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Cyclohexane bis-urea compounds for the gelation of water and aqueous solutions

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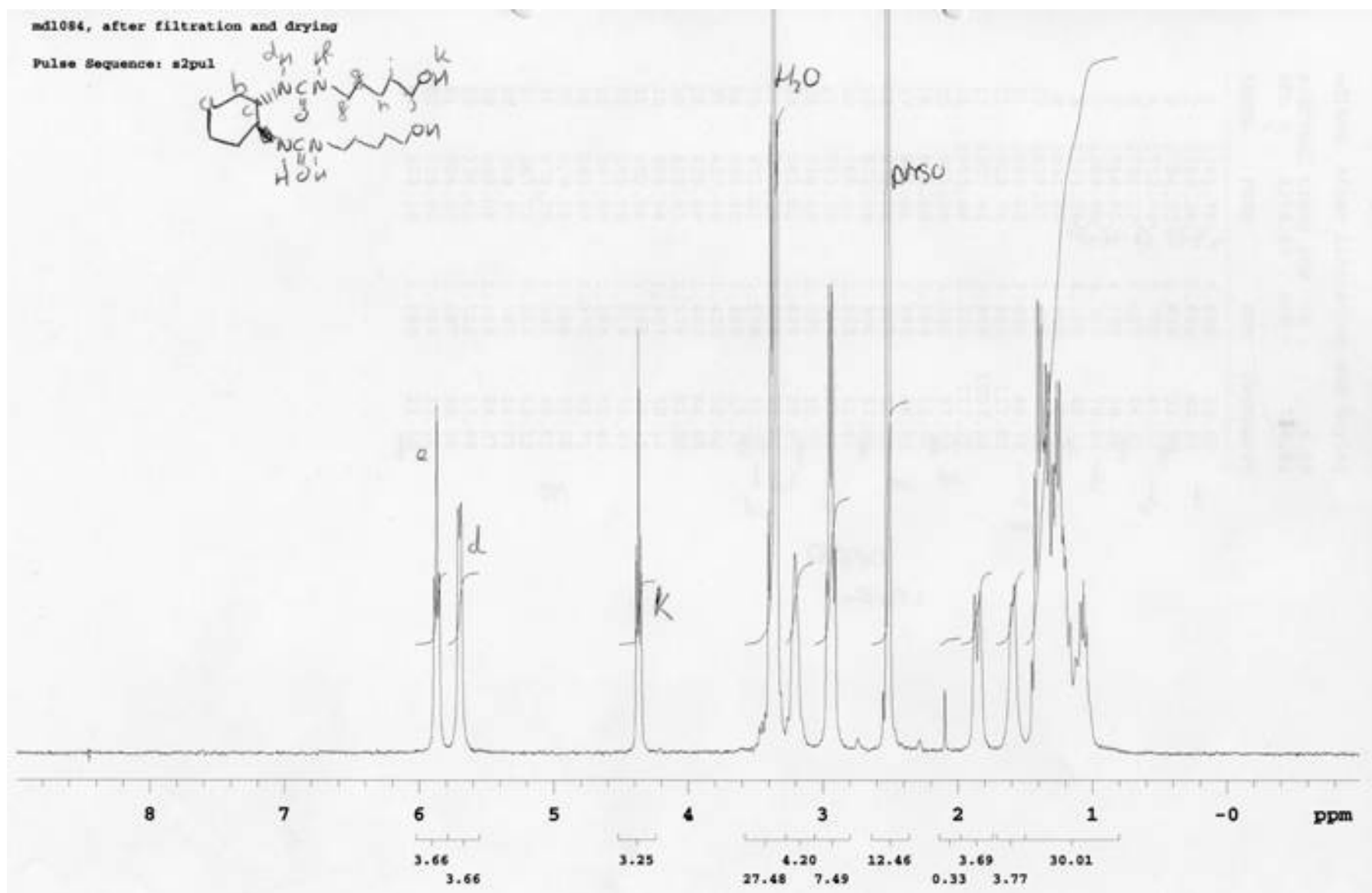
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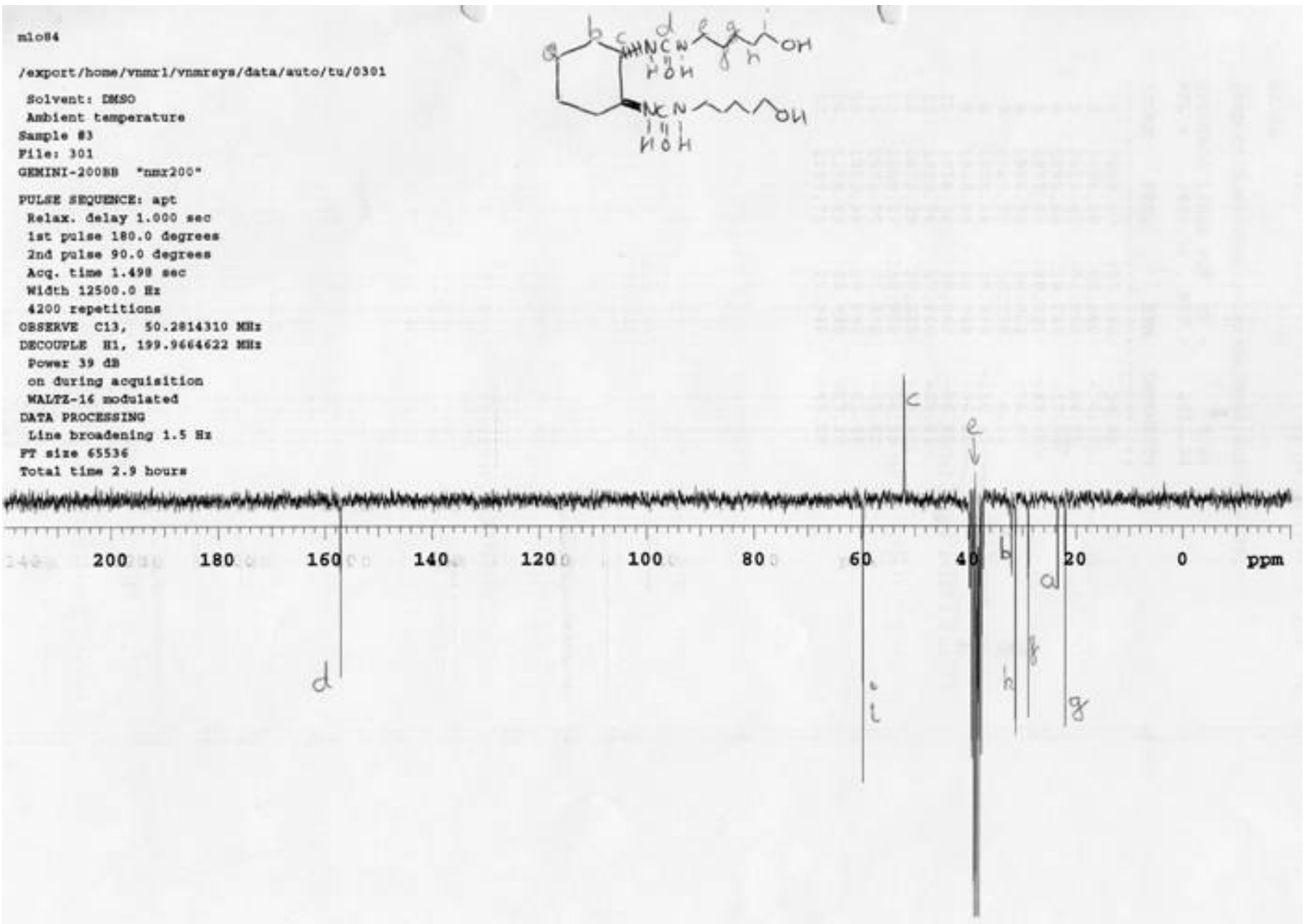
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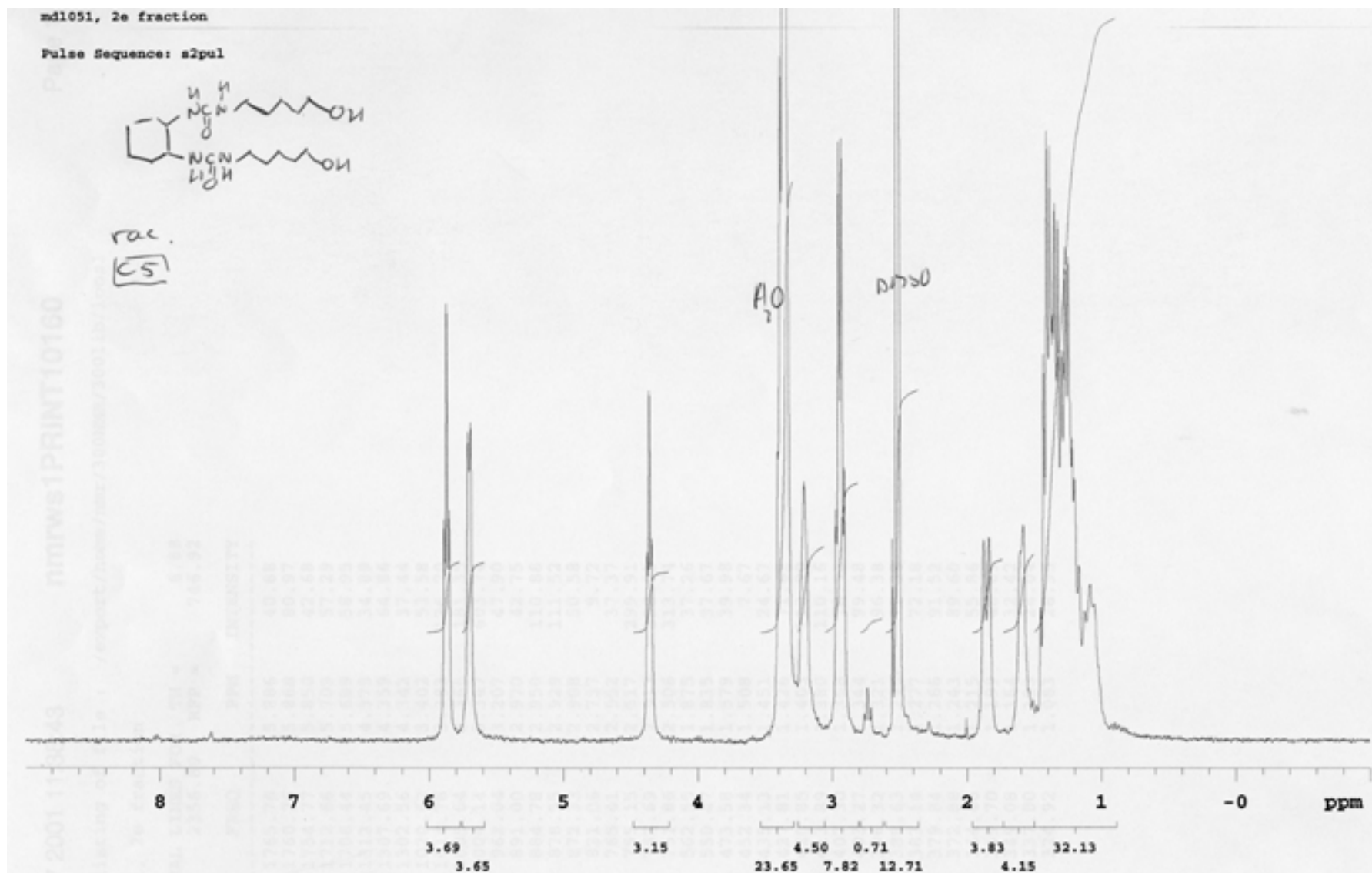
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Compound 2a

