

Compound 2a

De Loos et al.

mlo84

/export/home/vnmr1/vnmrsvs/data/auto/tu/0301

Solvent: DMSO

Ambient temperature

Sample #3

File: 301

GEMINI-200BB "nmr200"

PULSE SEQUENCE: apt

Relax. delay 1.000 sec

1st pulse 180.0 degrees

2nd pulse 90.0 degrees

Acq. time 1.498 sec

Width 12500.0 Hz

4200 repetitions

OBSERVE C13, 50.2814310 MHz

DECOUPLE H1, 199.9664622 MHz

Power 39 dB

on during acquisition

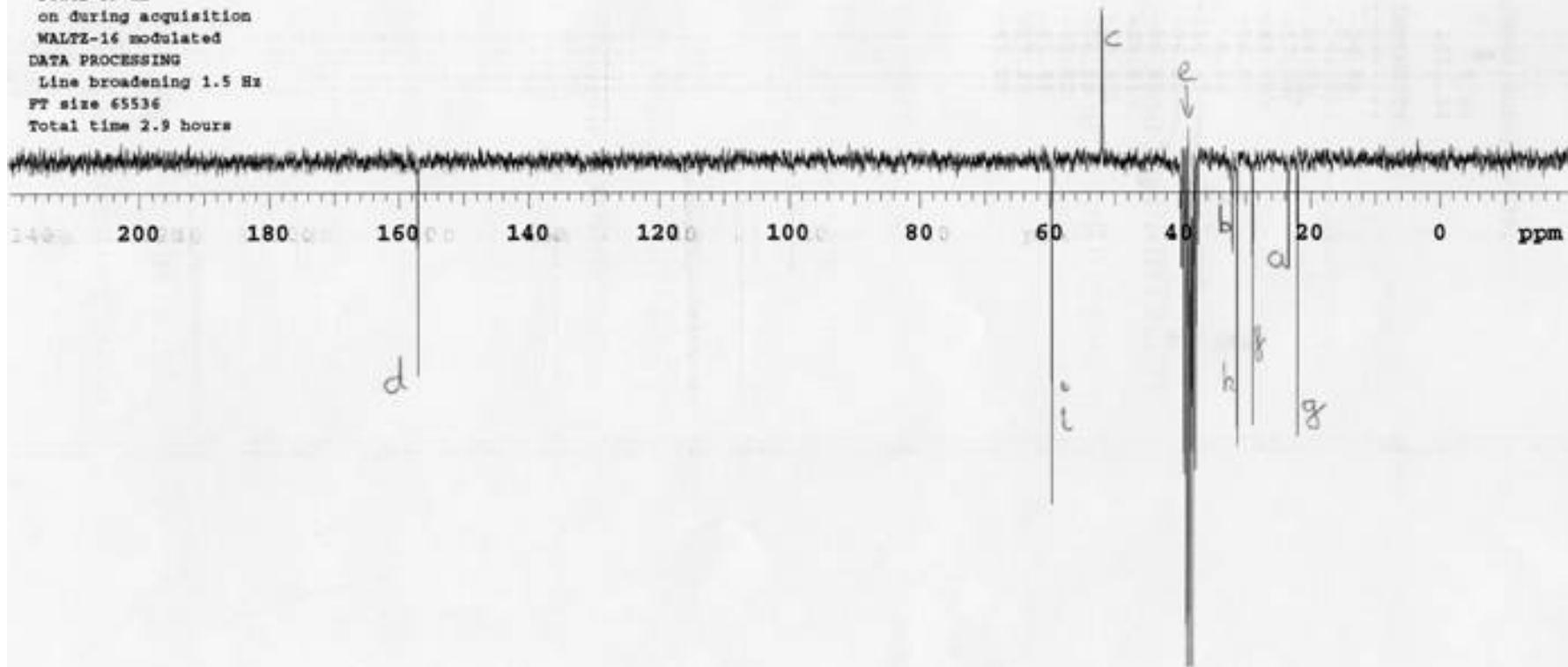
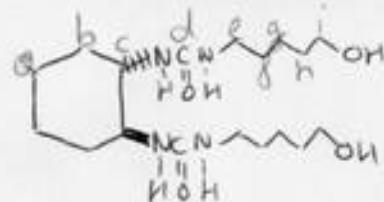
MALTZ-16 modulated

