^1H and ^{13}C NMR spectra of N^6 -allyl-6-norlysergic acid diethylamide (AL-LAD)

Darcy C. Burns, Timothy E. Burrow and Stephen J. Chapman*

15 July 2016 · <http://dx.doi.org/10.16889/isomerdesign-3>

* Correspondence to: Isomer Design, 4103-210 Victoria St, Toronto, ON, Canada, M5B 2R3. E-mail: SJChapman@isomerdesign.com

Acquisition Parameters

Acquire Date: 2014-08-18T18:59:54
 Spect Frequency: 699.81 MHz
 Nucleus: ^1H
 Pulse Program: s2pul
 Pulse Width: 3.6 μsec
 Number of Points: 50223
 Acquisition Time: 4.5 s
 Number of Scans: 64
 Relaxation Delay: 5s
 Sweep Width: 11160.7 Hz
 Temperature: 27.1 $^{\circ}\text{C}$
 Solvent: dmso_insert

Processing Parameters

Phase: Manual
 Ph0: 97.35
 Ph1: -1.41
 Baseline: Whittaker
 Line Broadening: 0.22 Hz

Comment

CSICOMP NMR Facility
 operator: Dr. D.C. Burns
 sample: E2 AL-LAD

^1H NMR (700 MHz, $\text{DMSO}-d_6$) δ 10.70 (s, 1H), 7.11 – 6.95 (m, 3H), 6.23 (s, 1H), 6.03 – 5.88 (m, 1H), 5.30 (d, $J = 17.0$ Hz, 1H), 5.20 (d, $J = 10.2$ Hz, 1H), 4.26 (s, 1H), 3.78 – 3.72 (m, 1H), 3.66 (dd, $J = 14.5, 4.7$ Hz, 1H), 3.53 (dd, $J = 14.5, 5.4$ Hz, 1H), 3.50 – 3.34 (m, 4H), 3.31 (q, $J = 7.0$ Hz, 2H), 3.18 (dd, $J = 14.4, 7.9$ Hz, 1H), 3.08 (dd, $J = 11.1, 4.6$ Hz, 1H), 2.62 (t, $J = 10.7$ Hz, 1H), 2.53 (s, 1H), 1.17 (t, $J = 7.0$ Hz, 3H), 1.06 (t, $J = 7.0$ Hz, 3H).

Acquisition Parameters

Acquire Date: 2014-08-18T18:59:54
Spect Frequency: 699.81 MHz
Nucleus: ^1H
Pulse Program: s2pul
Pulse Width: 3.6 μsec
Number of Points: 50223
Acquisition Time: 4.5 s
Number of Scans: 64
Relaxation Delay: 5s
Sweep Width: 11160.7 Hz
Temperature: 27.1 $^{\circ}\text{C}$
Solvent: dmso_insert

Processing Parameters

Phase: Manual
Ph0: 97.35
Ph1: -1.41
Baseline: Whittaker
Line Broadening: 0.22 Hz

Comment

CSICOMP NMR Facility
 operator: Dr. D.C. Burns
 sample: E2 AL-LAD

^1H NMR (700 MHz, $\text{DMSO}-d_6$) δ 10.70 (s, 1H), 7.11 – 6.95 (m, 3H), 6.23 (s, 1H), 6.03 – 5.88 (m, 1H), 5.30 (d, $J = 17.0$ Hz, 1H), 5.20 (d, $J = 10.2$ Hz, 1H), 4.26 (s, 1H), 3.78 – 3.72 (m, 1H), 3.66 (dd, $J = 14.5, 4.7$ Hz, 1H), 3.53 (dd, $J = 14.5, 5.4$ Hz, 1H), 3.50 – 3.34 (m, 4H), 3.31 (q, $J = 7.0$ Hz, 2H), 3.18 (dd, $J = 14.4, 7.9$ Hz, 1H), 3.08 (dd, $J = 11.1, 4.6$ Hz, 1H), 2.62 (t, $J = 10.7$ Hz, 1H), 2.53 (s, 1H), 1.17 (t, $J = 7.0$ Hz, 3H), 1.06 (t, $J = 7.0$ Hz, 3H).

