



J. Am. Chem. Soc., 1996, 118(36), 8553-8565, DOI:[10.1021/ja961373w](https://doi.org/10.1021/ja961373w)

Terms & Conditions

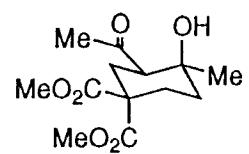
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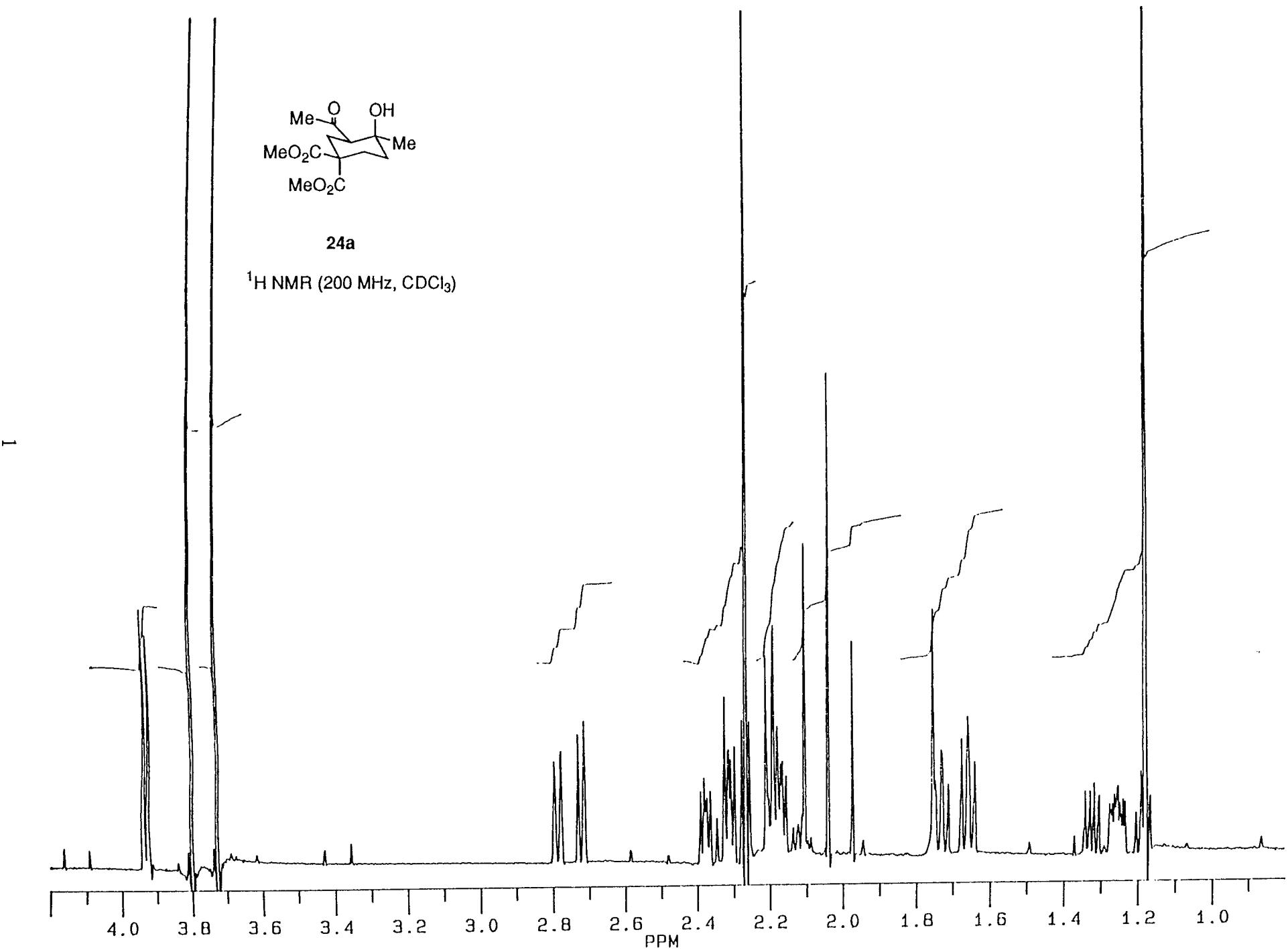
MOST TRUSTED. MOST CITED. MOST READ.