DATA PROCESSING

Line broadening 1.5 Hz

FT size 65536

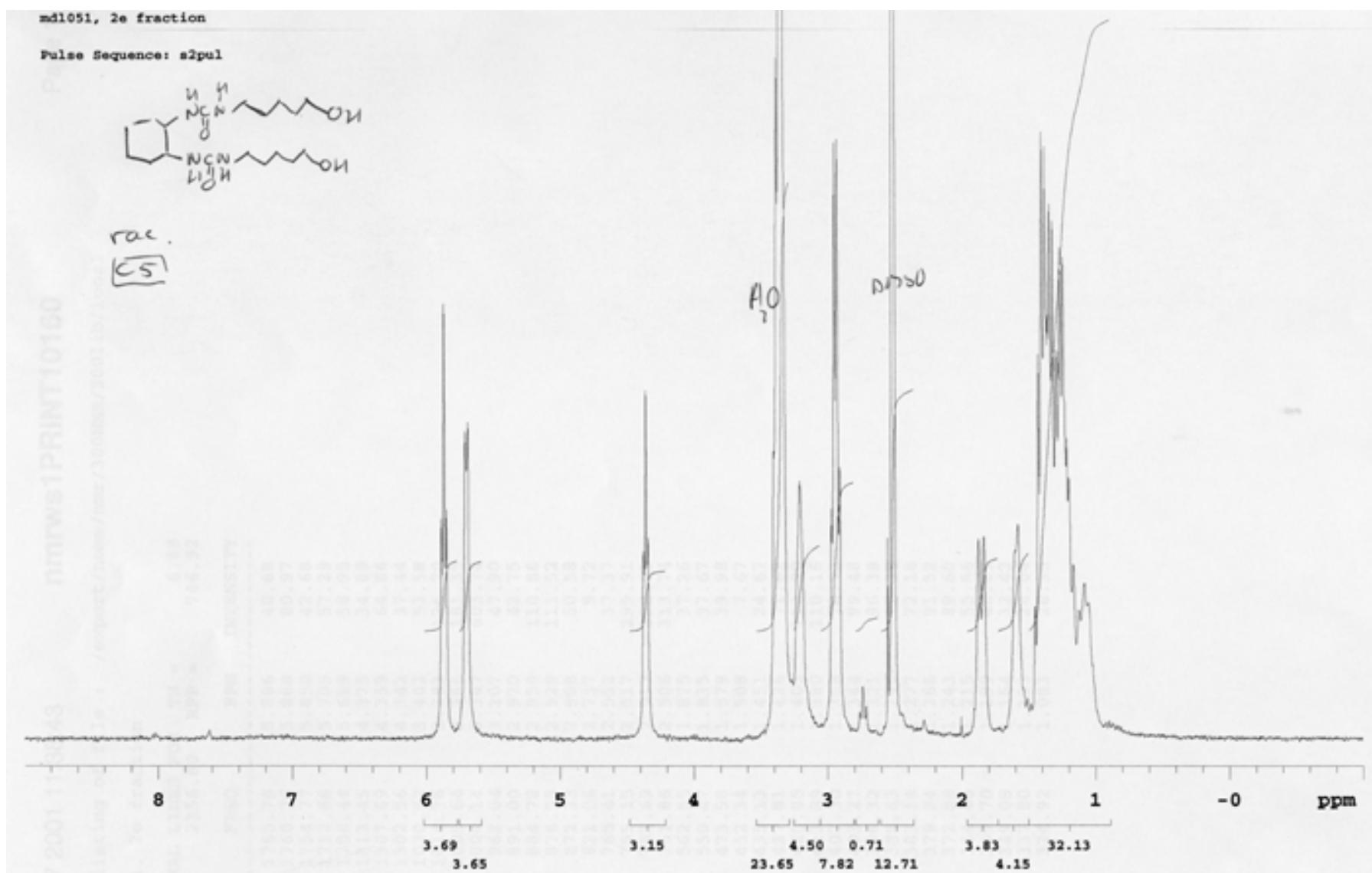
Total time 2.9 hours



Compound 2a

De Loos et al.

2



Compound 2b

De Loos et al. 3

m1051 (from ${}^2\text{H}$ fraction)

/export/home/vnmrsl1/vnmrslsys/data/auto/tu/0201

Solvent: DMSO

Ambient temperature

Sample #2

File: 201

GEMINI-200BB "nmr200"

PULSE SEQUENCE: apt

Relax. delay 1.000 sec

1st pulse 180.0 degrees

2nd pulse 90.0 degrees

Acq. time 1.498 sec

Width 12500.0 Hz

5000 repetitions

OBSERVE C13, 50.2814310 MHz

DECOUPLE H1, 199.9664622 MHz

Power 39 dB

on during acquisition

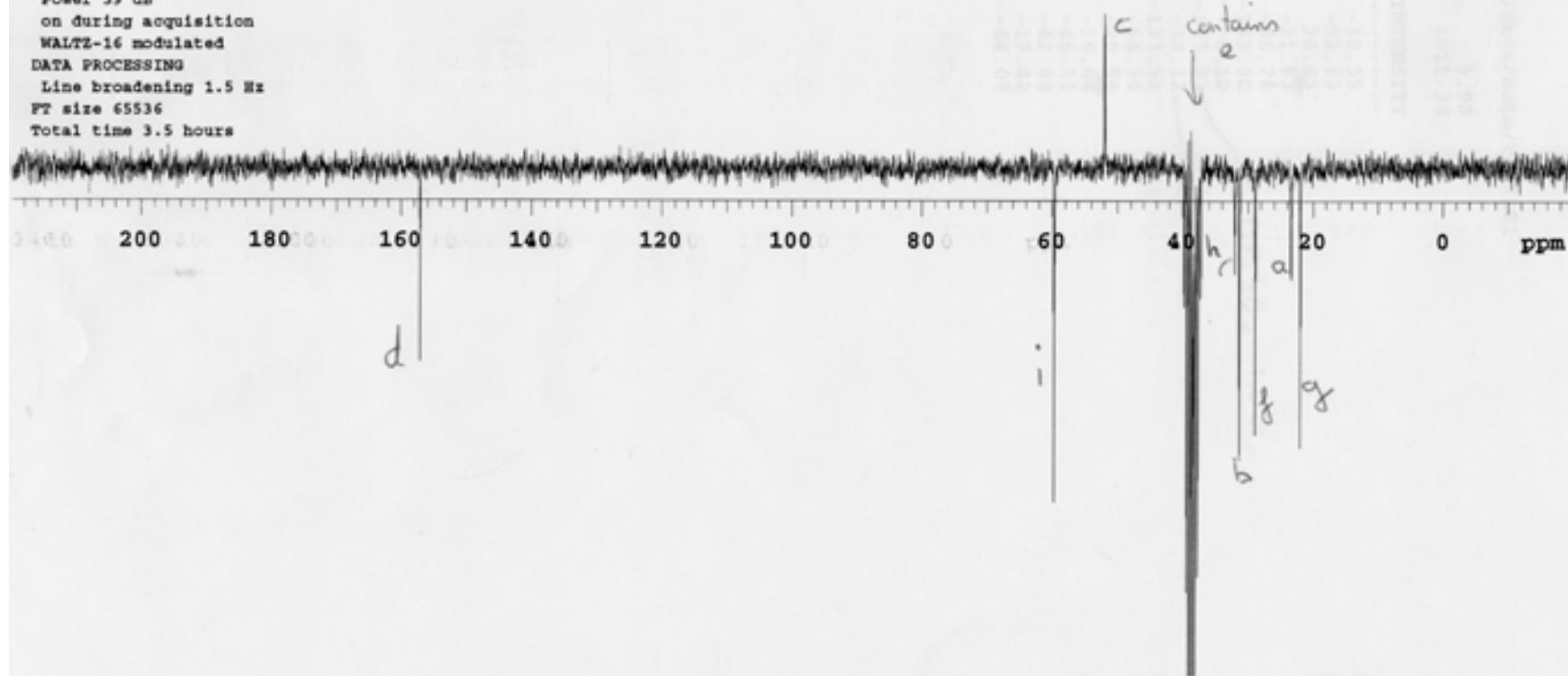
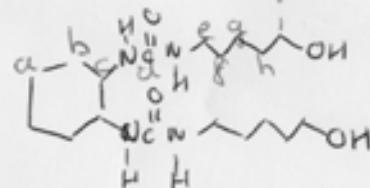
WALTZ-16 modulated