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20140818_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-PROTON_01_E2 AL-LAD

Acquisition Parameters

Acquire Date: 2014-08-18T18:59:54

Spect Frequency: 699.81 MHz

Nucleus: ^1H

Pulse Program: s2pul

Pulse Width: 3.6 μsec

Number of Points: 50223

Acquisition Time: 4.5 s

Number of Scans: 64

Relaxation Delay: 5s

Sweep Width: 11160.7 Hz

Temperature: 27.1 $^{\circ}\text{C}$

Solvent: dms_o_insert

Processing Parameters

Phase: Manual

Ph0: 97.35

Ph1: -1.41

Baseline: Whittaker

Line Broadening: 0.22 Hz

Comment

CSICOMP NMR Facility
operator: Dr. D.C. Burns
sample: E2 AL-LAD

^1H NMR (700 MHz, $\text{DMSO}-d_6$) δ 10.70 (s, 1H), 7.11 – 6.95 (m, 3H), 6.23 (s, 1H), 6.03 – 5.88 (m, 1H), 5.30 (d, $J = 17.0$ Hz, 1H), 5.20 (d, $J = 10.2$ Hz, 1H), 4.26 (s, 1H), 3.78 – 3.72 (m, 1H), 3.66 (dd, $J = 14.5, 4.7$ Hz, 1H), 3.53 (dd, $J = 14.5, 5.4$ Hz, 1H), 3.50 – 3.34 (m, 4H), 3.31 (q, $J = 7.0$ Hz, 2H), 3.18 (dd, $J = 14.4, 7.9$ Hz, 1H), 3.08 (dd, $J = 11.1, 4.6$ Hz, 1H), 2.62 (t, $J = 10.7$ Hz, 1H), 2.53 (s, 1H), 1.17 (t, $J = 7.0$ Hz, 3H), 1.06 (t, $J = 7.0$ Hz, 3H).

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20140818_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-PROTON_01_E2 AL-LAD

Acquisition Parameters

Acquire Date: 2014-08-18T18:59:54

Spect Frequency: 699.81 MHz

Nucleus: ^1H

Pulse Program: s2pul

Pulse Width: 3.6 μsec

Number of Points: 50223

Acquisition Time: 4.5 s

Number of Scans: 64

Relaxation Delay: 5s

Sweep Width: 11160.7 Hz

Temperature: 27.1 $^{\circ}\text{C}$

Solvent: dmso_insert

Processing Parameters

Phase: Manual

Ph0: 97.35

Ph1: -1.41

Baseline: Whittaker

Line Broadening: 0.22 Hz

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

^1H NMR (700 MHz, $\text{DMSO}-d_6$) δ 10.70 (s, 1H), 7.11 – 6.95 (m, 3H), 6.23 (s, 1H), 6.03 – 5.88 (m, 1H), 5.30 (d, J = 17.0 Hz, 1H), 5.20 (d, J = 10.2 Hz, 1H), 4.26 (s, 1H), 3.78 – 3.72 (m, 1H), 3.66 (dd, J = 14.5, 4.7 Hz, 1H), 3.53 (dd, J = 14.5, 5.4 Hz, 1H), 3.50 – 3.34 (m, 4H), 3.31 (q, J = 7.0 Hz, 2H), 3.18 (dd, J = 14.4, 7.9 Hz, 1H), 3.08 (dd, J = 11.1, 4.6 Hz, 1H), 2.62 (t, J = 10.7 Hz, 1H), 2.53 (s, 1H), 1.17 (t, J = 7.0 Hz, 3H), 1.06 (t, J = 7.0 Hz, 3H).

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20140818_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-PROTON_01_E2 AL-LAD

