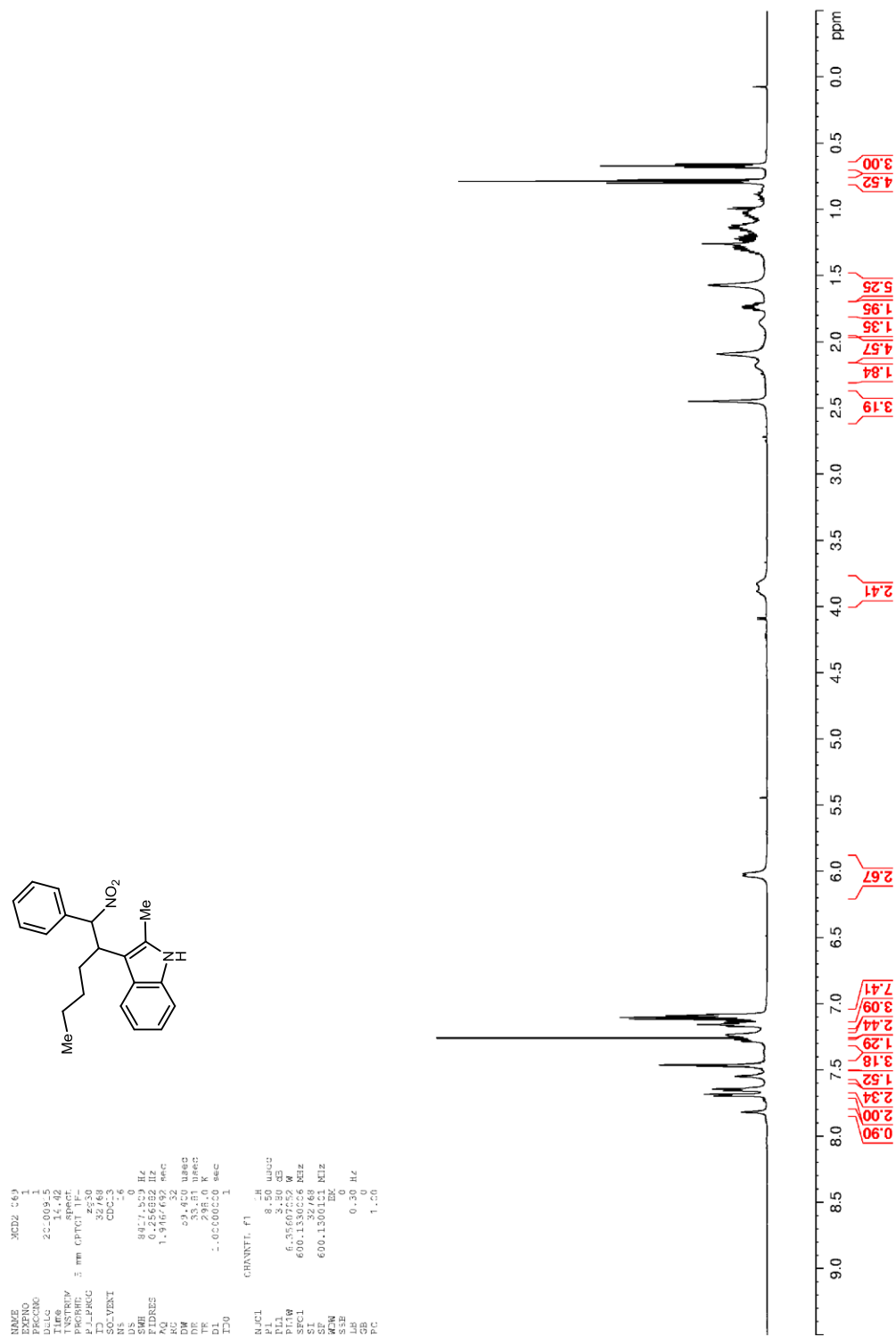