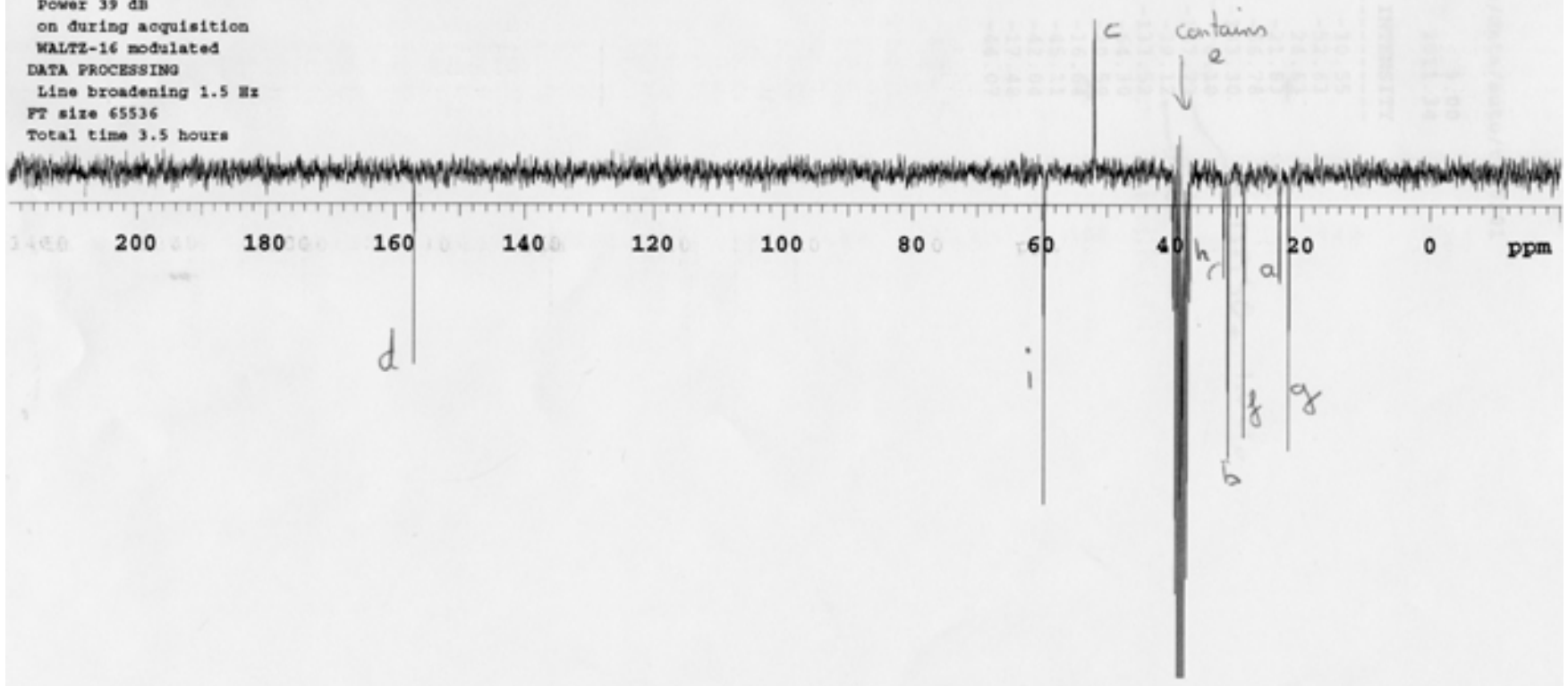
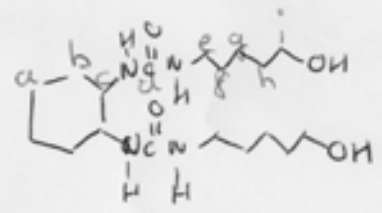