Acquisition Parameters

Acquire Date: 2014-08-18T18:59:54

Spect Frequency: 699.81 MHz

Nucleus: ^1H

Pulse Program: s2pul

Pulse Width: 3.6 μsec

Number of Points: 50223

Acquisition Time: 4.5 s

Number of Scans: 64

Relaxation Delay: 5s

Sweep Width: 11160.7 Hz

Temperature: 27.1 $^{\circ}\text{C}$

Solvent: dmso_insert

Processing Parameters

Phase: Manual

Ph0: 97.35

Ph1: -1.41

Baseline: Whittaker

Line Broadening: 0.22 Hz

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

^1H NMR (700 MHz, $\text{DMSO}-d_6$) δ 10.70 (s, 1H), 7.11 – 6.95 (m, 3H), 6.23 (s, 1H), 6.03 – 5.88 (m, 1H), 5.30 (d, $J = 17.0$ Hz, 1H), 5.20 (d, $J = 10.2$ Hz, 1H), 4.26 (s, 1H), 3.78 – 3.72 (m, 1H), 3.66 (dd, $J = 14.5, 4.7$ Hz, 1H), 3.53 (dd, $J = 14.5, 5.4$ Hz, 1H), 3.50 – 3.34 (m, 4H), 3.31 (q, $J = 7.0$ Hz, 2H), 3.18 (dd, $J = 14.4, 7.9$ Hz, 1H), 3.08 (dd, $J = 11.1, 4.6$ Hz, 1H), 2.62 (t, $J = 10.7$ Hz, 1H), 2.53 (s, 1H), 1.17 (t, $J = 7.0$ Hz, 3H), 1.06 (t, $J = 7.0$ Hz, 3H).

Acquisition Parameters

Acquire Date: 2014-08-18T18:59:54
 Spect Frequency: 699.81 MHz
 Nucleus: ^1H
 Pulse Program: s2pul
 Pulse Width: 3.6 μsec
 Number of Points: 50223
 Acquisition Time: 4.5 s
 Number of Scans: 64
 Relaxation Delay: 5s
 Sweep Width: 11160.7 Hz
 Temperature: 27.1 $^{\circ}\text{C}$
 Solvent: dmso_insert

Processing Parameters

Phase: Manual
 Ph0: 97.35
 Ph1: -1.41
 Baseline: Whittaker
 Line Broadening: 0.22 Hz

Comment

CSICOMP NMR Facility
 operator: Dr. D.C. Burns
 sample: E2 AL-LAD

^1H NMR (700 MHz, $\text{DMSO}-d_6$) δ 10.70 (s, 1H), 7.11 – 6.95 (m, 3H), 6.23 (s, 1H), 6.03 – 5.88 (m, 1H), 5.30 (d, $J = 17.0$ Hz, 1H), 5.20 (d, $J = 10.2$ Hz, 1H), 4.26 (s, 1H), 3.78 – 3.72 (m, 1H), 3.66 (dd, $J = 14.5, 4.7$ Hz, 1H), 3.53 (dd, $J = 14.5, 5.4$ Hz, 1H), 3.50 – 3.34 (m, 4H), 3.31 (q, $J = 7.0$ Hz, 2H), 3.18 (dd, $J = 14.4, 7.9$ Hz, 1H), 3.08 (dd, $J = 11.1, 4.6$ Hz, 1H), 2.62 (t, $J = 10.7$ Hz, 1H), 2.53 (s, 1H), 1.17 (t, $J = 7.0$ Hz, 3H), 1.06 (t, $J = 7.0$ Hz, 3H).

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20140818_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-PROTON_01_E2 AL-LAD

Acquisition Parameters

Acquire Date: 2014-08-18T18:59:54

Spect Frequency: 699.81 MHz

Nucleus: ^1H

Pulse Program: s2pul

Pulse Width: 3.6 μsec

Number of Points: 50223

Acquisition Time: 4.5 s

Number of Scans: 64

Relaxation Delay: 5s

Sweep Width: 11160.7 Hz

Temperature: 27.1 $^{\circ}\text{C}$

Solvent: dmso_insert

Processing Parameters

Phase: Manual

Ph0: 97.35

Ph1: -1.41

Baseline: Whittaker

Line Broadening: 0.22 Hz

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

^1H NMR (700 MHz, $\text{DMSO}-d_6$) δ 10.70 (s, 1H), 7.11 – 6.95 (m, 3H), 6.23 (s, 1H), 6.03 – 5.88 (m, 1H), 5.30 (d, J = 17.0 Hz, 1H), 5.20 (d, J = 10.2 Hz, 1H), 4.26 (s, 1H), 3.78 – 3.72 (m, 1H), 3.66 (dd, J = 14.5, 4.7 Hz, 1H), 3.53 (dd, J = 14.5, 5.4 Hz, 1H), 3.50 – 3.34 (m, 4H), 3.31 (q, J = 7.0 Hz, 2H), 3.18 (dd, J = 14.4, 7.9 Hz, 1H), 3.08 (dd, J = 11.1, 4.6 Hz, 1H), 2.62 (t, J = 10.7 Hz, 1H), 2.53 (s, 1H), 1.17 (t, J = 7.0 Hz, 3H), 1.06 (t, J = 7.0 Hz, 3H).

