

## SUPPLEMENTAL MATERIALS

### ON REGIOSELECTIVITY OF ALDOL CONDENSATION OF AROMATIC ALDEHYDES WITH BORATE COMPLEX OF ACETYLACETONE

Val V. Martichonok,<sup>1</sup> Peter K. Chiang,<sup>1</sup> Padraick J. Dornbush,<sup>2</sup> Kirkwood M. Land<sup>2</sup>

<sup>1</sup> Pharmadyn, Inc., Sunnyvale, CA 95085 USA

<sup>2</sup> Department of Biological Sciences, University of the Pacific, Stockton, CA 95211 USA

Address correspondence to Val V. Martichonok, Pharmadyn, Inc., 265 Sobrante Way, Suite T, Sunnyvale, CA 94086, USA. E-mail: [valm@pharmadyn.com](mailto:valm@pharmadyn.com)

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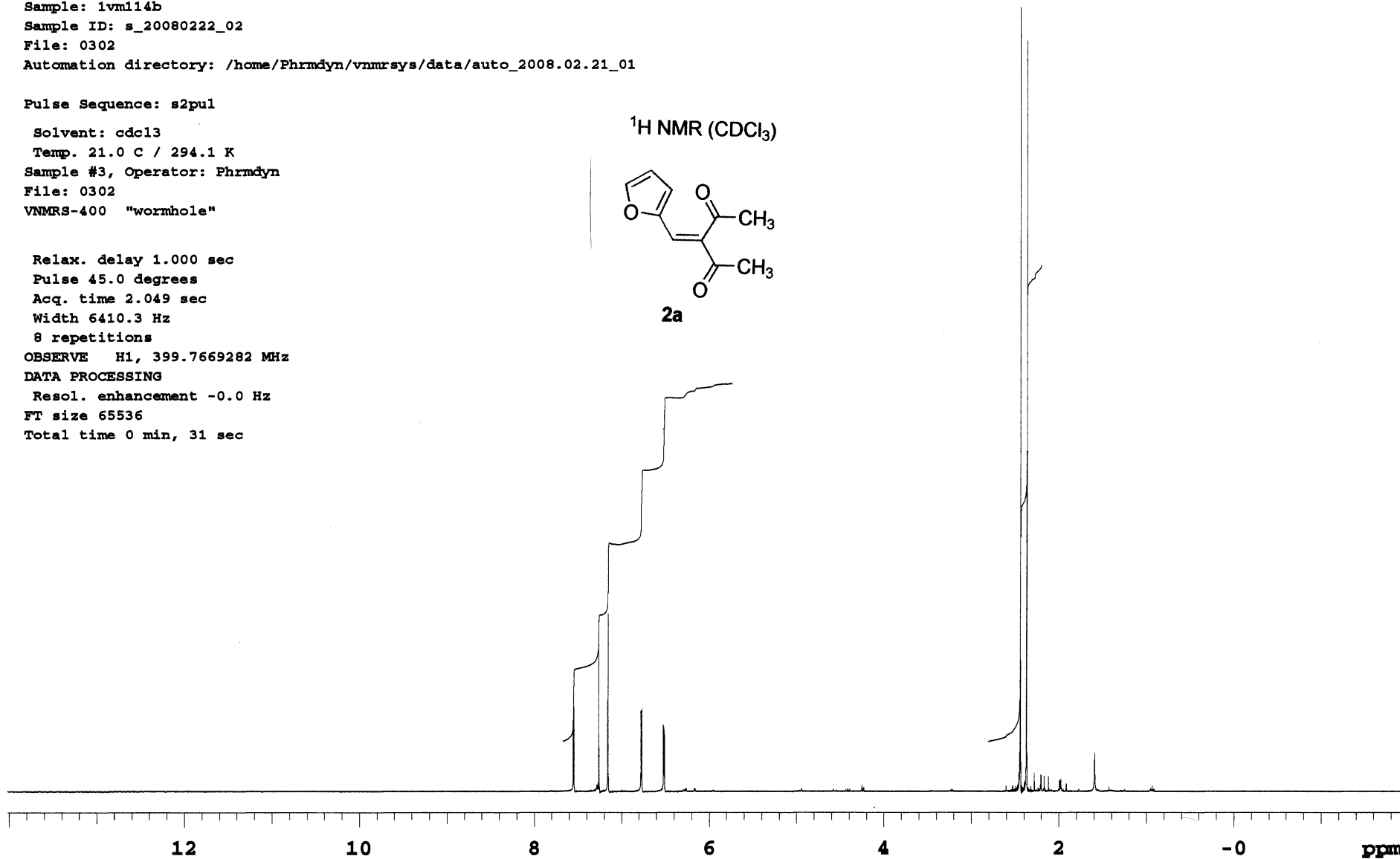
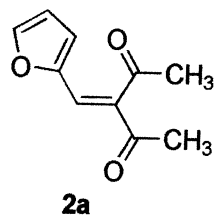
Sample: 1vm114b  
Sample ID: s\_20080222\_02  
File: 0302  
Automation directory: /home/Phrmdyn/vnmrsys/data/auto\_2008.02.21\_01