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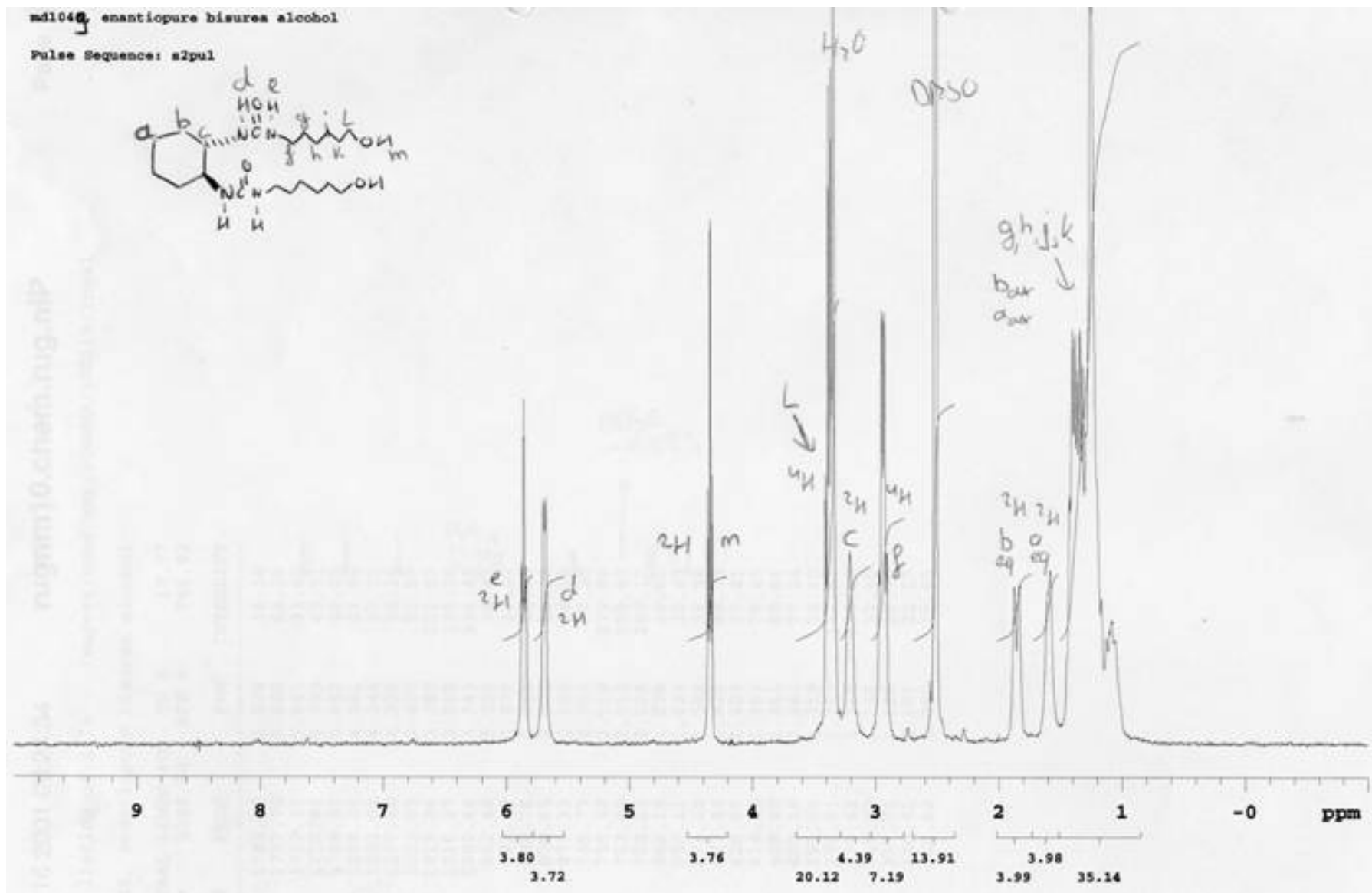