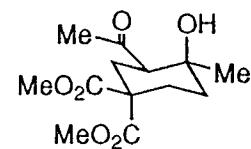
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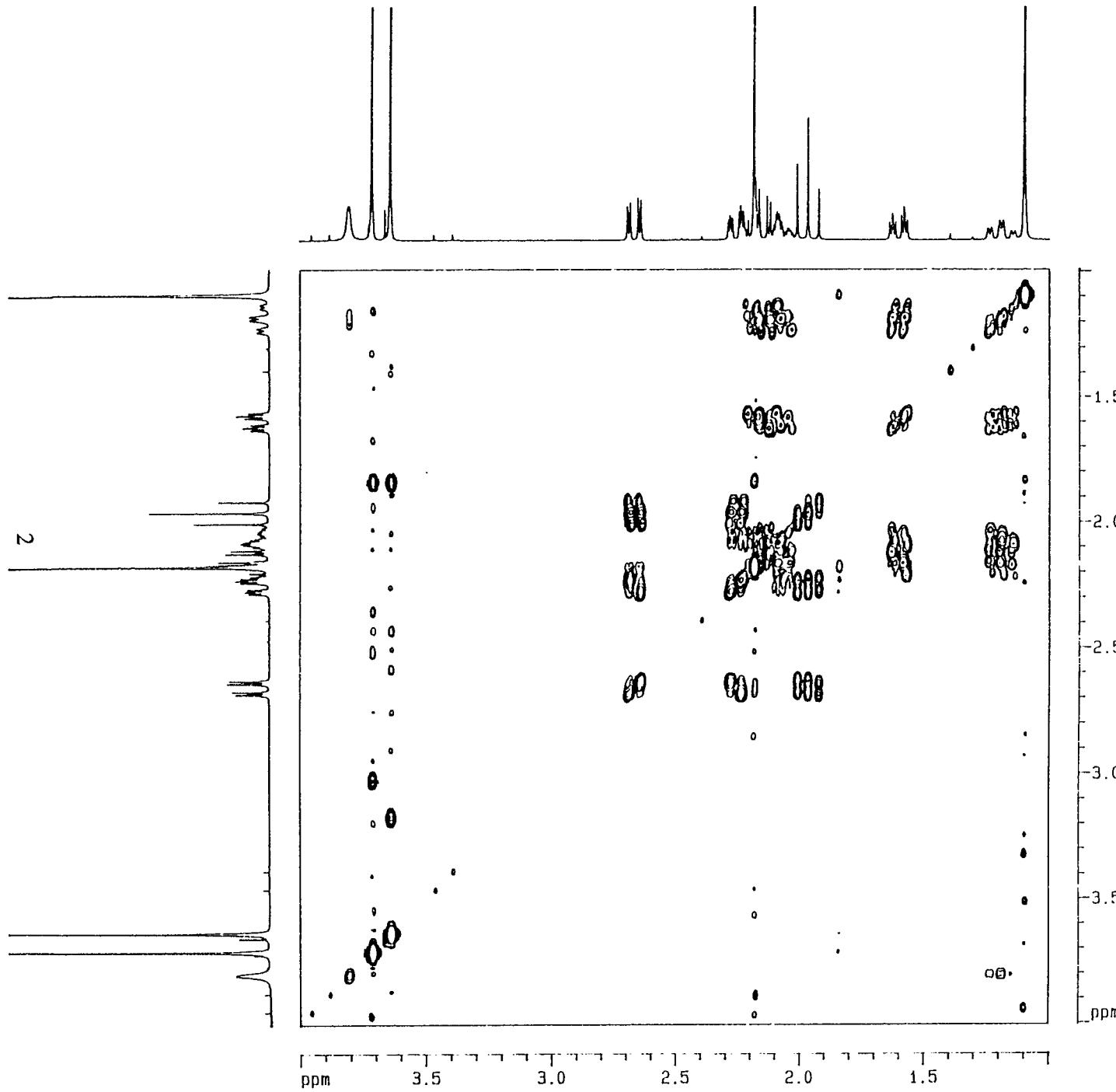
24a

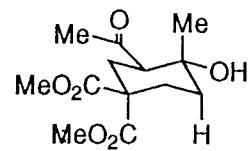
¹H NMR (200 MHz, CDCl₃)





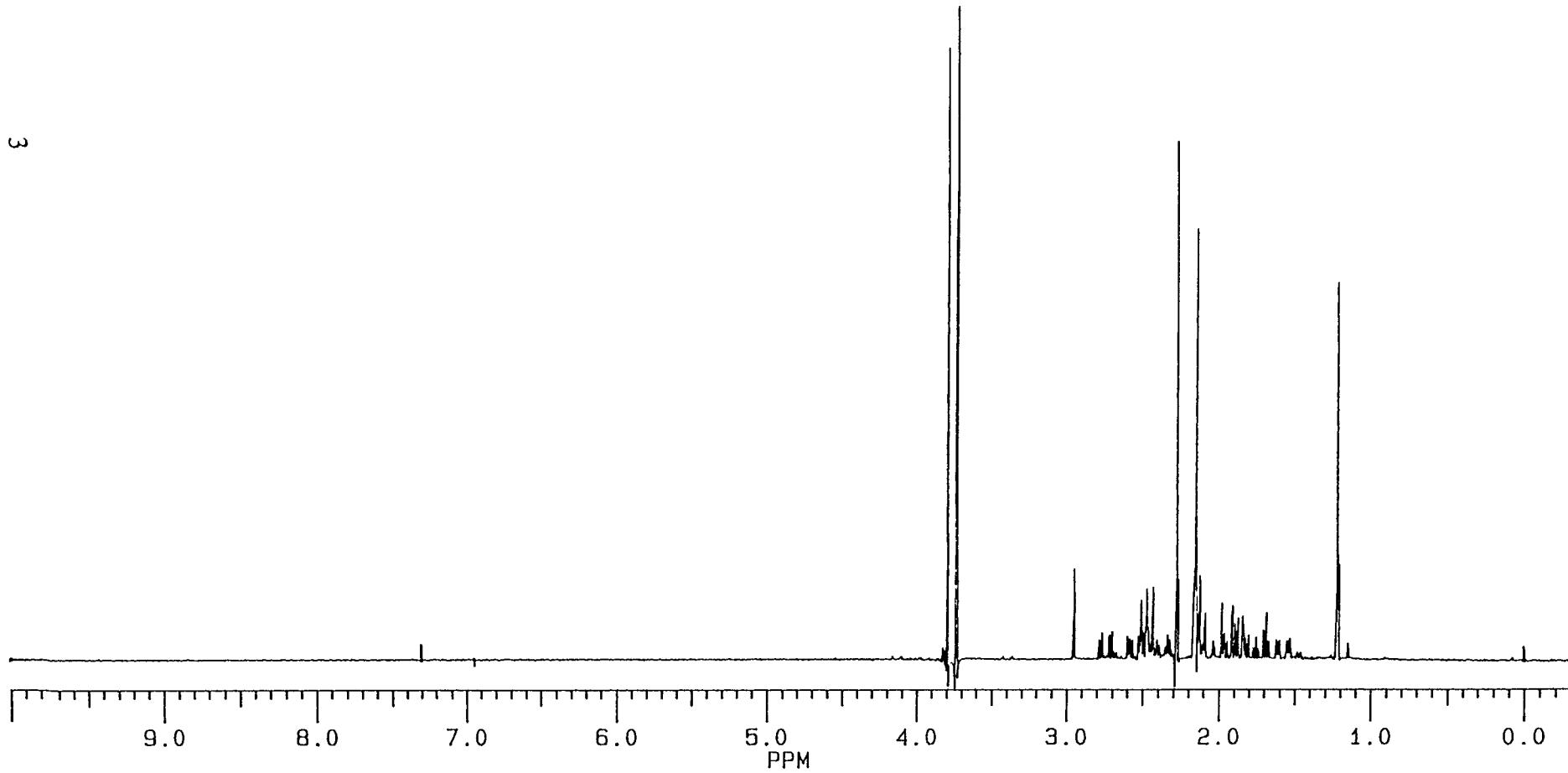
COSY (300 MHz, CDCl_3)