Acquisition Parameters

Acquire Date: 2014-08-19T09:36:35

Spect Frequency: 175.98 MHz

Nucleus: ^{13}C

Pulse Program: s2pul

Pulse Width: 3.5667 μsec

Number of Points: 65536

Acquisition Time: 1.5729 s

Number of Scans: 4096

Relaxation Delay: 0.2s

Sweep Width: 41666.7 Hz

Temperature: 27.1 $^{\circ}\text{C}$

Solvent: dms_o_insert

Processing Parameters

Phase: Manual

Ph0: 4.71

Ph1: 26.36

Baseline: Whittaker

Line Broadening: 0.64 Hz

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

^{13}C NMR (176 MHz, dms_o_insert) δ 173.19, 170.67, 135.55, 134.68, 133.78, 127.47, 125.84, 122.28, 120.31, 119.30, 118.03, 111.03, 109.82, 108.82, 72.03, 59.71, 56.35, 51.72, 41.50, 39.52, 26.60, 14.81, 13.07.

Acquisition Parameters

Acquire Date: 2014-08-19T09:36:35

Spect Frequency: 175.98 MHz

Nucleus: ^{13}C

Pulse Program: s2pul

Pulse Width: 3.5667 μsec

Number of Points: 65536

Acquisition Time: 1.5729 s

Number of Scans: 4096

Relaxation Delay: 0.2s

Sweep Width: 41666.7 Hz

Temperature: 27.1 $^{\circ}\text{C}$

Solvent: dmso_insert

Processing Parameters

Phase: Manual

Ph0: 4.71

Ph1: 26.36

Baseline: Whittaker

Line Broadening: 0.64 Hz

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

^{13}C NMR (176 MHz, dmso_insert) δ 173.19, 170.67, 135.55, 134.68, 133.78, 127.47, 125.84, 122.28, 120.31, 119.30, 118.03, 111.03, 109.82, 108.82, 72.03, 59.71, 56.35, 51.72, 41.50, 39.52, 26.60, 14.81, 13.07.

Acquisition Parameters

Acquire Date: 2014-08-19T09:36:35

Spect Frequency: 175.98 MHz

Nucleus: ^{13}C

Pulse Program: s2pul

Pulse Width: 3.5667 μsec

Number of Points: 65536

Acquisition Time: 1.5729 s

Number of Scans: 4096

Relaxation Delay: 0.2s

Sweep Width: 41666.7 Hz

Temperature: 27.1 $^{\circ}\text{C}$

Solvent: dmsd_insert

Processing Parameters

Phase: Manual

Ph0: 4.71

Ph1: 26.36

Baseline: Whittaker

Line Broadening: 0.64 Hz

Comment

CSICOMP NMR Facility
operator: Dr. D.C. Burns
sample: E2 AL-LAD

^{13}C NMR (176 MHz, dmsd_insert) δ 173.19, 170.67, 135.55, 134.68, 133.78, 127.47, 125.84, 122.28, 120.31, 119.30, 118.03, 111.03, 109.82, 108.82, 72.03, 59.71, 56.35, 51.72, 41.50, 39.52, 26.60, 14.81, 13.07.