DATA PROCESSING

Line broadening 1.5 Hz

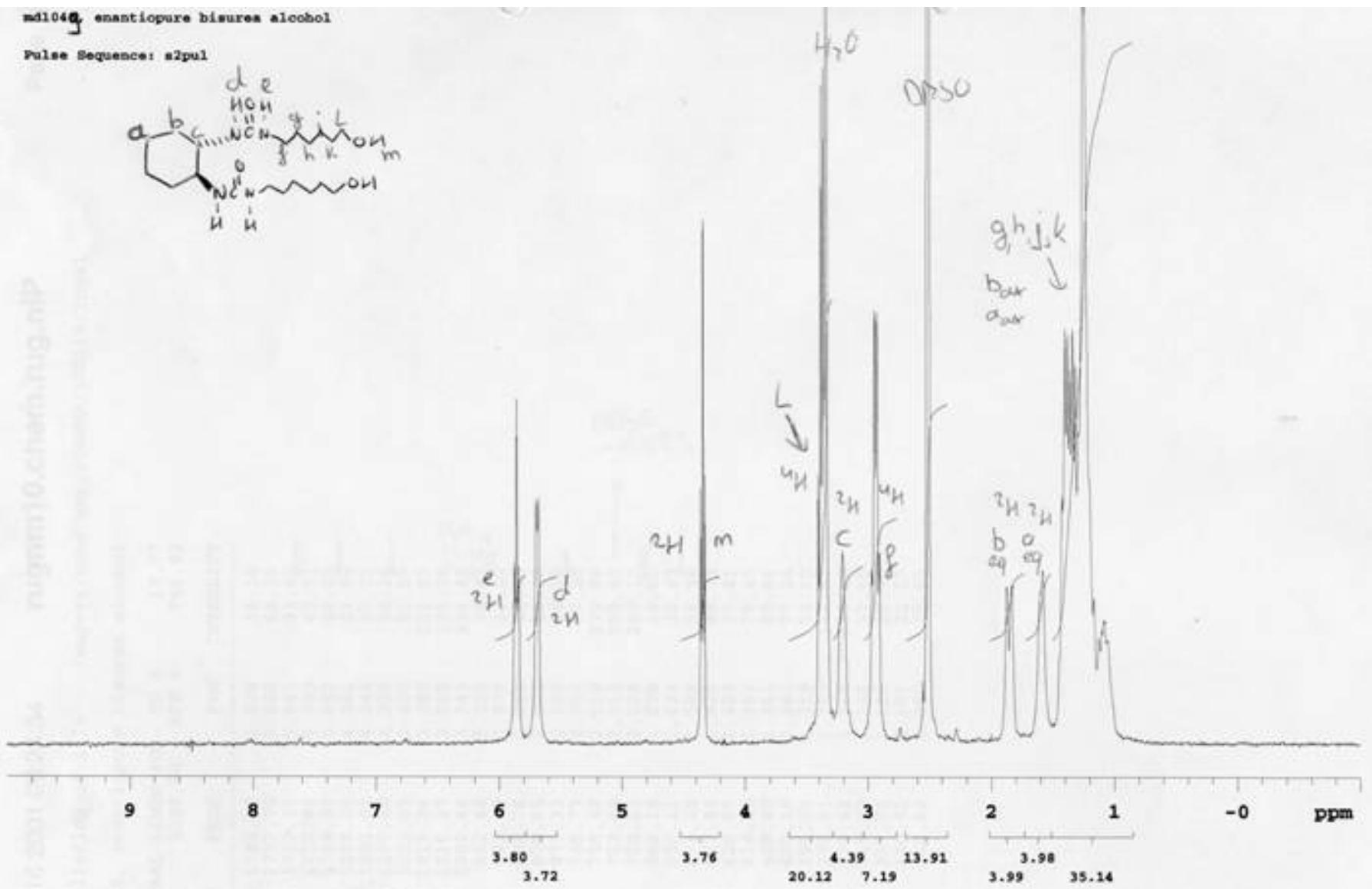
FT size 65536

Total time 3.5 hours



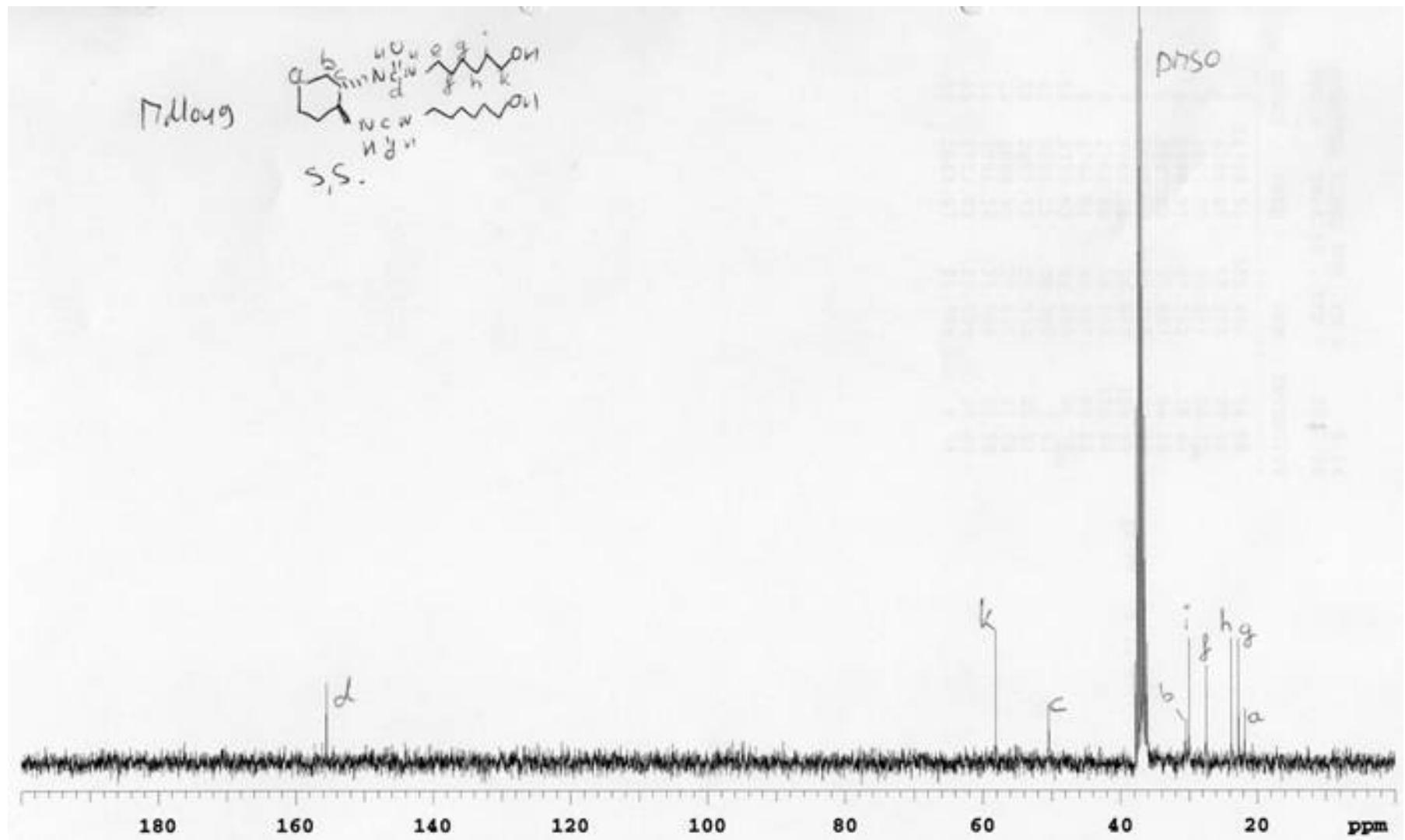
Compound 2b

De Loos et al.