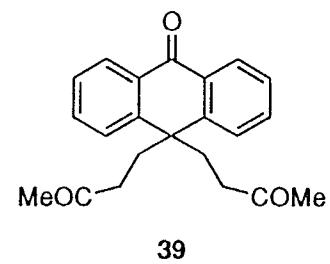




24b

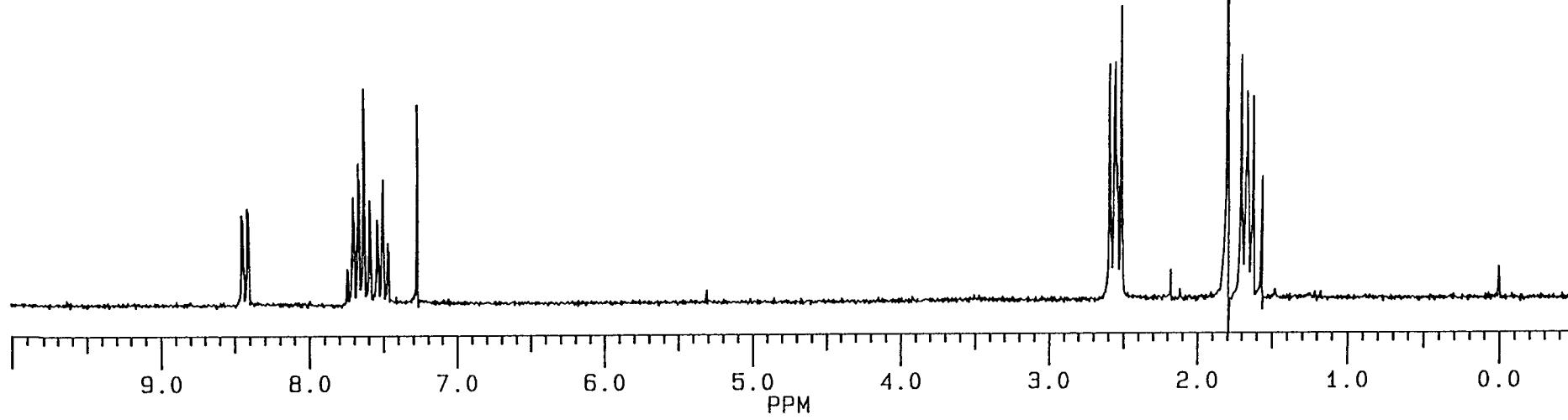
¹H NMR (200 MHz, CDCl₃)

