Supporting Information

Highly Efficient Allyl Cross-Coupling Reactions of Allylindiums with Organic Electrophiles

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¹ H and ¹³ C NMR spectra of the compound 16-36	S2-S39
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CMK-1

135.128
134.271
132.009
130.148
126.835
125.125
124.440
123.957
123.773
123.675
122.194
114.327

75.499
75.182
74.864

35.432

Current Data Parameters
NAME nov-20
EXPNO 40
PROCNO 1
F2 - Acquisition Parameters
Date_ 20081110
Time 11:22
INSTRUM spect
PROBHD 5 mm Dui 13
PULPROG zgpg30
TD 65536
SOLVENT COCD3
NS 2
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289552 sec
RG 1149.4
DM 15.700 usec
DE 6.00 usec
TE 300.2 K
D1 2.0000000 sec
D11 0.0300000 sec
D12 0.0002000 sec

***** CHANNEL f1 *****
NUC1 13C
P1 10.00 usec
PL1 0.00 dB
RF1 100.625458 MHz
SFO1 100.625458 MHz

***** CHANNEL f2 *****
CPOPRG2 waltz16
NUC2 1H
PCPD2 105.00 usec
PL2 0.00 dB
PL12 15.00 dB
PL13 20.00 dB
SFO2 400.1324708 MHz

F2 - Processing parameters
SI 32768
SF 100.6125982 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

10 MHz plot parameters
CX 30.00 cm
F1P 205.000 ppm
F1 205.00 Hz
F2P -503.06 ppm
F2 -503.06 Hz
PPHCH 7.00000 ppm/cm
HZCM 704.29065 Hz/cm

1.3111

SSY-13 dba

Current Data Parameters
 Name: 127
 ExpNO: 1
 F2 - Acquisition Parameters
 Date_: 20001123
 Time: 14.54
 INSTRUM: spect
 PRGNAME: 5 mm QNP 1H
 PULPROG: zgpg30
 TO: 32768
 SFOVENT: CQC13
 NS: 16
 DS: 0
 SWH: 8223.615 Hz
 FIDRES: 0.235814 Hz
 AQ: 4.44444 sec
 RG: 362
 DE: 60.800 usec
 TE: 300.0 K
 D1: 1.0000000 sec
 ***** CHANNEL f1 *****
 NUC1: 1H
 P1: 11.00 usec
 PL1: -2.00 dB
 SF01: 400.1324710 MHz
 F2 - Processing parameters
 SF: 400.130135 MHz
 WDM: EM
 SSS: 0
 LB: 0.30 Hz
 GB: 0
 PC: 1.00
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 CX: 30.00 cm
 F1P: 10.500 ppm
 F1: 4201.37 Hz
 F2P: -0.500 ppm
 F2: -200.07 Hz
 PPMCK: 0.36657 ppm/cm
 HZCK: 146.71434 Hz/cm

SSY-15

Current Data Parameters
Name: SSY-52
EXPNO: 90
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20001218
Time: 15:27
INSTRUM: spect
PROBHD: 5 mm QNP1H
PULPROG: zgpg30
TD: 32768
SOLVENT: CDCl3
NS: 16
DS: 0
SWH: 8223.865 Hz
FIDRES: 0.358091 Hz
AQ: 1.9823444 sec
RG: 512
DW: 60.800 usec
DE: 6.00 usec
TE: 300.0 K
D1: 1.00000000 sec

***** CHANNEL f1 *****
NUC1: 1H
P1: 11.00 usec
PL1: -2.00 dB
SFO1: 400.1324710 MHz

F2 - Processing parameters
SI: 32768
SF: 400.1300135 MHz
WGM: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

1D NMR Plot Parameters
CX: 30.00 cm
F1P: 10.500 ppm
F1: 4201.37 Hz
F2P: -0.500 ppm
F2: -200.07 Hz
PPOCK: 0.38667 ppm/cm
HZCM: 146.77434 Hz/cm

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SSY-55

Current Data Parameters
NAME: SEC-20
EXPNO: 117
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20001223
Time: 13.09
INSTRUM: spect
PROBHD: 5 mm Dual 13
PULPROG: zgpg30
TO: 65536
SOLVENT: CDCl3
NS: 9069
DS: 2
SWH: 31847.113 Hz
FIDRES: 1.44593 Hz
AQ: 1.028652 sec
RG: 4567
DM: 15.700 usec
DE: 6.00 usec
TE: 300.0 K
D1: 2.0000000 sec
SFO1: 101.6254359 MHz
D12: 0.0002000 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 10.50 usec
PL1: -1.00 dB
SFO1: 100.6254359 MHz