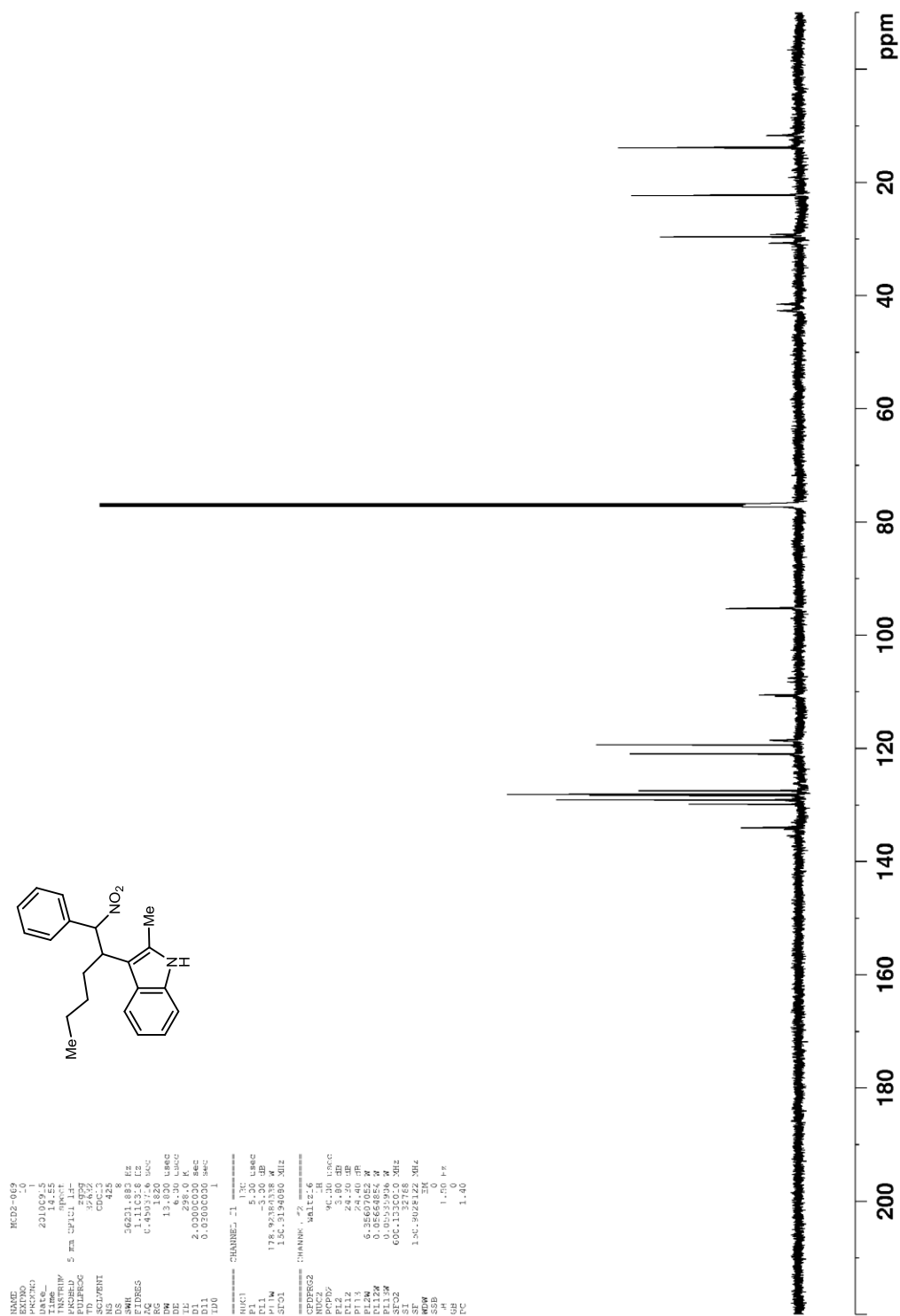


Figure 32. ^{13}C NMR (CDCl_3) of 6g.