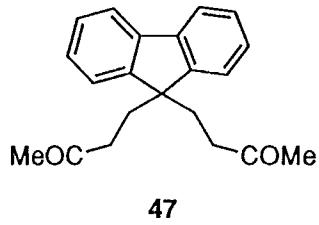




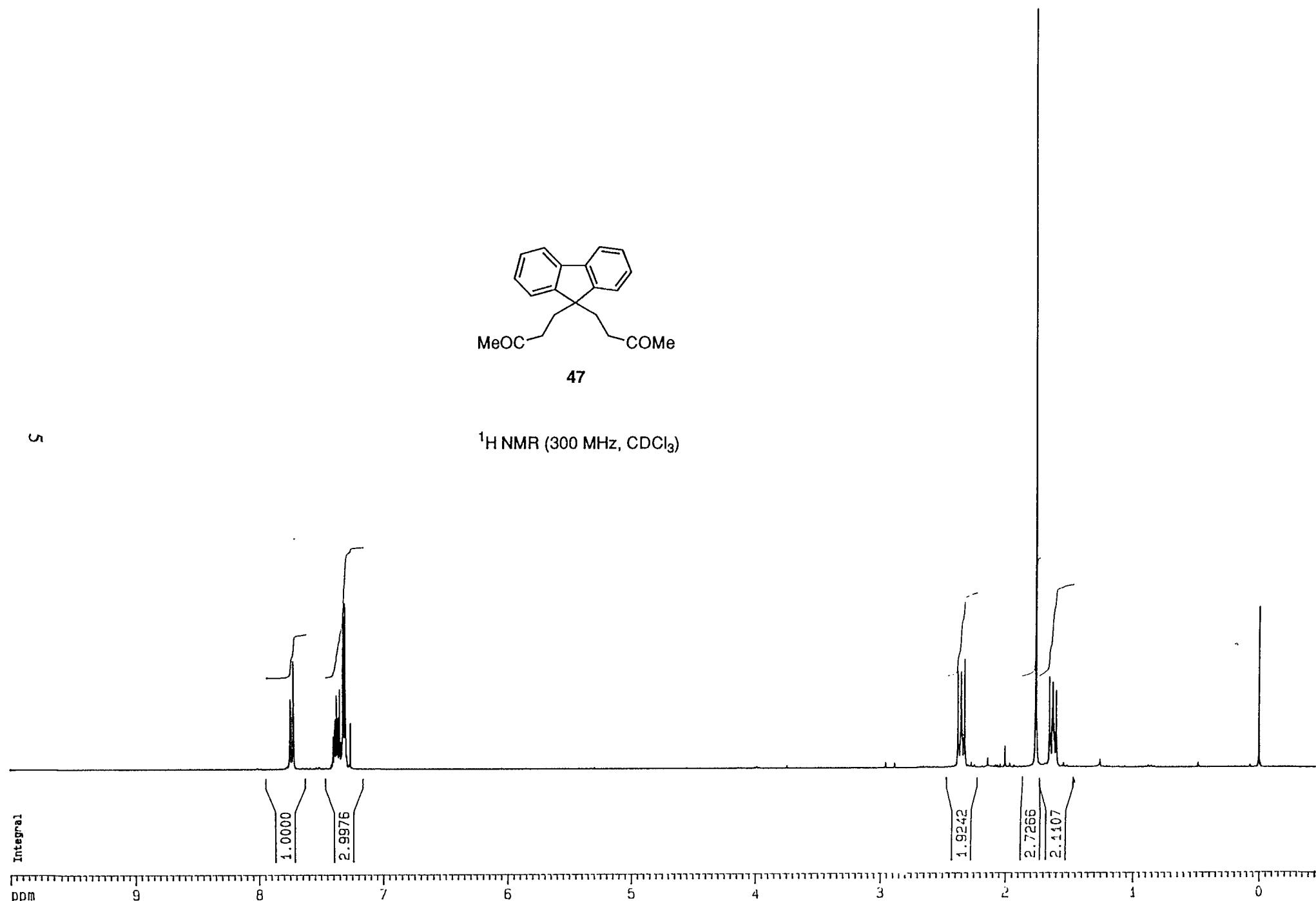
^1H NMR (200 MHz, CDCl_3)

▲

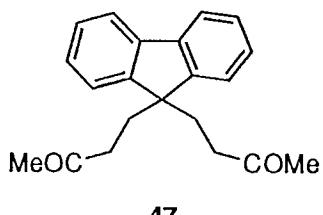




^1H NMR (300 MHz, CDCl_3)