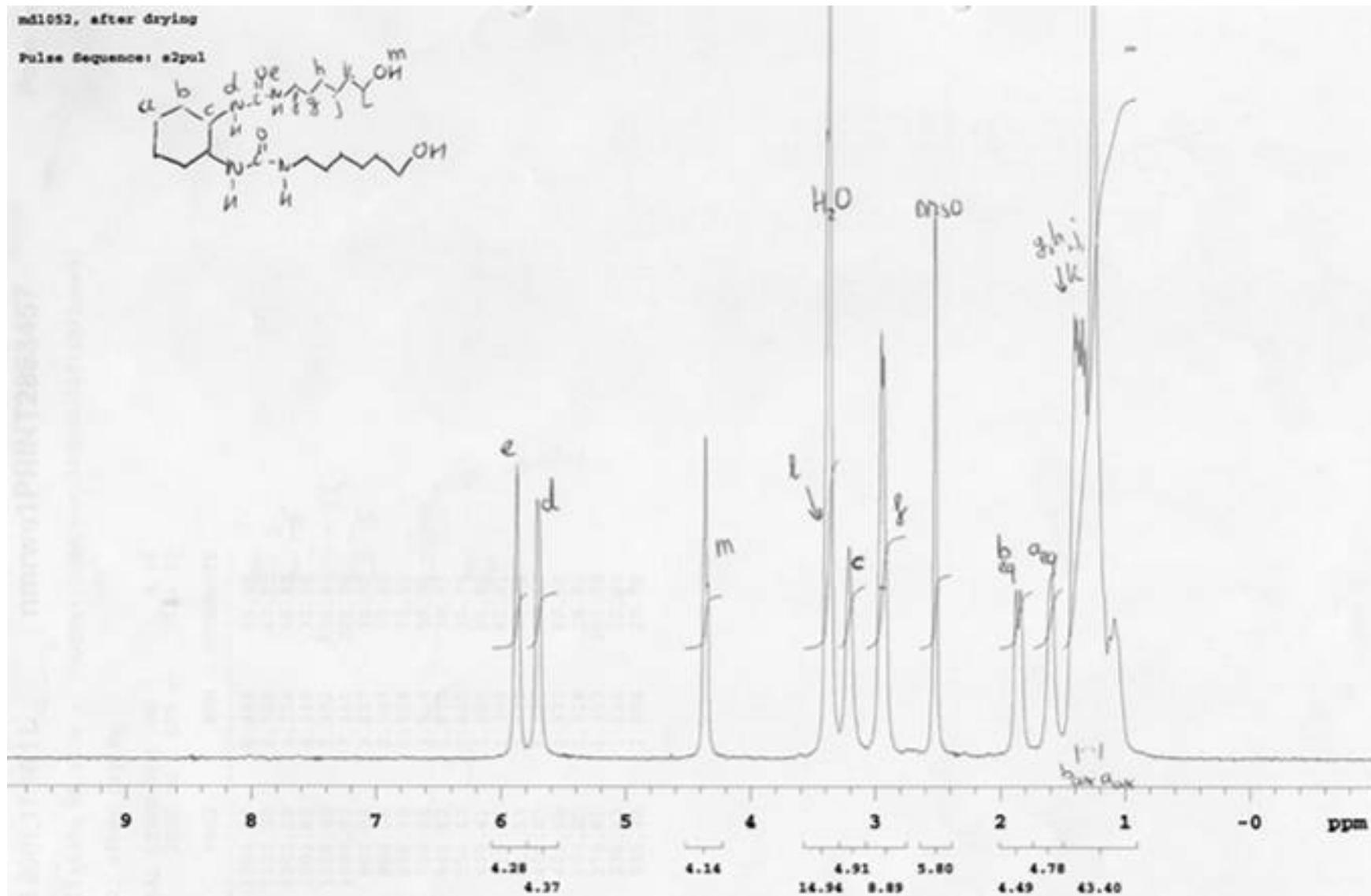
Compound 3a

De Loos et al. 5



Compound 3a

De Loos et al. 6



Compound 3b

De Loos et al.

Loos ML052

/export/home/vnmr1/vnmrsvs/data/auto/we/1401

Solvent: DMSO

Ambient temperature

Sample #14

File: 1401

GEMINI-200BB *nmr200*

PULSE SEQUENCE: apt

Relax. delay 1.000 sec

1st pulse 180.0 degrees

2nd pulse 90.0 degrees

Acq. time 1.498 sec

Width 12500.0 Hz

1400 repetitions

OBSERVE: C13, 50.2814310 MHz

DECOUPLE: H1, 199.9664622 MHz

Power 39 dB

on during acquisition

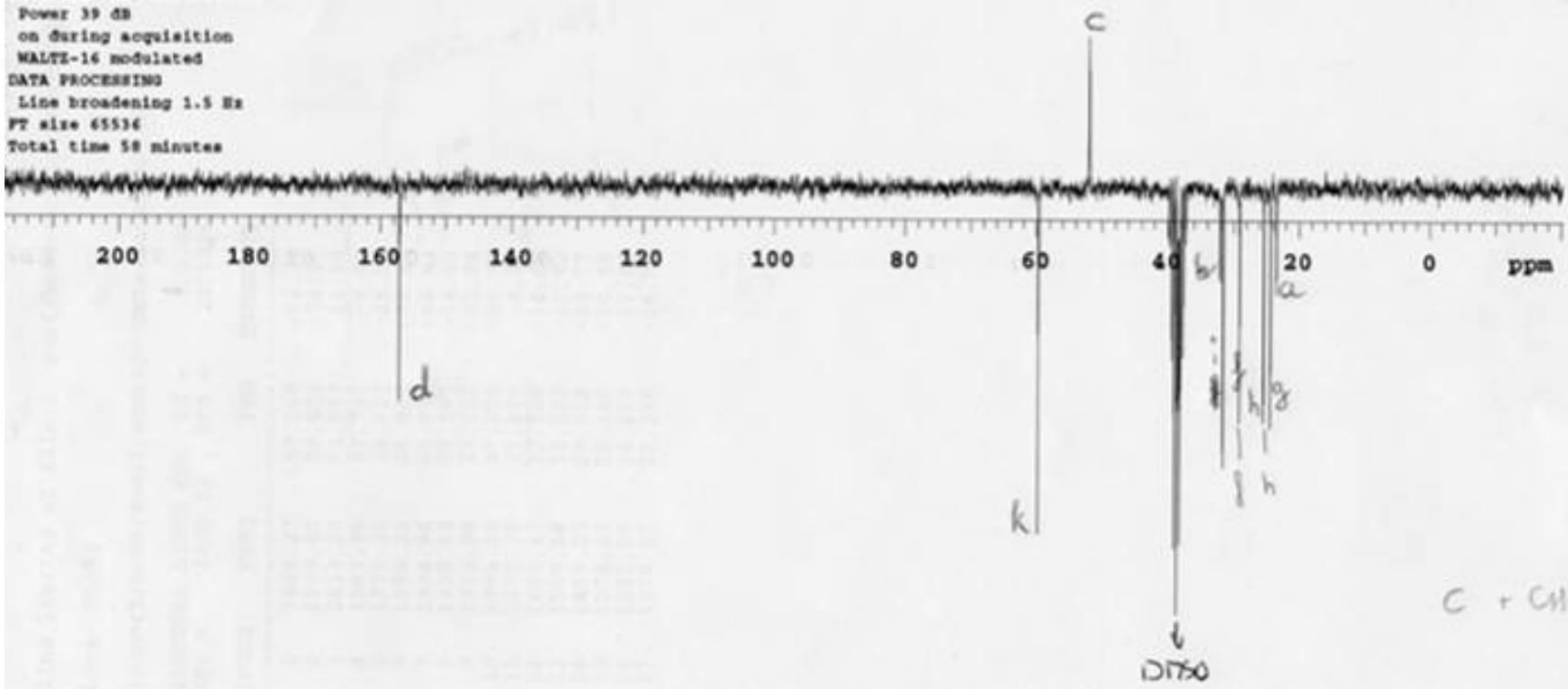
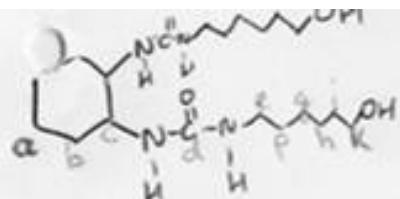
MULTI-16 modulated