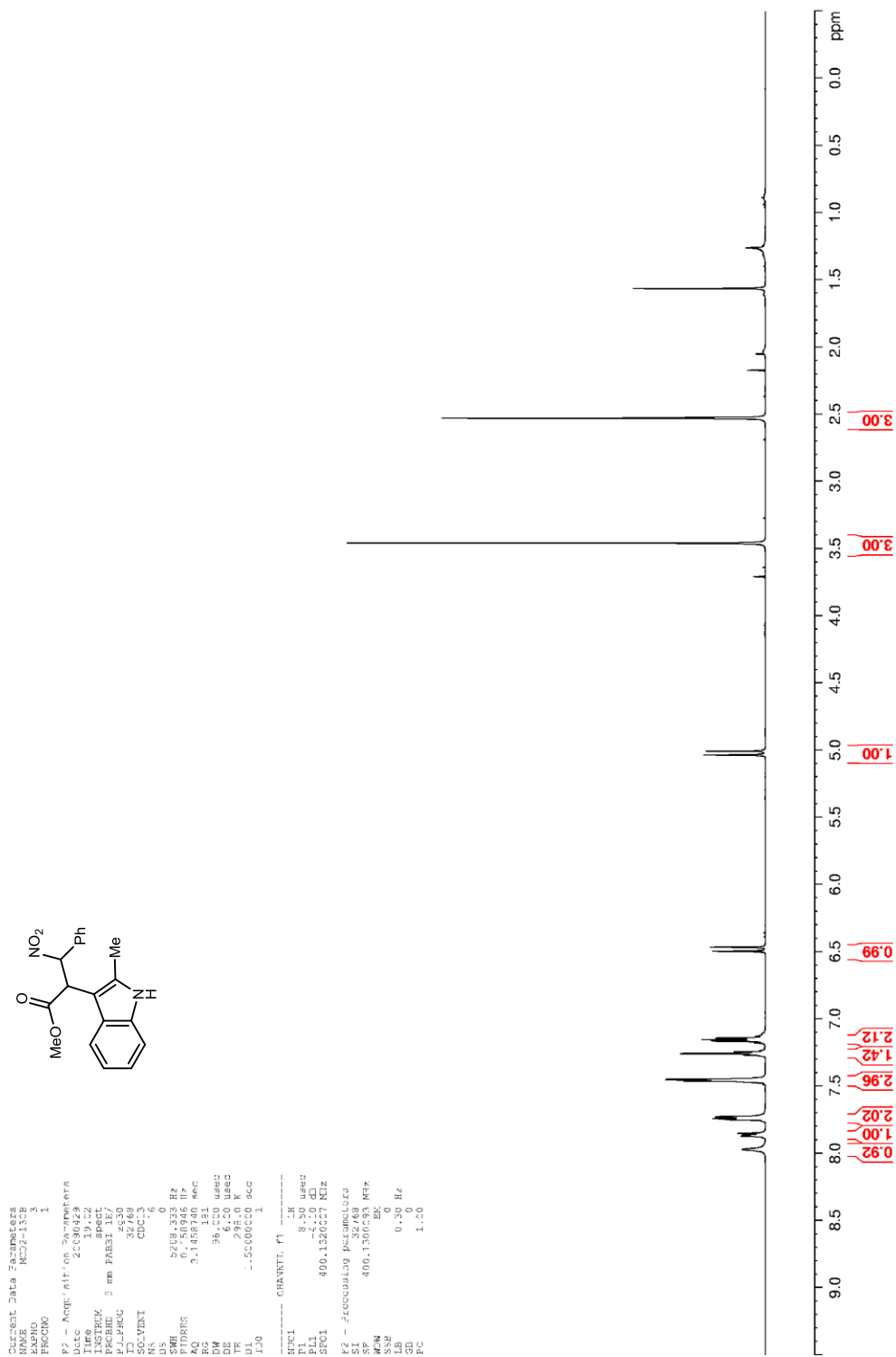


Figure 34. ¹³C NMR (CDCl₃) of 6h.