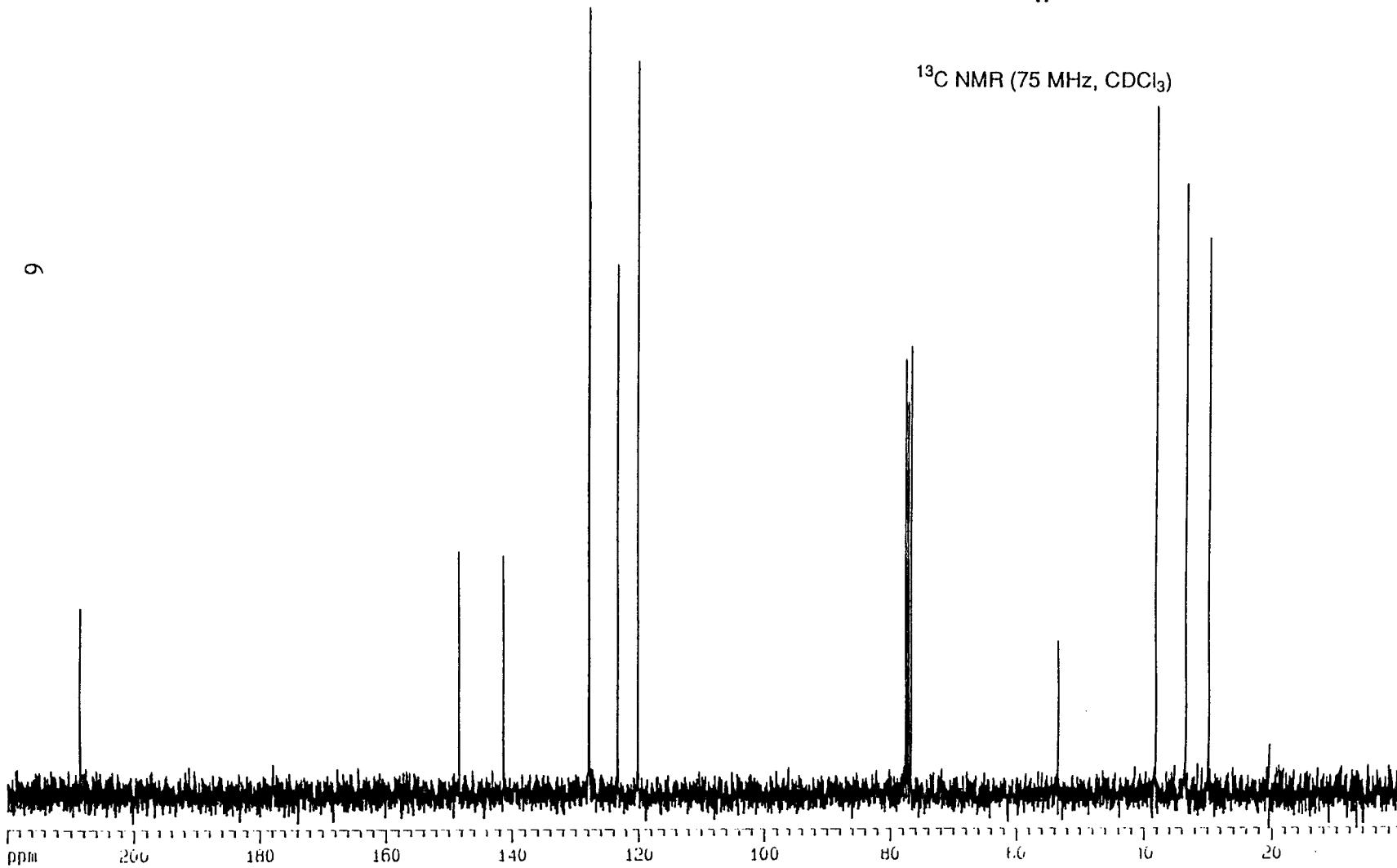


Current Data Parameters
NAME 4883-jmf1d
EXPNO 1
PDENO 1



47

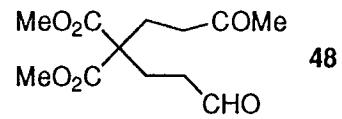
¹³C NMR (75 MHz, CDCl₃)



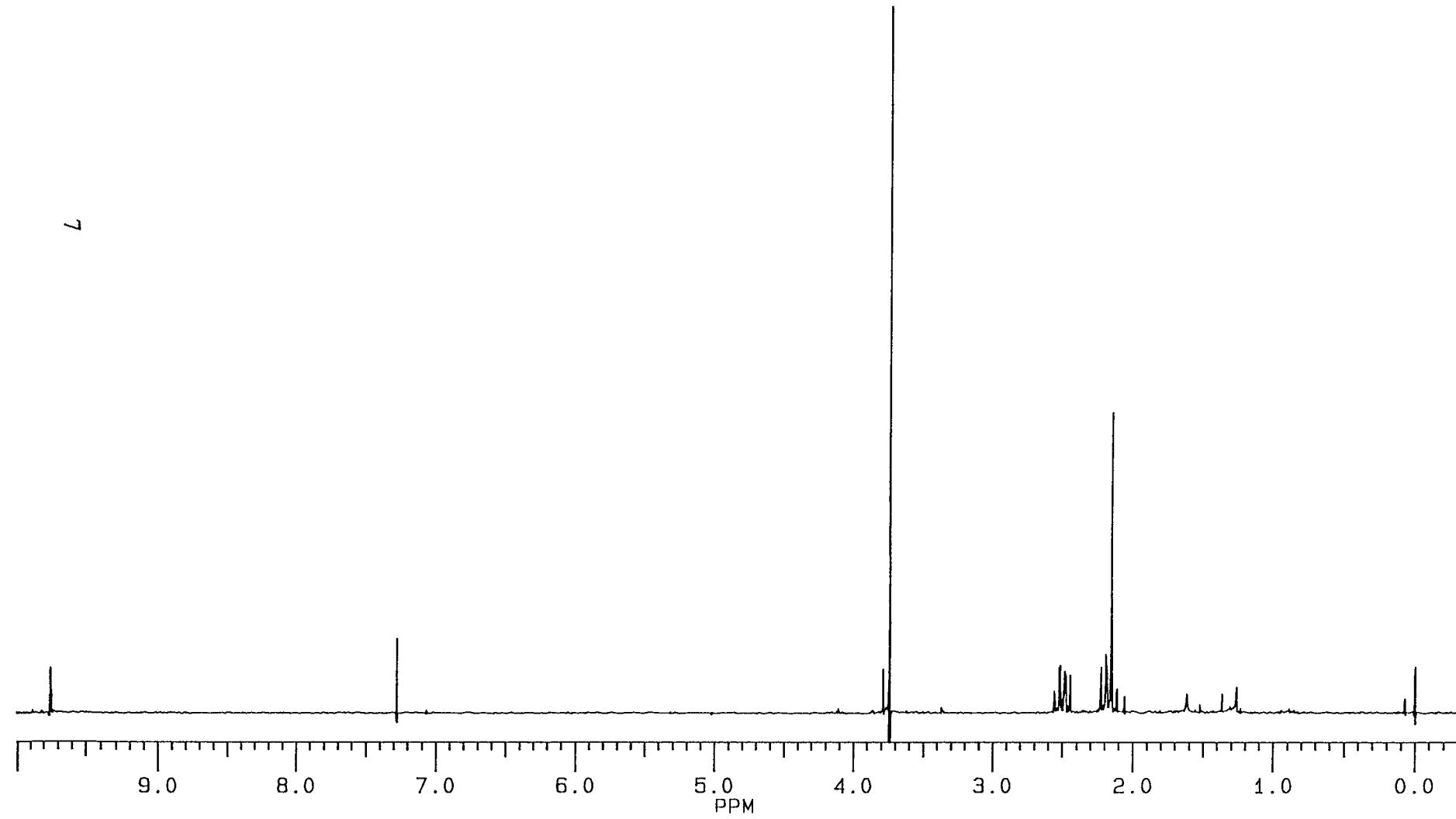
F2 - Acquisition Parameters
Date 951018
Time 14.25
PULPROG zgpg
SLC VLT 10213
AG 0.9175240 sec
TD 0.544957 Hz
DW 28.0 usec
RG 32768
NUCPLDS 13C
BL1 1 dB
D1 1.000000 sec
D31 100.0 usec
SI 28 dB
D11 0.030000 sec
D2 28 dB
P1 3.0 usec
PR 57.0 usec
SR01 75.4771013 Hz
SW1 17857.14 Hz
TD 32768
T1 32768
T2 188
T3 0