DATA PROCESSING

Line broadening 1.5 Hz

FT size: 65536

Total time 58 minutes

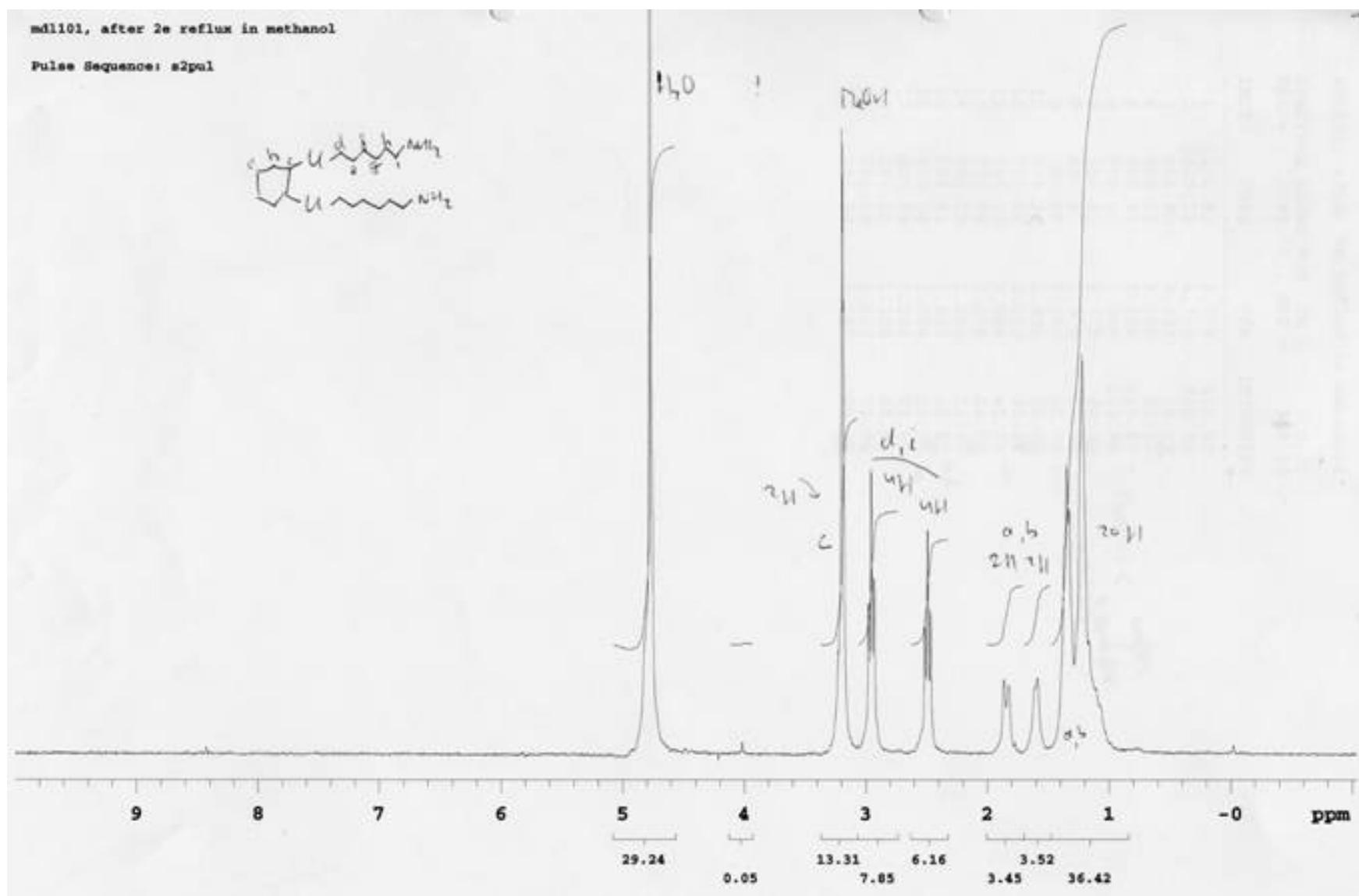
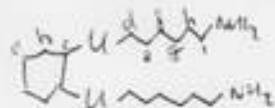


Compound 3b

De Loos et al.