Pulse Sequence: s2pul

Solvent: cdcl3  
Temp. 21.0 C / 294.1 K  
Sample #3, Operator: Phrmdyn  
File: 0302  
VNMR-400 "wormhole"

Relax. delay 1.000 sec  
Pulse 45.0 degrees  
Acq. time 2.049 sec  
Width 6410.3 Hz  
8 repetitions  
OBSERVE H1, 399.7669282 MHz  
DATA PROCESSING  
Resol. enhancement -0.0 Hz  
FT size 65536  
Total time 0 min, 31 sec

<sup>1</sup>H NMR (CDCl<sub>3</sub>)

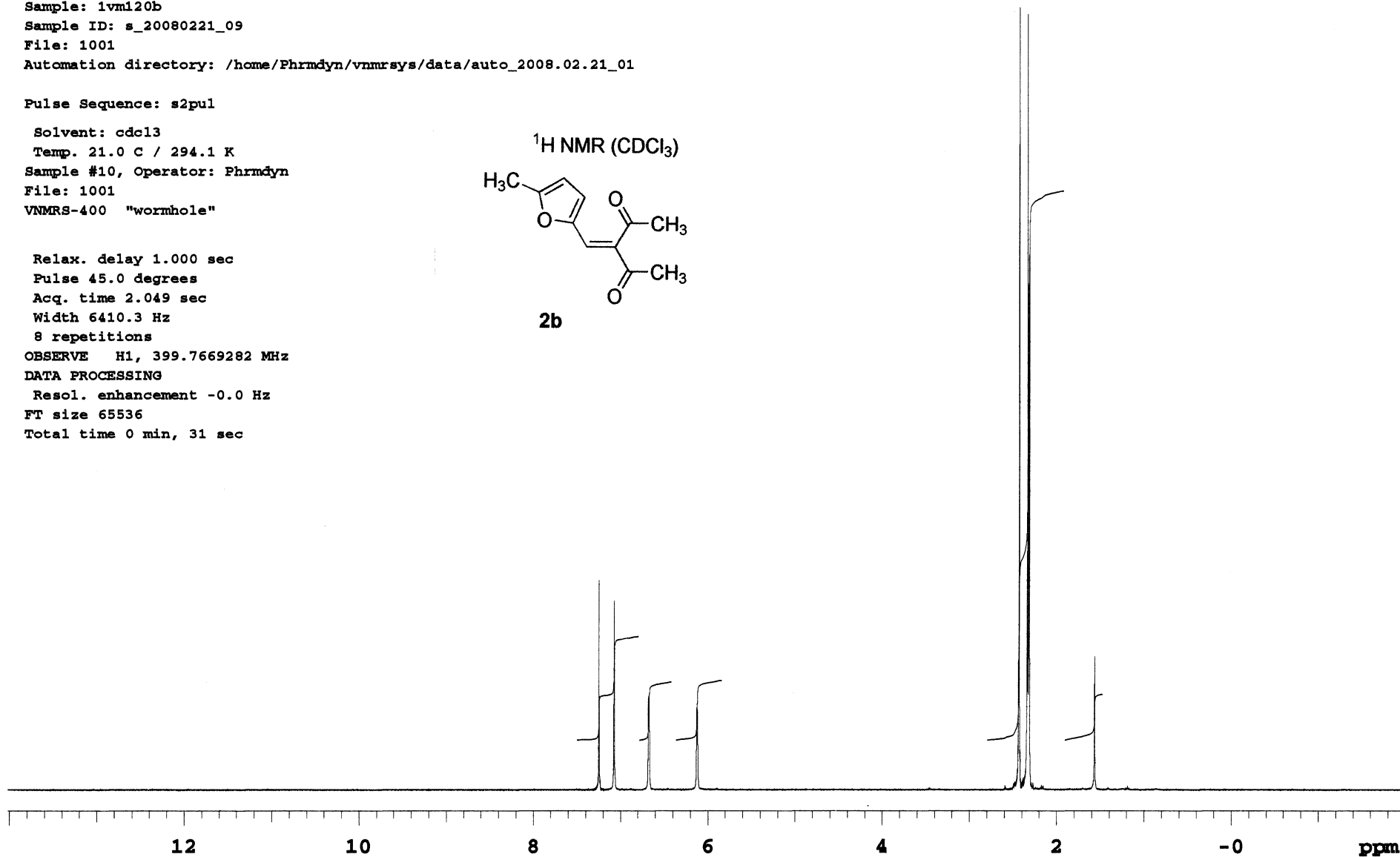
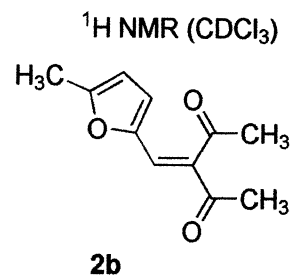