===== CHANNEL f2 =====
OPRG2: waltz16
NUC2: 1H
PCPG2: 105.00 usec
PL2: -2.00 dB
PL12: 18.00 dB
PL13: 22.00 dB
SFO2: 400.1324708 MHz

F2 - Processing parameters
SI: 32768
SF: 100.6127707 MHz
MCH: EM
SCB: 1.00 Hz
BB: 0
PC: 1.40

10 NMR plot parameters
CX: 30.00 cm
FIP: 205.000 dpm
F1P: 20620.02 Hz
F2P: 400.1324708 MHz
F2: -503.06 Hz
PPHCK: 7.00000 ppm/cm
HZCM: 704.28937 Hz/cm

LJS-R-002

Current Data Parameters
NAME dec-20
EXPNO 93
PROCNO 1

F2 - Acquisition Parameters
Date_ 20081218
Time 18.18
INSTRUM spect
PROBHD 5 mm Dui 13
PULPROG zgpg30
TD 65536
TO SOLVENT CDCl3
SOLVENT CDCl3
NUC1 13C
P1 10.00 usec
PC 1.00 usec
SF01 100.6254308 MHz

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PC 1.00 usec
SF01 100.6254308 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PERIOD 105.00 usec
PC2 2.00 usec
PC22 1.00 usec
PC13 20.00 dB
SF02 400.1324709 MHz

F2 - Processing parameters
SI 32768
SF 100.6127668 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 30.00 cm
F1P 205.000 MHz
F1 205.000 MHz
F2 500.000 MHz
F2 503.06 MHz
PPHCH 704.28937 Hz/cm
HZCM

Current Data Parameters
 Name: LUS-29
 Date: 20010516
 Time: 16.42
 F2 - Acquisition Parameters
 Date: 20010516
 Time: 16.42
 INSTRUM: spect
 PROBHD: 5 mm QNP 13
 P1: 12.00
 FID: 32768
 TD: 32768
 SOLVENT: CDCl3
 NS: 16
 DS: 0
 SWH: 8223.865 Hz
 FIDRES: 0.25067 Hz
 AQ: 1.59244 sec
 RG: 362
 DM: 60.800 usec
 DE: 6.00 usec
 TE: 300.0 K
 D1: 1.0000000 sec

***** CHANNEL f1 *****
 NUC1: ¹H
 P1: 10.80 usec
 PL1: -2.00 dB
 SFO1: 400.132710 MHz

F2 - Processing parameters
 SI: 32768
 SF: 400.130013 MHz
 WDM: 0
 SSB: 0
 LB: 0.30 Hz
 GB: 0
 PC: 1.00

1D NMR plot parameters
 F1: 8.100 ppm
 F2: 3241.05 Hz
 F2P: -40.01 Hz
 PPMCH: 0.27333 ppm/cm
 HZCH: 109.38888 Hz/cm

LJS-29

```

Current Data Parameters
NAME          LJS-29
EXPNO         101
PROCNO        1
F2 - Acquisition Parameters
Date_         20010516
Time          16.19
INSTRUM       spect
PROBHD        5 mm Dui113
PULPROG       zgpg30
TD            65536
SOLVENT       CDCl3
NS            295
DS            2
SWH           31842.13 Hz
FIDRES        0.465043 Hz
AQ            1.0289662 sec
RG            4096
DM            15.700 usec
DE            6.00 usec
TE            300.0 K
D1            2.0000000 sec
D11           0.0200000 sec
D12           0.0000200 sec

===== CHANNEL f1 =====
NUC1          13C
P1            10.50 usec
PL1           -1.00 dB
SFO1         100.6264200 MHz

===== CHANNEL f2 =====
NUC2          1H
P2            105.00 usec
PL2           -2.00 dB
SFO2         400.1464000 MHz

===== CHANNEL f3 =====
NUC3          13C
P3            10.50 usec
PL3           -1.00 dB
SFO3         100.6264200 MHz

===== CHANNEL f4 =====
NUC4          1H
P4            105.00 usec
PL4           -2.00 dB
SFO4         400.1464000 MHz

F2 - Processing parameters
SI            32768
SF            100.617775 MHz
WDW           EM
SSB           0
LB            1.00 Hz
GB            0
PC            1.40

10 NMR plot parameters
CX            30.00 cm
F1P           200.000 DPM
F1F           200.000 MHz
F2P           -5.000 DPM
F2F           -503.06 Hz
PP4MCH       704.28937 Hz/cm
HZCM          704.28937 Hz/cm
  