F2 - Processing parameters
ST 163d4
SF 75.4771013 Hz
WDW EH
SCB 0
TB 1.00 Hz
SS 0
TP 1.40

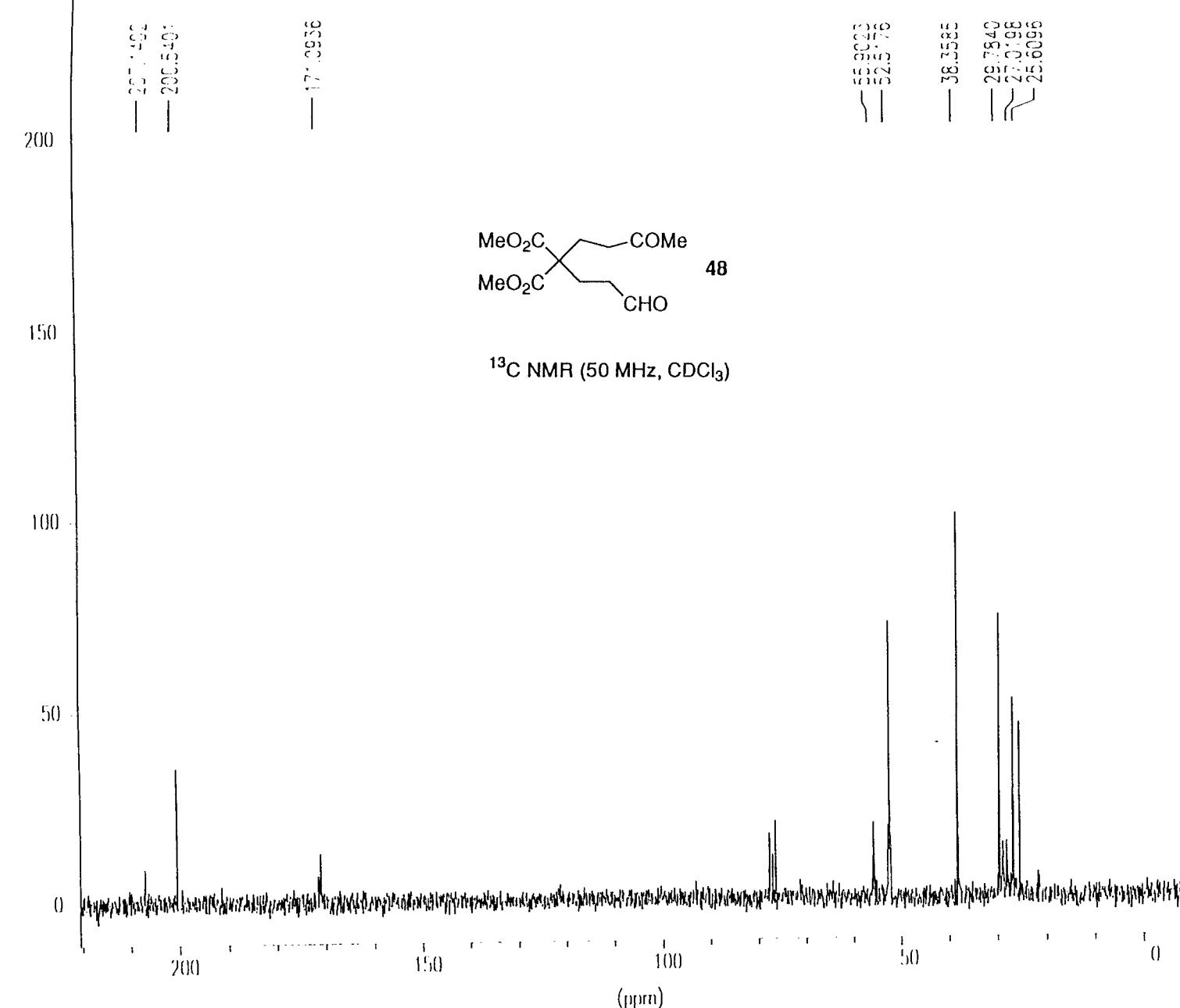
1H Shift plot parameters
tx 123.00 cm
f1p 250.000 ppm
f1 16603.09 Hz
f2p 0.000 ppm
f2 0.00 Hz
f1fcn 9.58542 ppm, t
f2fcn 721.8354 Hz, t