Sample: 1vm120b  
Sample ID: s\_20080221\_09  
File: 1001  
Automation directory: /home/Phrmdyn/vnmrsys/data/auto\_2008.02.21\_01

Pulse Sequence: s2pul

Solvent: cdcl3  
Temp. 21.0 C / 294.1 K  
Sample #10, Operator: Phrmdyn  
File: 1001  
VNMRs-400 "wormhole"

Relax. delay 1.000 sec  
Pulse 45.0 degrees  
Acq. time 2.049 sec  
Width 6410.3 Hz  
8 repetitions  
OBSERVE H1, 399.7669282 MHz  
DATA PROCESSING  
Resol. enhancement -0.0 Hz  
FT size 65536  
Total time 0 min, 31 sec

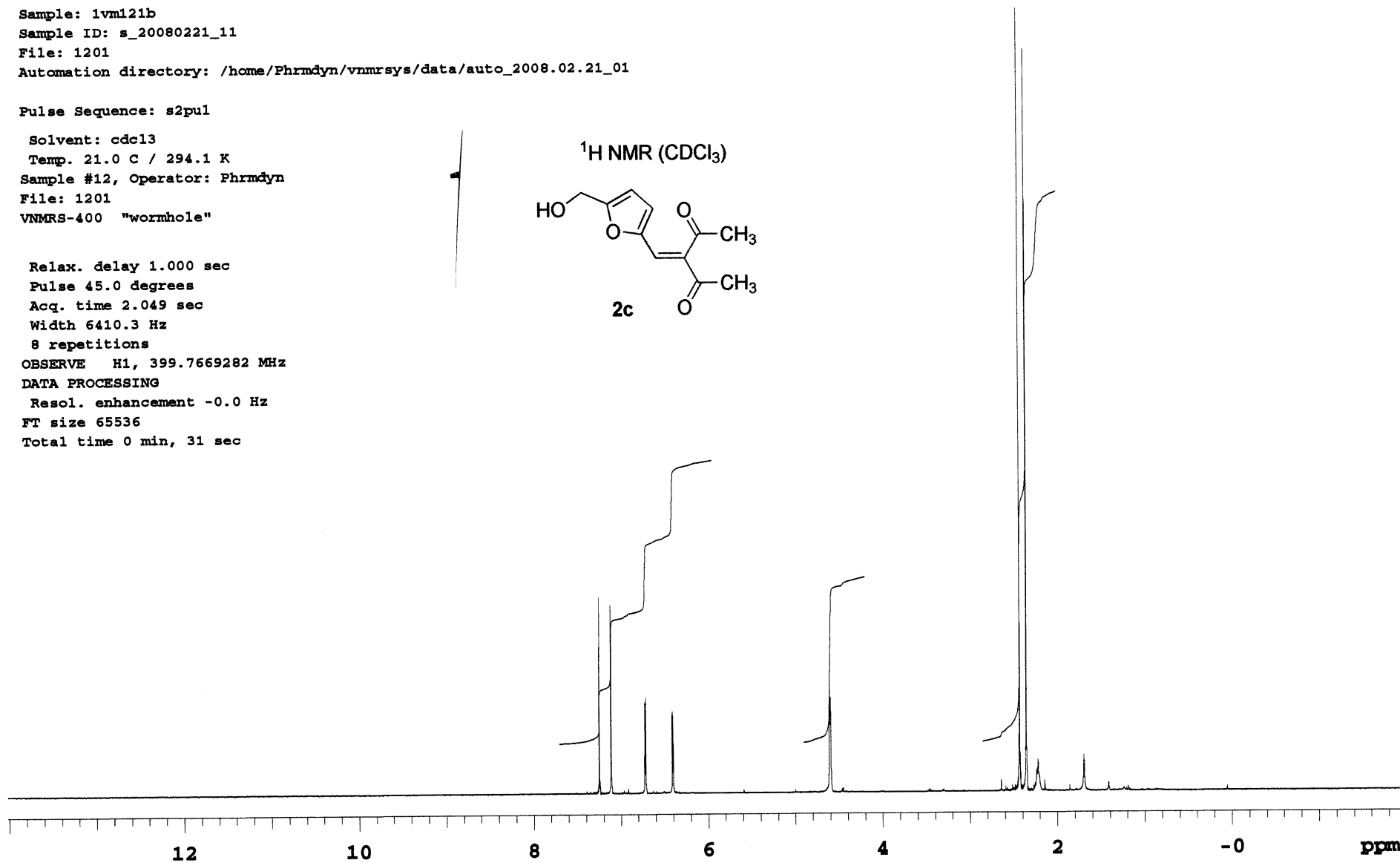
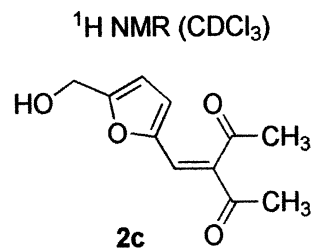