```


LJS-34

Current Data Parameters
 Name: LJS-34
 ExpNo: 66
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20010612
 Time: 14.43
 INSTRUM: spect
 PRGNAME: zgpg30
 PULPROG: zgpg30
 TO: 65536
 SOLVENT: CDCl3
 NS: 1152
 DS: 2
 SWH: 31947.133 Hz
 FIDRES: 0.000000 Hz
 AQ: 1.0298632 sec
 RG: 3649.1
 DM: 15.700 usec
 DE: 6.00 usec
 TE: 300.0 K
 O1: 2.0000000 sec
 O11: 0.0000000 sec
 O12: 0.0000000 sec

===== CHANNEL f1 =====
 NUC1: 13C
 P1: 10.50 usec
 PL1: -1.00 dB
 SFO1: 100.625459 MHz

===== CHANNEL f2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 P2: 105.00 usec
 PL2: -2.00 dB
 SFO2: 400.1324708 MHz

F2 - Processing parameters
 SI: 32768
 SF: 100.6127290 MHz
 WDW: EM
 SSB: 0
 LB: 1.10 Hz
 GB: 0
 PC: 1.40

10 NMR D1 parameters
 CX: 30.00 cm
 F1P: 205.000 GHz
 F2P: 205.000 GHz
 F2: -503.06 Hz
 PPMCH: 7.00000 ppm/cm
 HZCH: 704.28906 Hz/cm

LJS-139

Current Data Parameters
NAME Jun-02
EXPNO 139
PROCNO 1

F2 - Acquisition Parameters
Date_ 20060624
Time 15:45
INSTRUM spect
PROBHD 5 mm Dual 13
PULPROG zgpg30
TD 65536
SOLVENT DMS-D6
NS 3093
DS 4
SWH 31847.133 Hz
FIDRES 0.465949 Hz
AQ 1.0289602 sec
RG 1149.4
DE 15.700 uSAC
TE 300.0 K
D1 2.00000000 sec
D11 0.03000000 sec
D12 0.00020000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 10.50 uSAC
PL1 2.00 dB
SFO1 100.6264359 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
P2 105.00 uSAC
PL2 2.00 dB
PL3 14.00 dB
PL13 20.00 dB
SFO2 400.1324708 MHz

F2 - Processing parameters
SI 32768
SF 100.6127680 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR Plot Parameters
EX 30.00 cm
F1P 205.000 ppm
F1 1.41
F2P -5.000 ppm
F2 -503.06 Hz
PRGCM 7.00000 ppm/cm
HZCM 704.28937 Hz/cm

CHS-36--1P (R)

CHS-33 (R)

Current Data Parameters
NAME: CHS-33
EXPNO: 14
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20010305
Time: 15.04
INSTRUM: spect
PROBHD: 5 mm DNP-1H
PULPROG: zgpg30
TO: 32768
SOLVENT: CDCl3
NS: 16
DS: 0
SWH: 8232.682 Hz
FIDRES: 0.243882 Hz
AQ: 1.932444 sec
RG: 64
DM: 60.800 usec
DE: 6.00 usec
TE: 300.0 K
D1: 1.00000000 sec

***** CHANNEL f1 *****
NUC1: 1H
P1: 11.00 usec
PL1: -2.00 dB
SFO1: 400.132710 MHz

F2 - Processing parameters
SI: 32768
SF: 400.130624 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

1D NMR plot parameters
CX: 30.00 cm
F1P: 8.100 ppm
F1: 3241.05 Hz
F2P: -0.100 ppm
F2: -40.01 Hz
PQCM: 0.27333 bpm/cm
RDCM: 109.36689 Hz/cm