Compound 2b

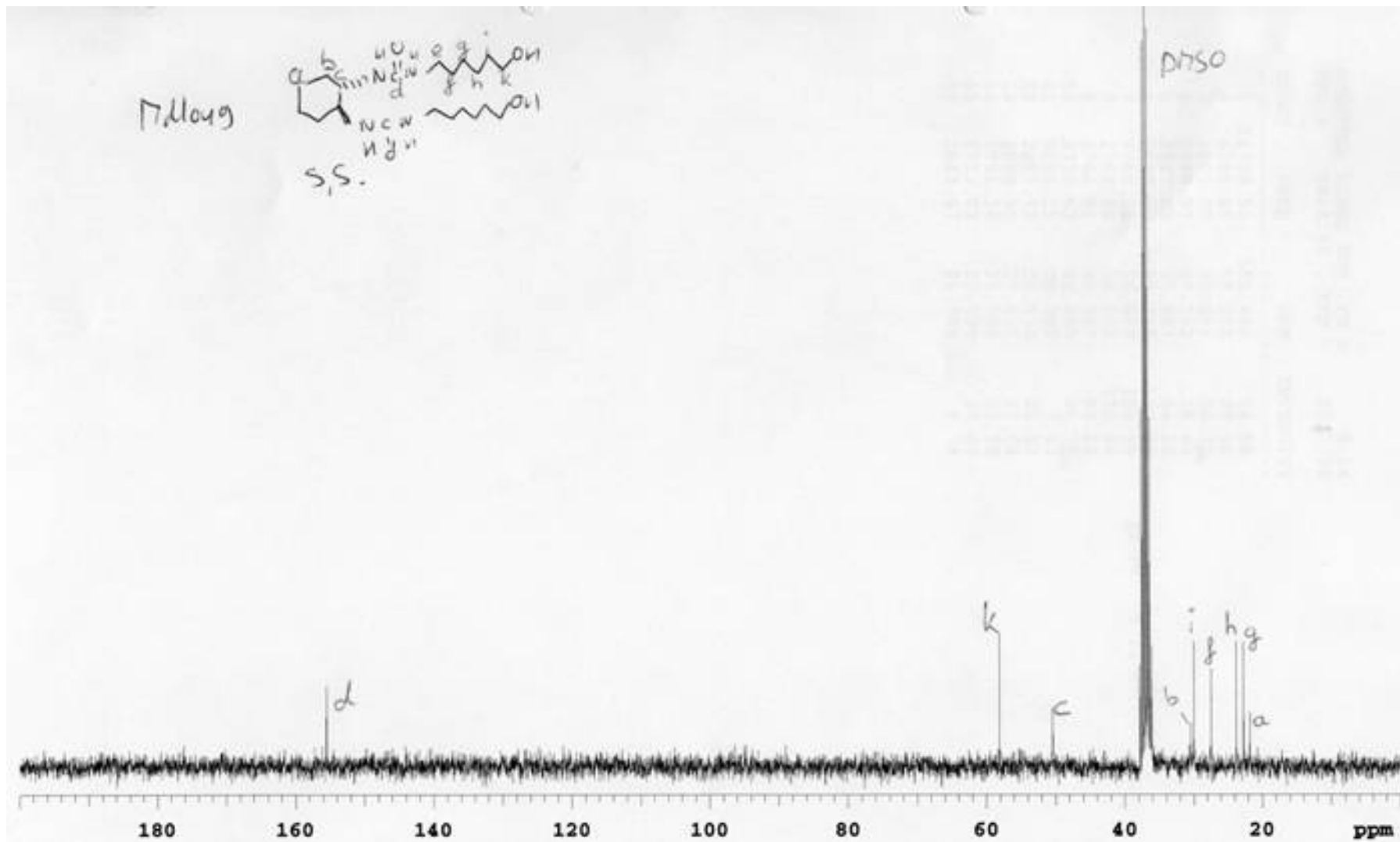
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 Solvent: DMSO
 Ambient temperature
 Sample #2
 File: 201
 GEMINI-200BB "nmr200"
 PULSE SEQUENCE: apt
 Relax. delay 1.000 sec
 1st pulse 180.0 degrees
 2nd pulse 90.0 degrees
 Acq. time 1.498 sec
 Width 12500.0 Hz
 5000 repetitions
 OBSERVE C13, 50.2814310 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