Acquisition Parameters

Acquire Date: 2014-08-19T09:36:35

Spect Frequency: 175.98 MHz

Nucleus: ^{13}C

Pulse Program: s2pul

Pulse Width: 3.5667 μsec

Number of Points: 65536

Acquisition Time: 1.5729 s

Number of Scans: 4096

Relaxation Delay: 0.2s

Sweep Width: 41666.7 Hz

Temperature: 27.1 $^{\circ}\text{C}$

Solvent: dmso_insert

Processing Parameters

Phase: Manual

Ph0: 4.71

Ph1: 26.36

Baseline: Whittaker

Line Broadening: 0.64 Hz

Comment

CSICOMP NMR Facility
operator: Dr. D.C. Burns
sample: E2 AL-LAD

^{13}C NMR (176 MHz, dmso_insert) δ 173.19, 170.67, 135.55, 134.68, 133.78, 127.47, 125.84, 122.28, 120.31, 119.30, 118.03, 111.03, 109.82, 108.82, 72.03, 59.71, 56.35, 51.72, 41.50, 39.52, 26.60, 14.81, 13.07.

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20150119_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-gCOSY_01
2D-COSY

Acquisition Parameters

Acquire Date:

2015-01-19T20:57:16

Spect Frequency: [699.8052679,
699.8052679] MHz

Nucleus [f1,f2]: [1H, 1H]

Pulse Program: gCOSY (gCOSY)

90° Pulse Width: 7.9 µsec

Number of Points [f1,f2]: [1024,
1024]

Acquisition Time: 0.1196032 s

Number of Scans: 4

Relaxation Delay: 0.8803968s

Receiver Gain: 40

Sweep Width [f1,f2]:

[8561.64383562,
8561.64383562] Hz

Temperature: 25 °C

Solvent: dmso_insert

System: tuxedosam-vnmrs700

Probe: HCN_COLD

Processing Parameters

Phase: NoPC

Processed by: Dr Timothy
Burrow

Script: teb_tidy2D 20150202

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

Acquisition Parameters

Acquire Date:

2015-01-19T20:57:16

Spect Frequency: [699.8052679,
699.8052679] MHz

Nucleus [f1,f2]: [1H, 1H]

Pulse Program: gCOSY (gCOSY)

90° Pulse Width: 7.9 µsec

Number of Points [f1,f2]: [1024,
1024]

Acquisition Time: 0.1196032 s

Number of Scans: 4

Relaxation Delay: 0.8803968s

Receiver Gain: 40

Sweep Width [f1,f2]:

[8561.64383562,
8561.64383562] Hz

Temperature: 25 °C

Solvent: dmso_insert

System: tuxedosam-vnmrs700

Probe: HCN_COLD

Processing Parameters

Phase: NoPC

Processed by: Dr Timothy
Burrow

Script: teb_tidy2D 20150202

Comment

CSICOMP NMR Facility
operator: Dr. D.C. Burns
sample: E2 AL-LAD

Acquisition Parameters

Acquire Date:

2015-01-19T20:57:16

Spect Frequency: [699.8052679,
699.8052679] MHz

Nucleus [f1,f2]: [1H, 1H]

Pulse Program: gCOSY (gCOSY)

90° Pulse Width: 7.9 µsec

Number of Points [f1,f2]: [1024,
1024]

Acquisition Time: 0.1196032 s

Number of Scans: 4

Relaxation Delay: 0.8803968s

Receiver Gain: 40

Sweep Width [f1,f2]:

[8561.64383562,
8561.64383562] Hz

Temperature: 25 °C

Solvent: dmso_insert

System: tuxedosam-vnmrs700

Probe: HCN_COLD

Processing Parameters

Phase: NoPC

Processed by: Dr Timothy

Burrow

Script: teb_tidy2D 20150202

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

Acquisition Parameters

Acquire Date:

2015-01-19T20:57:16

Spect Frequency: [699.8052679,
699.8052679] MHz

Nucleus [f1,f2]: [1H, 1H]

Pulse Program: gCOSY (gCOSY)

90° Pulse Width: 7.9 µsec

Number of Points [f1,f2]: [1024,
1024]

Acquisition Time: 0.1196032 s

Number of Scans: 4

Relaxation Delay: 0.8803968s

Receiver Gain: 40

Sweep Width [f1,f2]:

[8561.64383562,
8561.64383562] Hz

Temperature: 25 °C

Solvent: dmso_insert

System: tuxedosam-vnmrs700

Probe: HCN_COLD

Processing Parameters

Phase: NoPC

Processed by: Dr Timothy
Burrow

Script: teb_tidy2D 20150202

Comment

CSICOMP NMR Facility
operator: Dr. D.C. Burns
sample: E2 AL-LAD

Acquisition Parameters

Acquire Date:

2015-01-19T20:57:16

Spect Frequency: [699.8052679,
699.8052679] MHz

Nucleus [f1,f2]: [1H, 1H]

Pulse Program: gCOSY (gCOSY)

90° Pulse Width: 7.9 µsec

Number of Points [f1,f2]: [1024,
1024]

Acquisition Time: 0.1196032 s

Number of Scans: 4

Relaxation Delay: 0.8803968s

Receiver Gain: 40

Sweep Width [f1,f2]:

[8561.64383562,
8561.64383562] Hz

Temperature: 25 °C

Solvent: dmso_insert

System: tuxedosam-vnmrs700

Probe: HCN_COLD

Processing Parameters

Phase: NoPC

Processed by: Dr Timothy

Burrow

Script: teb_tidy2D 20150202

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

Acquisition Parameters

Acquire Date:

2015-01-19T20:57:16

Spect Frequency: [699.8052679,
699.8052679] MHz

Nucleus [f1,f2]: [1H, 1H]

Pulse Program: gCOSY (gCOSY)

90° Pulse Width: 7.9 µsec

Number of Points [f1,f2]: [1024,
1024]

Acquisition Time: 0.1196032 s

Number of Scans: 4

Relaxation Delay: 0.8803968s

Receiver Gain: 40

Sweep Width [f1,f2]:

[8561.64383562,
8561.64383562] Hz

Temperature: 25 °C

Solvent: dmso_insert

System: tuxedosam-vnmrs700

Probe: HCN_COLD

Processing Parameters

Phase: NoPC

Processed by: Dr Timothy
Burrow

Script: teb_tidy2D 20150202

Comment

CSICOMP NMR Facility
operator: Dr. D.C. Burns
sample: E2 AL-LAD

Acquisition Parameters

Acquire Date:

2015-01-19T20:57:16

Spect Frequency: [699.8052679,
699.8052679] MHz

Nucleus [f1,f2]: [1H, 1H]

Pulse Program: gCOSY (gCOSY)

90° Pulse Width: 7.9 μ sec

Number of Points [f1,f2]: [1024,
1024]

Acquisition Time: 0.1196032 s

Number of Scans: 4

Relaxation Delay: 0.8803968s

Receiver Gain: 40

Sweep Width [f1,f2]:

[8561.64383562,
8561.64383562] Hz

Temperature: 25 °C

Solvent: dmso_insert

System: tuxedosam-vnmrs700

Probe: HCN_COLD

Processing Parameters

Phase: NoPC

Processed by: Dr Timothy

Burrow

Script: teb_tidy2D 20150202

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

Acquisition Parameters

Acquire Date:

2015-01-19T20:57:16

Spect Frequency: [699.8052679,
699.8052679] MHz

Nucleus [f1,f2]: [1H, 1H]

Pulse Program: gCOSY (gCOSY)

90° Pulse Width: 7.9 µsec

Number of Points [f1,f2]: [1024,
1024]

Acquisition Time: 0.1196032 s

Number of Scans: 4

Relaxation Delay: 0.8803968s

Receiver Gain: 40

Sweep Width [f1,f2]:

[8561.64383562,
8561.64383562] Hz

Temperature: 25 °C

Solvent: dmso_insert

System: tuxedosam-vnmrs700

Probe: HCN_COLD

Processing Parameters

Phase: NoPC

Processed by: Dr Timothy
Burrow

Script: teb_tidy2D 20150202

Comment

CSICOMP NMR Facility

operator: Dr. D.C. Burns

sample: E2 AL-LAD

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20150119_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-gc2hsqcse_01

Unknown

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20150119_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-gc2hsqcse_01

Unknown

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20150119_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-gc2hsqcse_01

Unknown

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20150119_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-gc2hsqcse_01

Unknown

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20150119_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-gc2hsqcse_01

Unknown

UNIVERSITY OF
TORONTO

Centre for the Spectroscopic Investigation of
Complex Organic Molecules and Polymers

20150119_vnmrs_700_20140818_D700_NMRLQ-V5481-A-ISO_SC_DCB-gc2hsqcse_01

Unknown