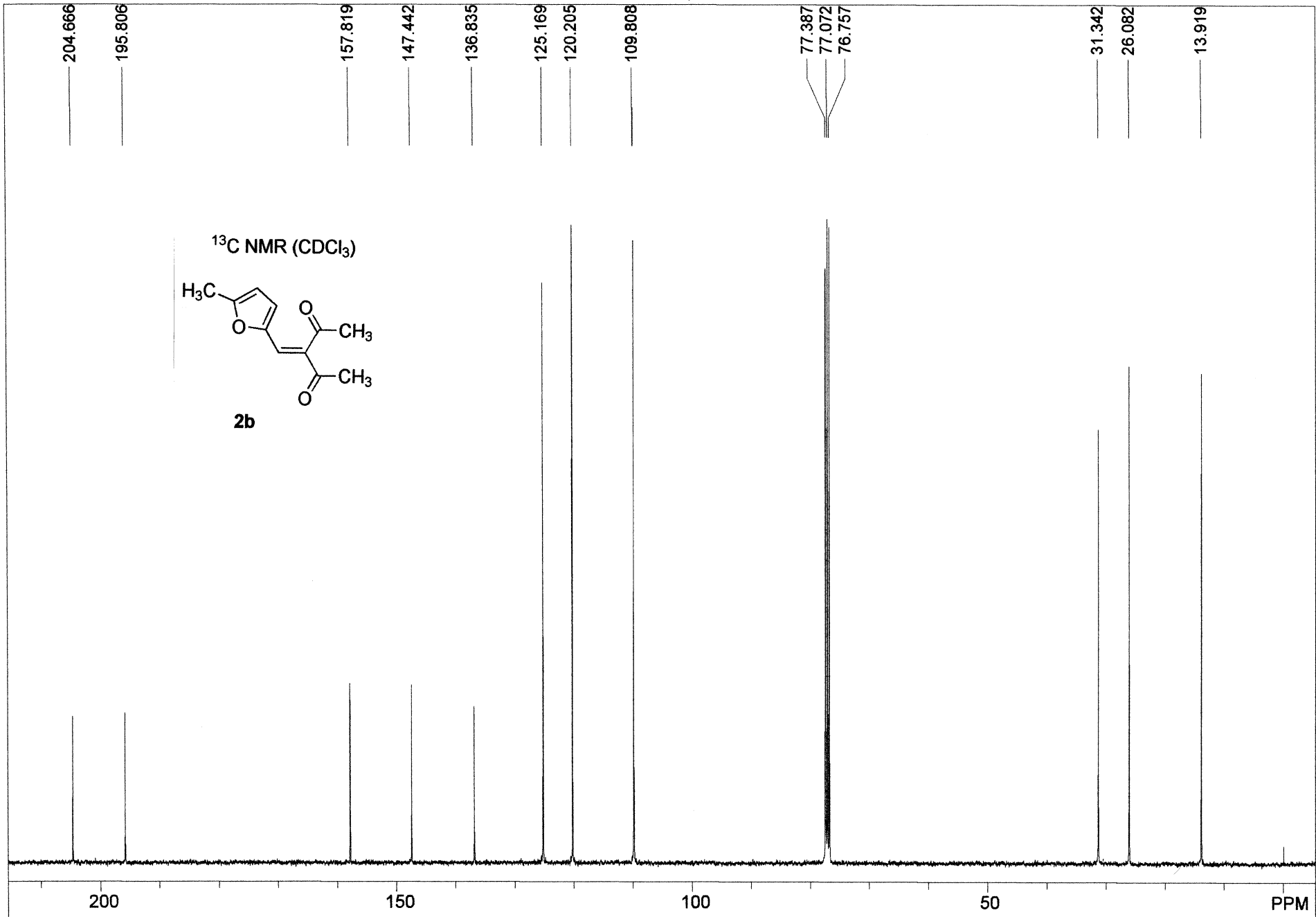
Sample: 1vm121b  
Sample ID: s\_20080221\_11  
File: 1201  
Automation directory: /home/Phrmdyn/vnmrsys/data/auto\_2008.02.21\_01

Pulse Sequence: s2pul

Solvent: cdcl3  
Temp. 21.0 C / 294.1 K  
Sample #12, Operator: Phrmdyn  
File: 1201  
VNMR5-400 "wormhole"

Relax. delay 1.000 sec  
Pulse 45.0 degrees  
Acq. time 2.049 sec  
Width 6410.3 Hz  
8 repetitions  
OBSERVE H1, 399.7669282 MHz  
DATA PROCESSING  
Resol. enhancement -0.0 Hz  
FT size 65536  
Total time 0 min, 31 sec





PTI-121 in CDCl3 (44781)