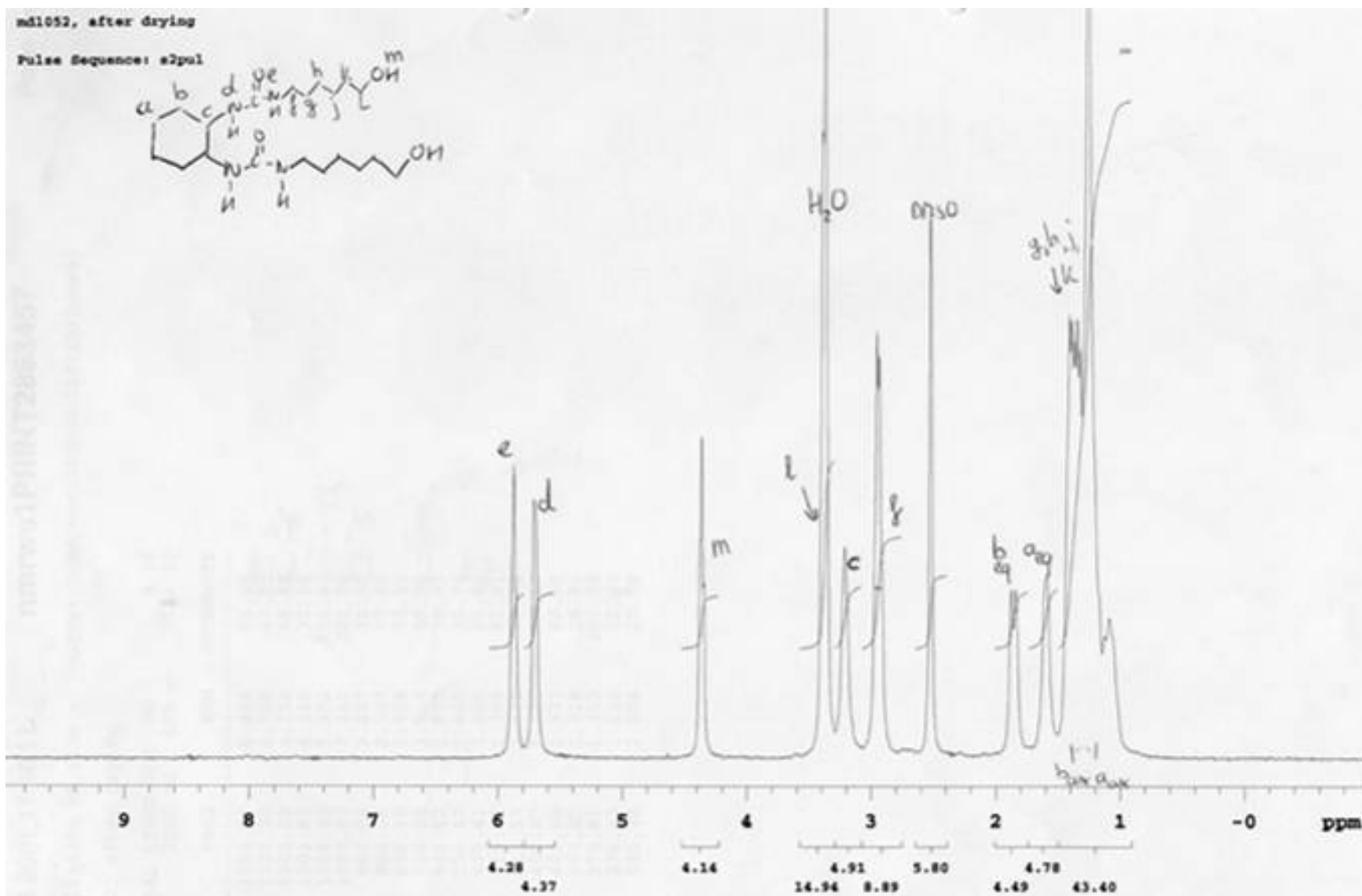
Compound 2b



Compound 3a



Compound 3a



Compound 3b

Loos NL052

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Solvent: DMSO

Ambient temperature

Sample #14

File: 1401

GEMINI-200HS "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, 199.9464622 MHz