md1101, after 2e reflux in methanol

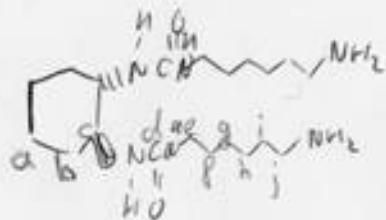
Pulse Sequence: s2pul



Compound 5a

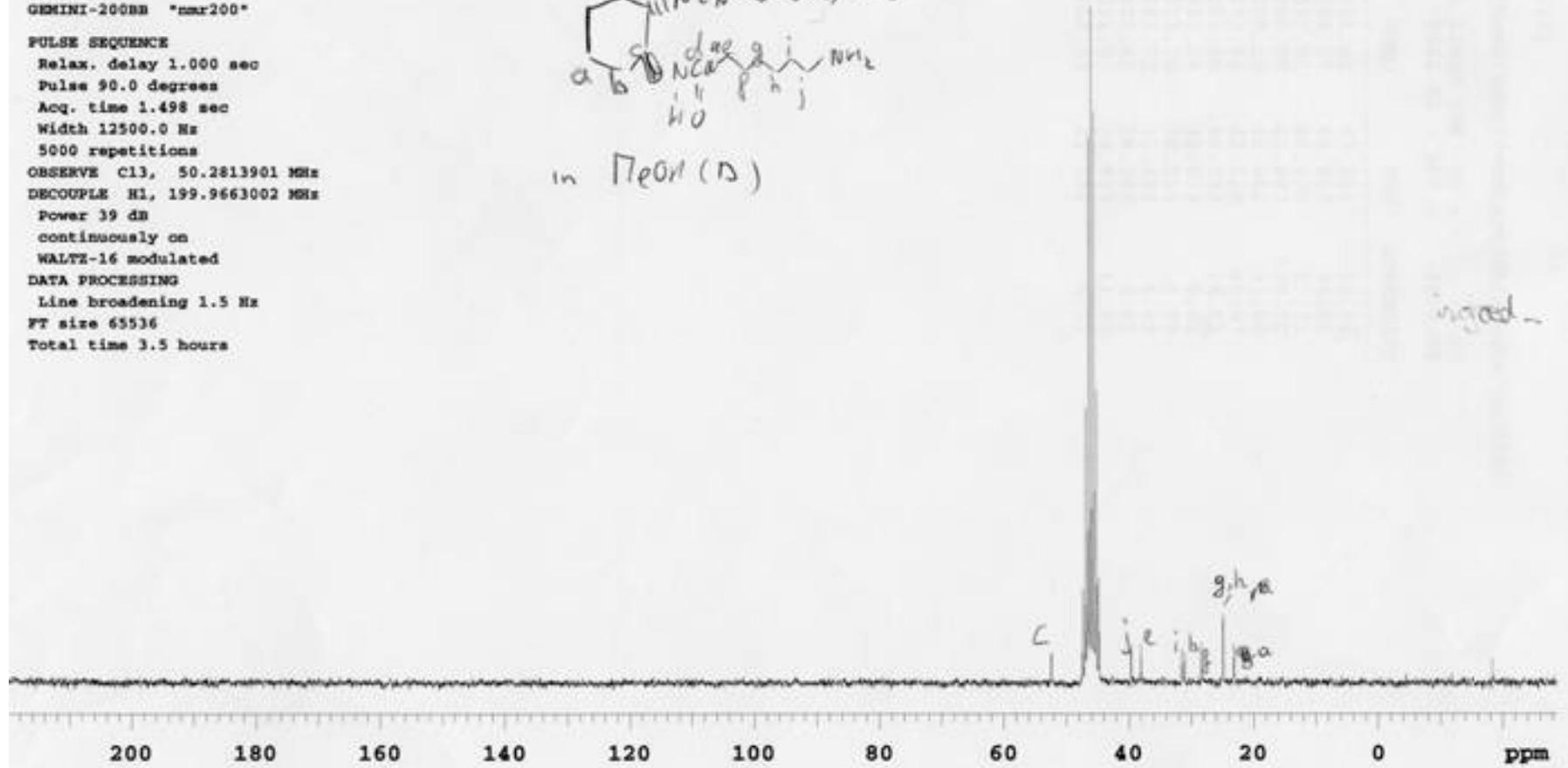
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loos ml101  
/export/home/vnmr1/vnmrsys/data/auto/mo/0501  
Solvent: CD3OD  
Ambient temperature  
Sample #5  
File: 501  
GEMINI-200BB "nmr200"  
PULSE SEQUENCE  
Relax. delay 1.000 sec  
Pulse 90.0 degrees  