^1H NMR (200 MHz, CDCl_3)



SENSIBILIDAD 13C SONDA REVERSA 5MM Z03221/001



*** Current Data Parameters ***

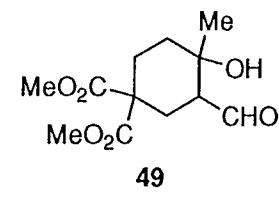
NAME : 1101JMCC
EXPNO : 111
PROCNO : 1

*** 1D NMR Plot Parameters ***

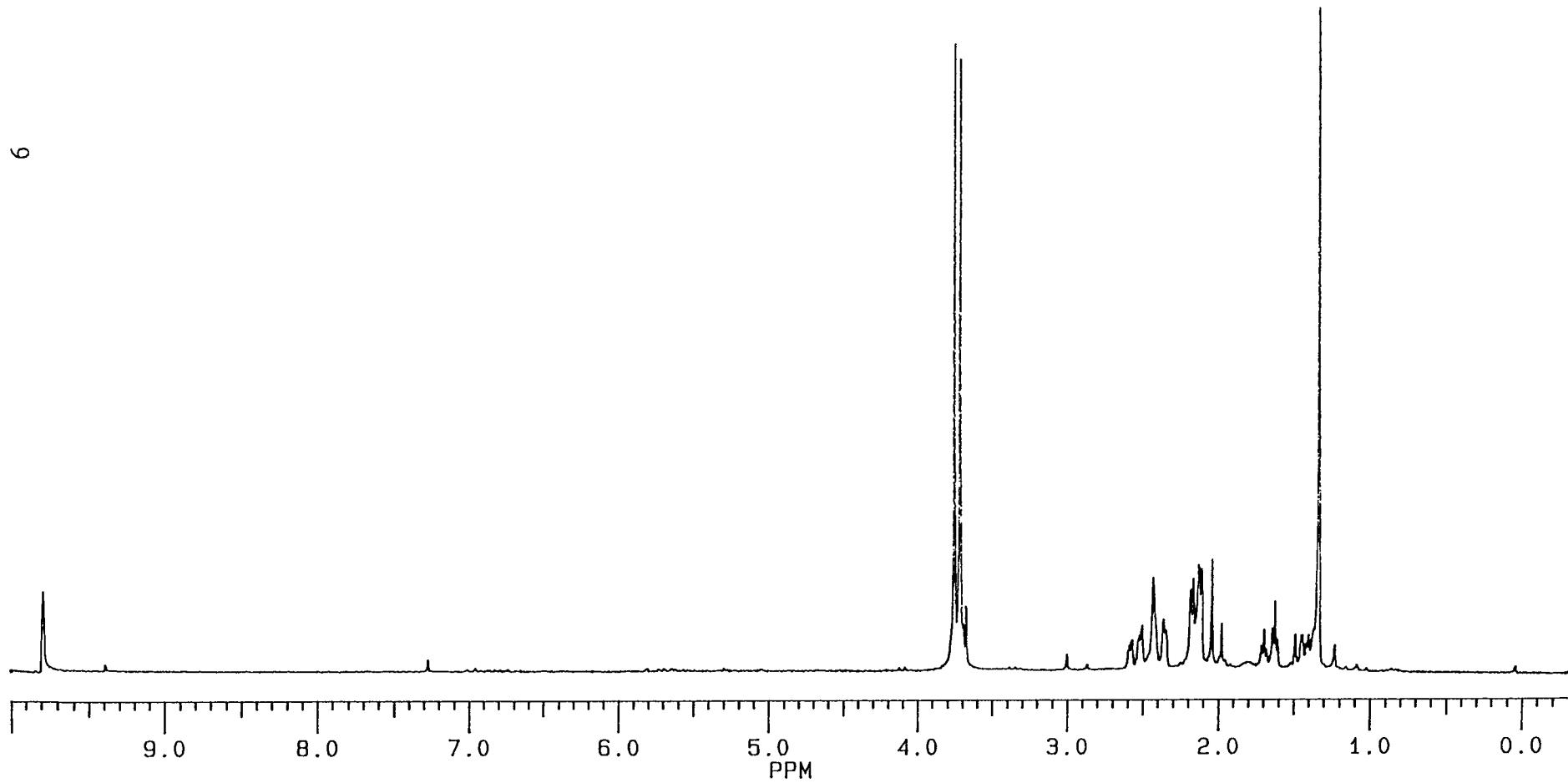
vby : 18123.02
ppmcm : 12.03
Hzcm : 605.62
Baseln1 : 100