Power 39 dB

on during acquisition

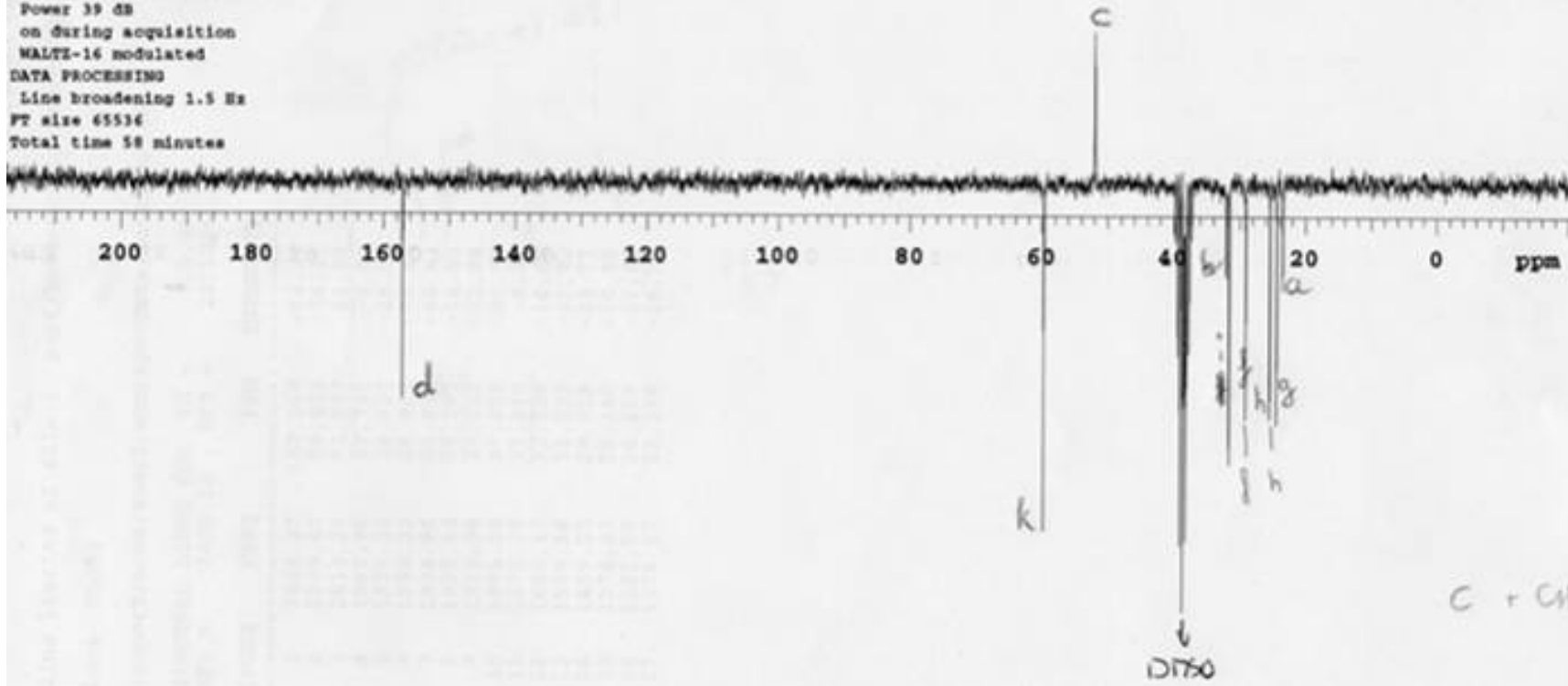
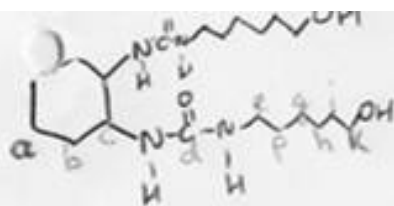
WALTZ-16 modulated