Acq. time 1.498 sec  
Width 12500.0 Hz  
5000 repetitions  
OBSERVE C13, 50.2813901 MHz  
DECOUPLE H1, 199.9663002 MHz  
Power 39 dB  
continuously on  
WALTZ-16 modulated  
DATA PROCESSING  
Line broadening 1.5 Hz  
FT size 65536  
Total time 3.5 hours
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d: 156.4



in D_2O (D)

in CD_3OD

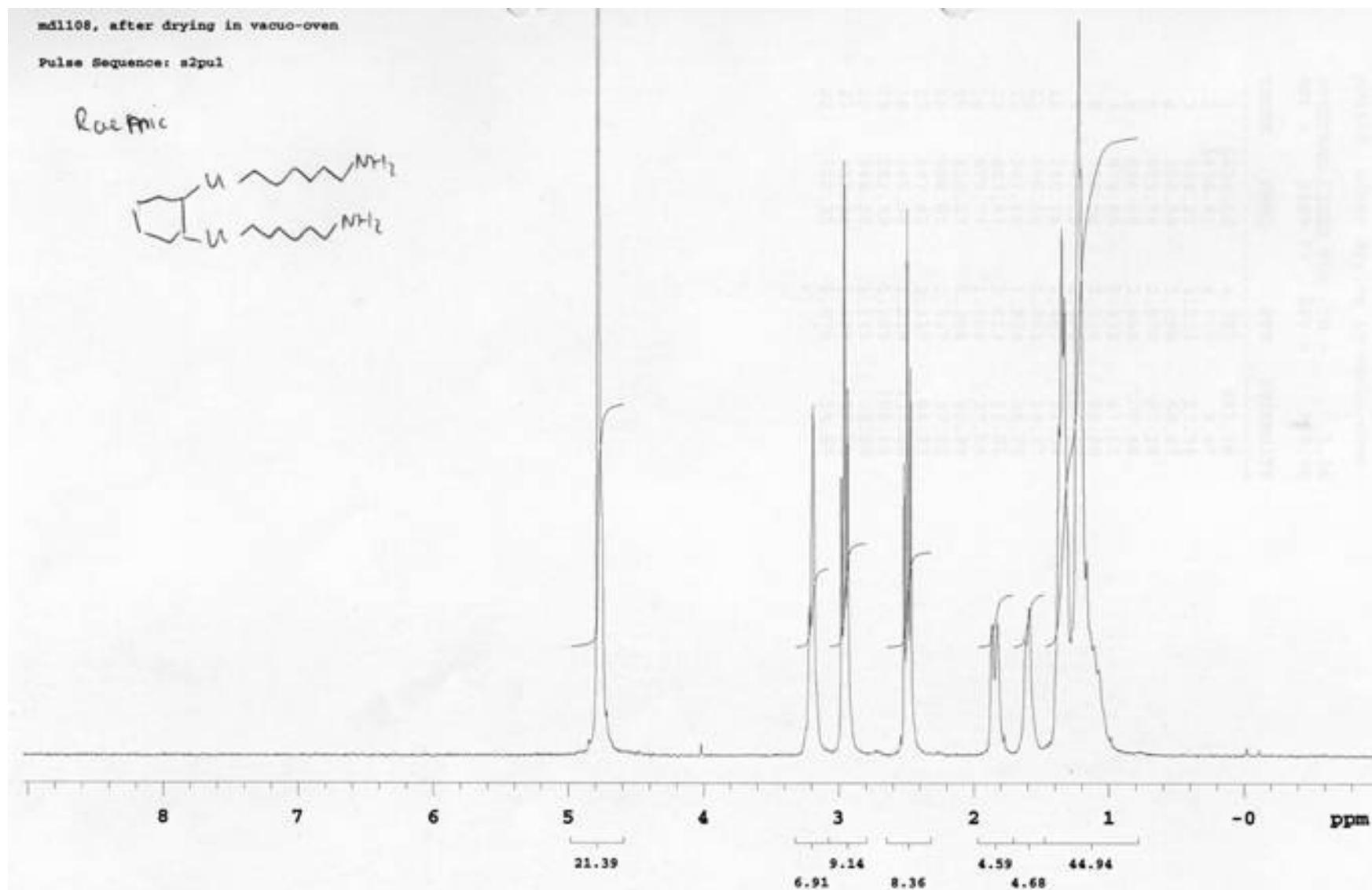
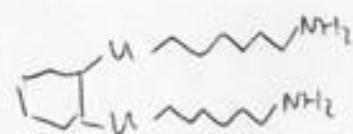