USER: DJB -- DATE: Aug 3, 2013 02:23:40

F1: 100.535

F2: 399.784

SW1: 31447

OF1: 10046.6

PTS1d: 32768 , 32768

EX: single\_pulse\_dec

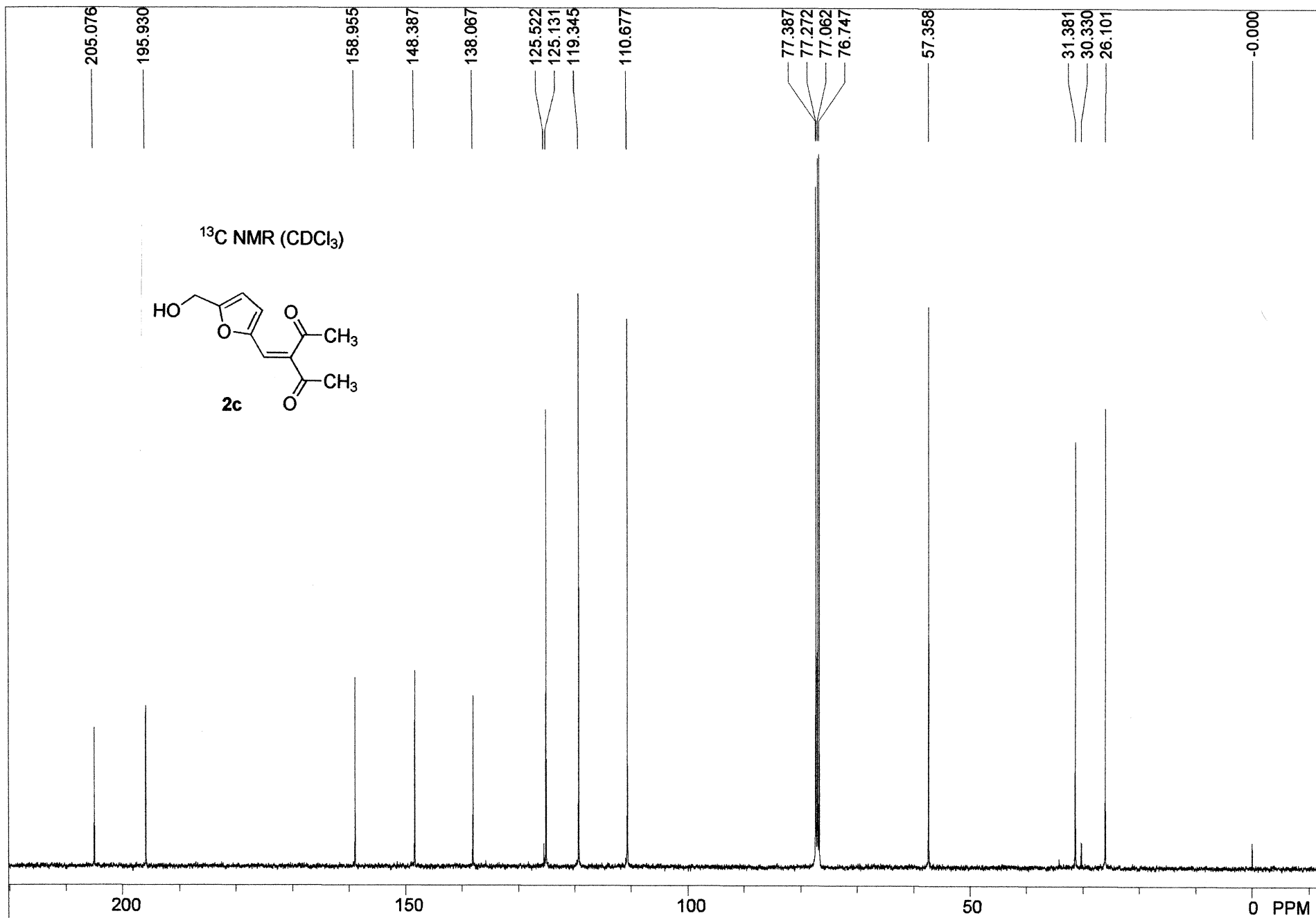
PW: 4.4 us, 30deg

PD: 1.5 sec

NA: 4096

LB: 2.0

Nuts - \$\$pd130802\_CARBON-2.jdf



PTI-122\_in\_CDCl3 (44781)

USER: DJB -- DATE: Aug 3, 2013 05:20:35

F1: 100.535

F2: 399.784

SW1: 31447

OF1: 10045.7

PTS1d: 32768 , 32768

EX: single\_pulse\_dec

PW: 4.4 us, 30deg

PD: 1.5 sec

NA: 4096

LB: 2.0

Nuts - \$\$pd130802\_CARBON-3.jdf