DATA PROCESSING

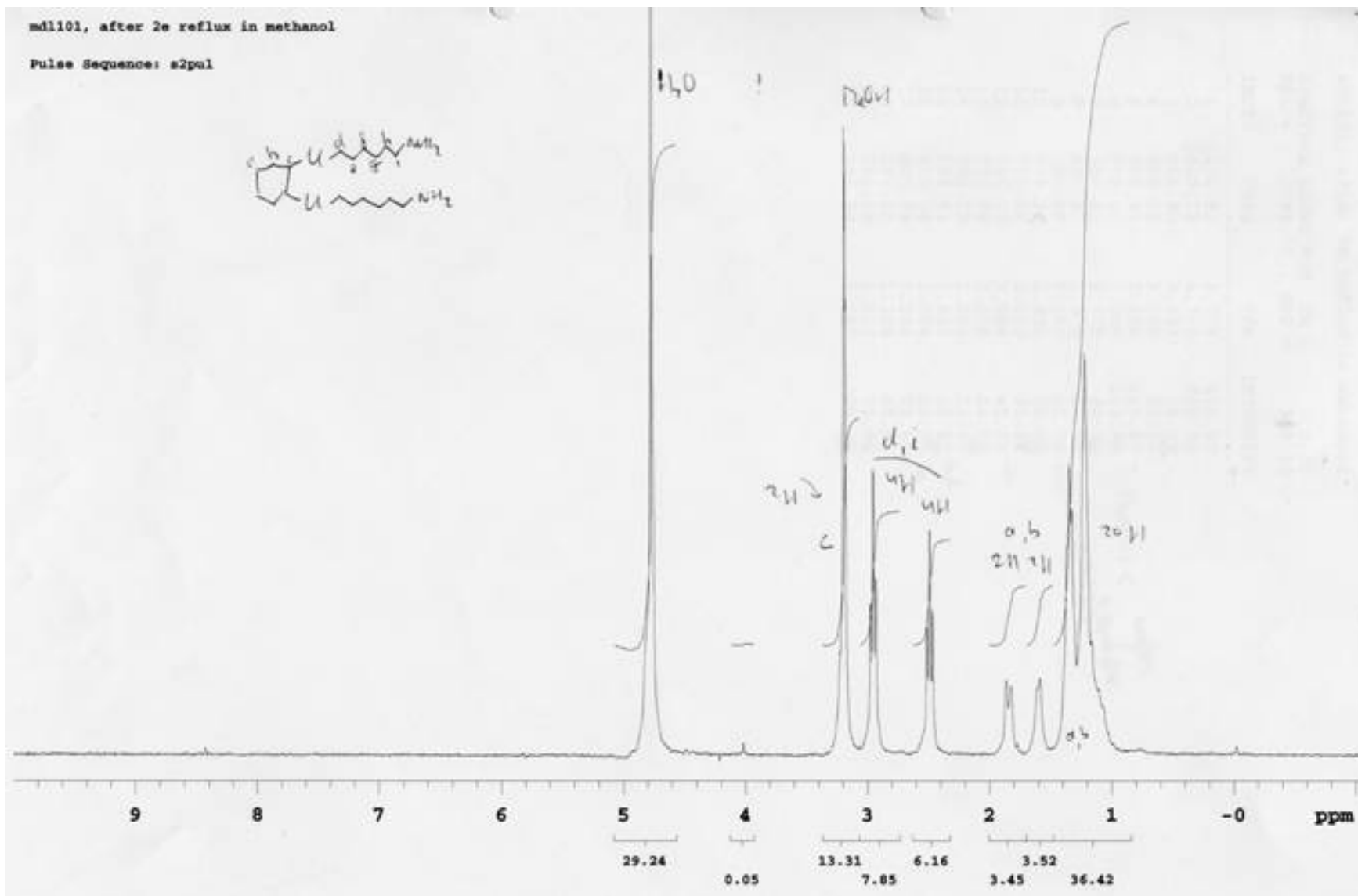
Line broadening 1.5 Hz

FT size 65536

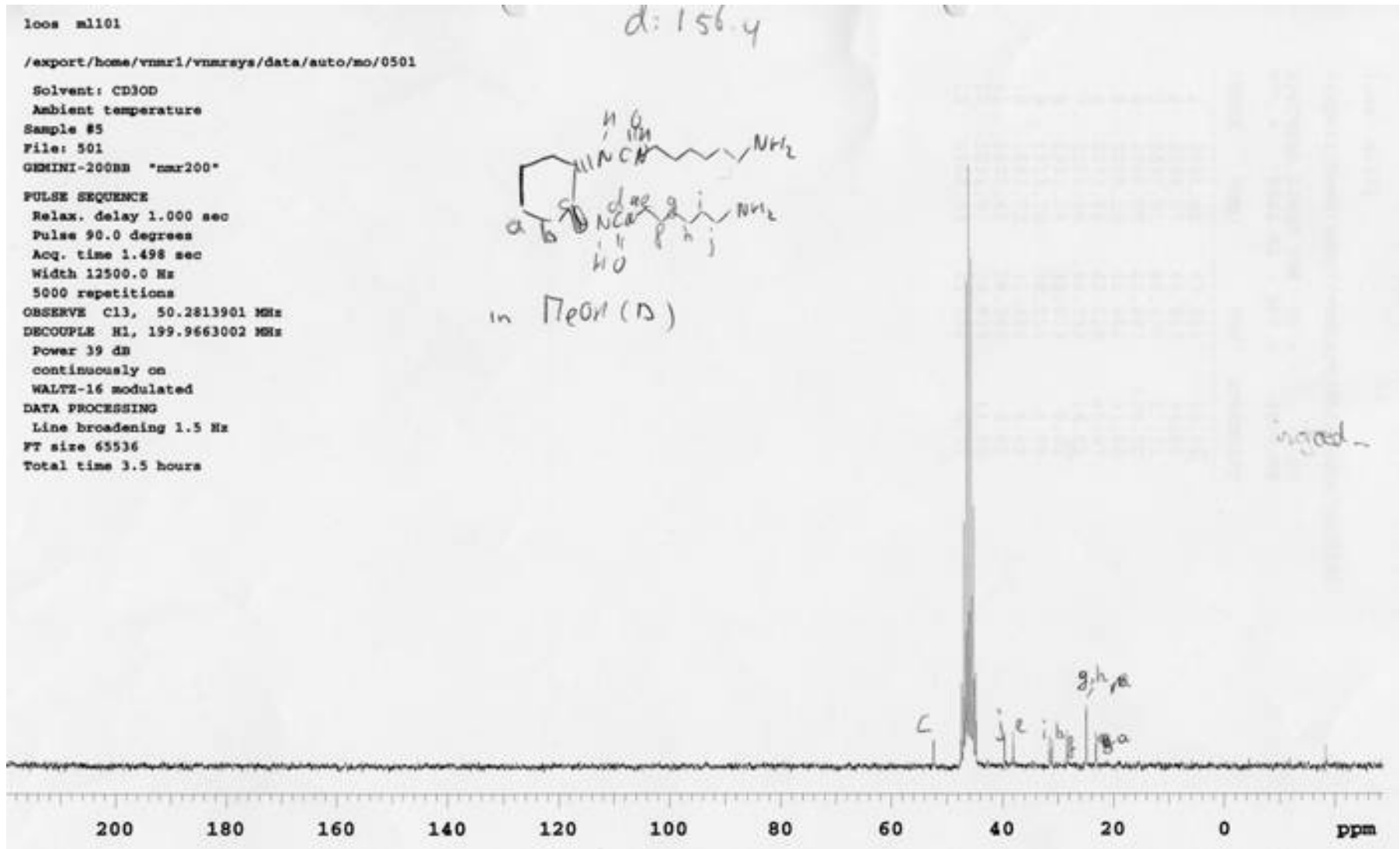
Total time 58 minutes