Compound 5a

md1108, after drying in vacuo-oven

Pulse Sequence: s2pul

RuePAc



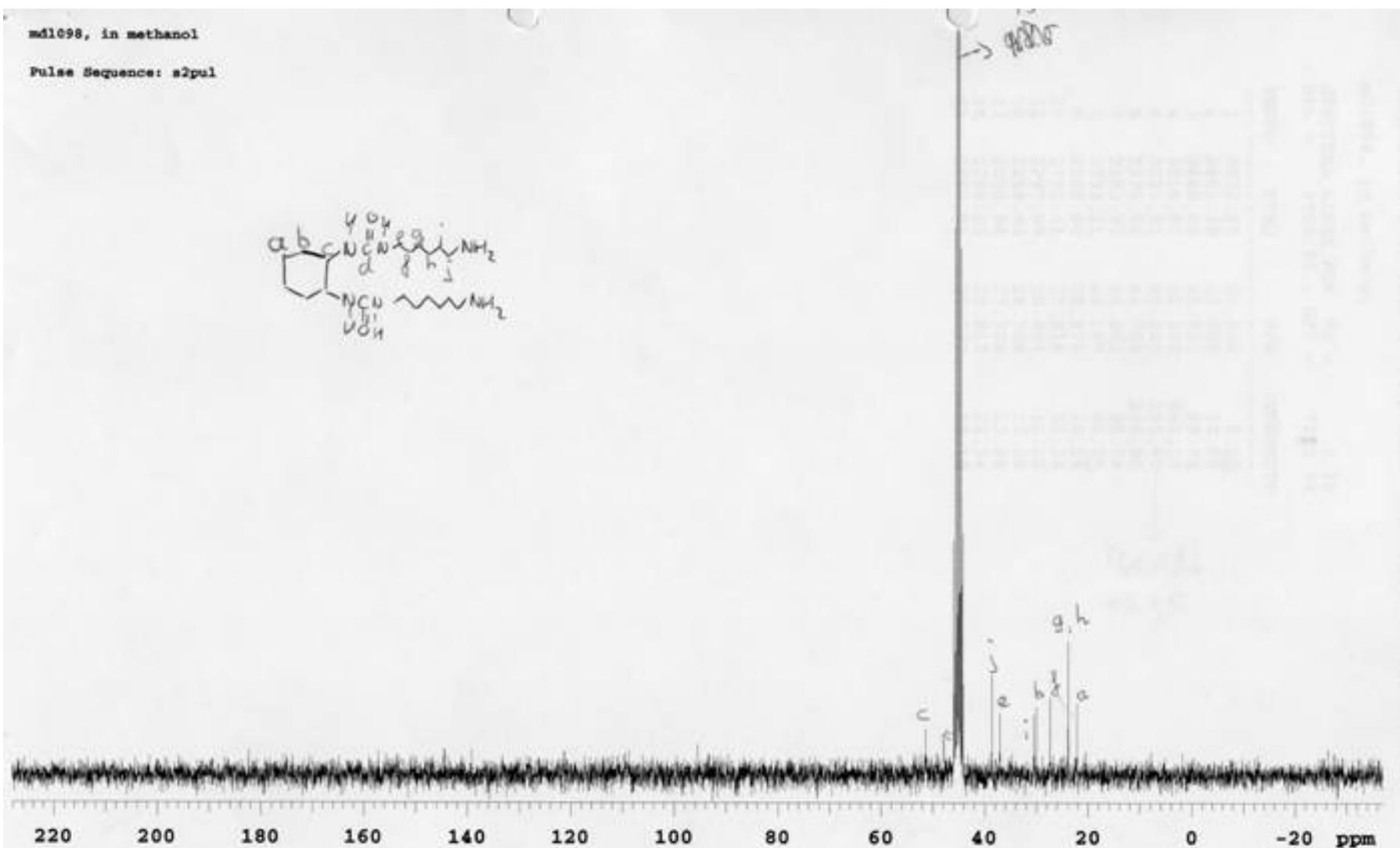
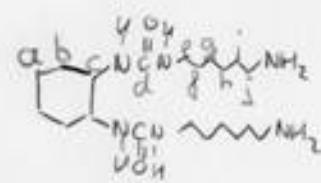
Compound 5b

De Loos et al.

11

mdl098, in methanol

Pulse Sequence: s2pul



Compound 5b