*** Aspect 3000 Parameters ***

PARSET : 0x500002
PROGRAM : DisNMR
NM : 1101JMCC.111
OPERATOR :
ASIZE : 8192
GLOBEX : 0
SWPCOM : 521
TDSIZE : 8192
DWELL : 43.00 usec
FWID1H : 1460.0 Hz
VDLLAY : 0
DSCANS : 0
SPWID1H : 11627.91 Hz
AQMODE : 0
TEXP : 32
Q1 : 8604.09 Hz
Q2 : ~4000.00 Hz
PHOC : 0
PHOC : 0
TOEB : 0.000 Hz
NRPT : 0.000000
CRDEI : 0
CPULSE : 4.000 usec
CDLAY : 56.300 usec
NS : 1
DRSTR : 12
DREND : 6
DRSET : 12
CSPDLT : 15
PLZFLG : 0
SPINC

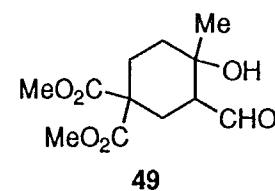


^1H NMR (200 MHz, CDCl_3)



PPM
204.489

171.039



¹³C NMR (50 MHz, CDCl₃)

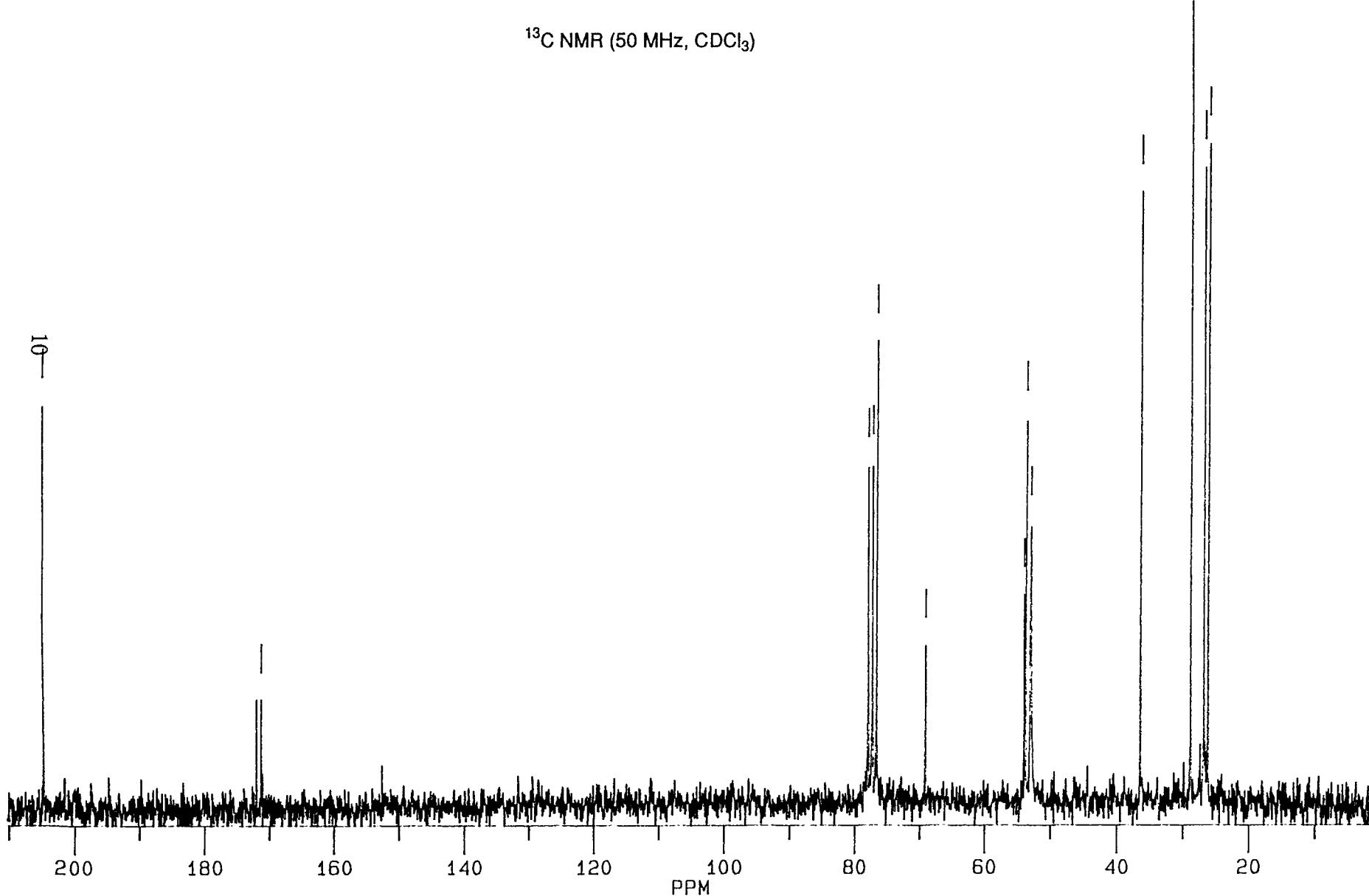
77.669
77.009
76.384

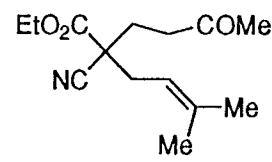
68.882

53.816
53.539
52.841

36.214

28.711
26.681
26.059





76

^1H NMR (200 MHz, CDCl_3)

II