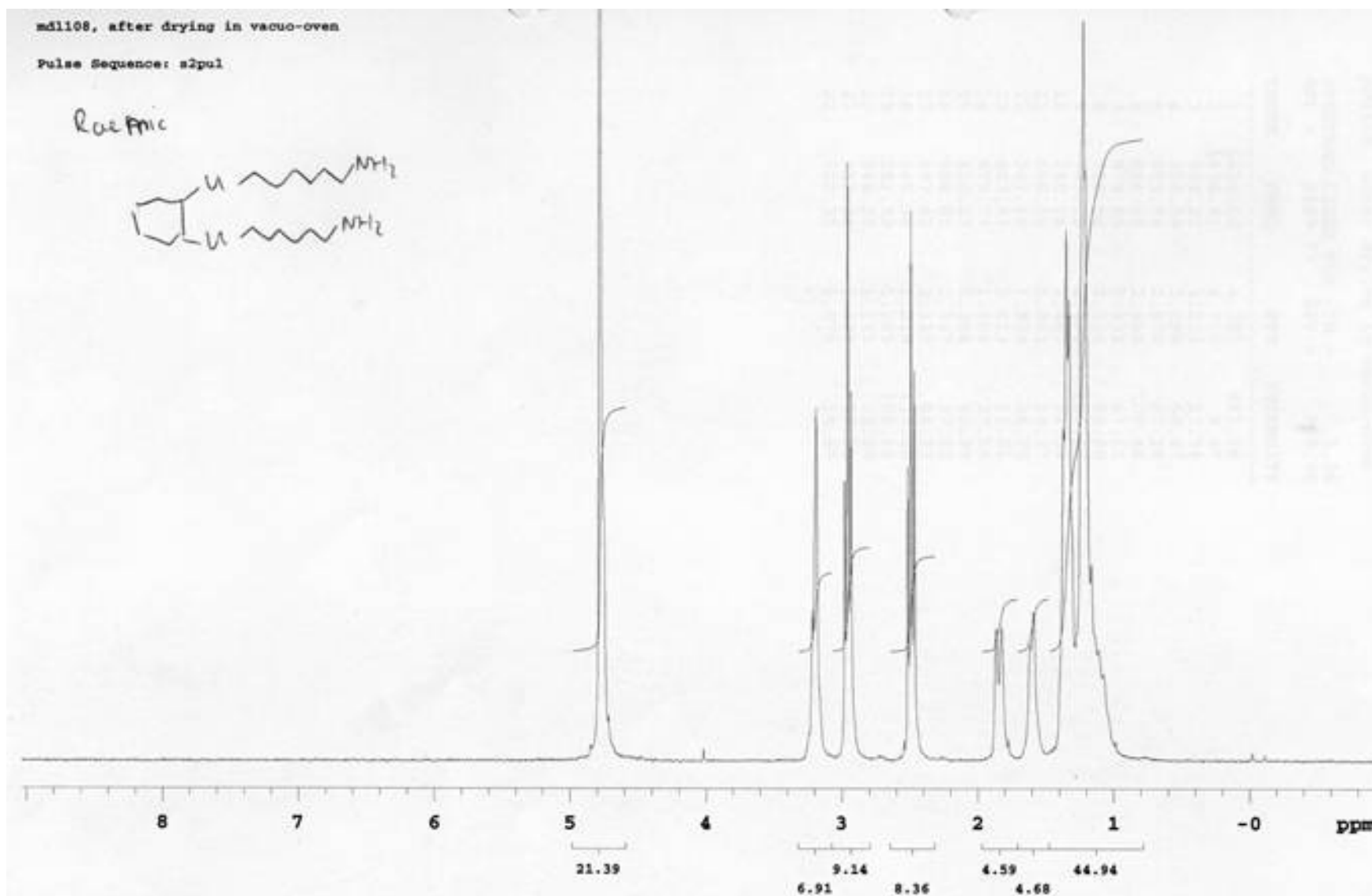
Compound 3b



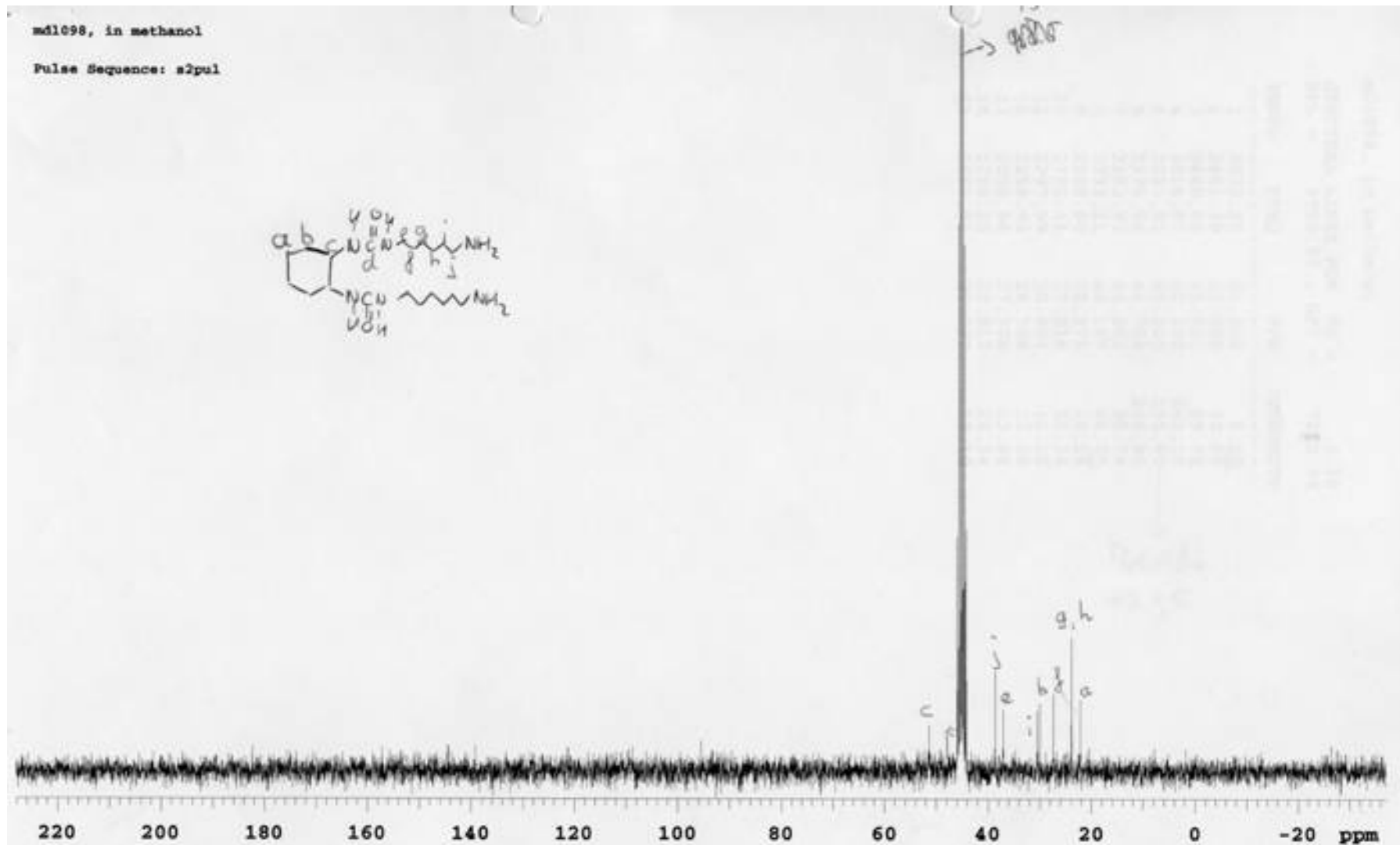
Compound 5a



Compound 5a



Compound 5b



Compound 5b