CHS-33-1P

Current Data Parameters		F2 - Acquisition Parameters	
NAME	mar-01	Date_	20010326
EXNO	150	Time	20.03
PROCNO	1	INSTRUM	spect
		PROBHD	5 mm Dual 13
		NUC1	13C
		SOLVENT	DMSO-d6
		NS	1039
		DS	2
		SHH	31847.133 Hz
		FT/RES	0.465945 sec
		RG	1.000000 sec
		DE	15.700 usec
		TE	6.00 usec
		TD	300.0 K
		DE	2.0000000 sec
		D11	0.0300000 sec
		D12	0.0002000 sec
***** CHANNEL 1: *****			
NUC1	13C		
P1	10.50 usec		
P11	-1.00 dB		
SFO1	100.6254356 MHz		
***** CHANNEL 12 *****			
CPDPRG2	mlw1216		
NUC2	1H		
PCPD2	105.00 usec		
P2	-2.00 dB		
P12	16.00 usec		
SFO2	400.1324708 MHz		
F2 - Processing Parameters			
SF	100.617713 MHz		
SI	32768		
MDM	14		
CHN1	1.00 Hz		
PC	1.40		
10 NMR Data Parameters			
CD	300.00 cm		
CP	200.00 cm		
F1	20655.62 Hz		
F2	-503.06 ppm		
PRCM	7.00000 ppm/cm		
	704.28337 Hz/cm		

CHS-41-1P

CHS-41-1P

Current Data Parameters

NAME	VALUE
EXPNO	2
PROCNO	1

F2 - Acquisition Parameters

Parameter	Value
Date_	20010226
Time	10:27
INSTRUM	spect
PROBHD	5 mm BBI 1H/
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	1024
DS	4
SWH	31446.541 Hz
FIDRES	0.470936 Hz
AQ	1.0420724 sec
RG	812.7
DE	15.900 usec
DM	6.00 usec
TE	300.0 K
D1	2.00000000 sec
D11	0.03000000 sec
D12	0.00020000 sec

===== CHANNEL f1 =====

Parameter	Value
NUC1	¹³ C
P1	10.50 usec
PL1	0.00 dB
SFO1	125.771719 MHz

===== CHANNEL f2 =====

Parameter	Value
CPDPRG2	waltz16
NUC2	¹ H
PCPD2	100.00 usec
PL2	1.00 dB
PL12	23.40 dB
PL13	26.40 dB
SFO2	500.130005 MHz

F2 - Processing parameters

Parameter	Value
SI	32768
SF	125.7577901 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

10 MHz plot parameters

Parameter	Value
CX	20.00 cm
F1P	215.000 ppm
F1	27037.93 Hz
F2P	-5.000 ppm
F2	-628.79 Hz
PPMCM	11.00000 ppm/cm
HZCM	1381.3569 Hz/cm

LKY-736

Current Data Parameters
NAME: apr-02
EXPNO: 160
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20030412
Time: 17.49
INSTRUM: spect
PROBHD: 5 mm QNP1 13
PULPROG: zgpg30
FIDRES: 0.250967 Hz
AQ: 1.992444 sec
SFO: 500.136360 MHz
DM: 60.000 usec
DE: 6.00 usec
TE: 300.0 K
D1: 1.00000000 sec

***** CHANNEL f1 *****
NUC1: 13C
P1: 10.00 usec
PL1: -2.00 dB
SFO1: 400.132410 MHz

F2 - Processing parameters
SI: 36384
SF: 400.130059 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

1D NMR plot parameters
CX: 30.00 cm
CT: 0.000000 sec
FIDP: 3341.05 Hz
F1: -0.100 ppm
F2: -40.01 Hz
PPMCH: 0.27333 ppm/cm
HZCM: 109.36888 Hz/cm

CHS-49-1P

Current Data Parameters

NAME	MR-01
EXPNO	167
PROCNO	1

F2 - Acquisition Parameters

Date_	20010327
Time	17.56
INSTRUM	spect
PROBHD	5 mm Dui 13
PULPROG	zgpg30
TD	65536
SF	400.136050 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

10 NMR plot parameters

CX	30.00 cm
CP	8.100 mm
F1	30.00 MHz
F2	-40.01 Hz
PPMCM	0.27333 ppm/cm
HZCM	109.36888 Hz/cm

***** CHANNEL f1 *****

NUC1	1H
NU2	13C
PL1	-2.00 dB
SFO1	400.136050 MHz

F2 - Processing parameters

SF	400.136050 MHz
SI	16384
SC	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

CHS-49-1P

Current Data Parameters
NAME: mfr-01
EXPNO: 168
PROCNO: 1
F2 - Acquisition Parameters
Date_ : 20030715
Time: 12.40.15
INSTRUM: spect
PROBHD: 5 mm Dual 13
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 2593
DS: 4
SWH: 31447.133 Hz
FIDRES: 0.485949 Hz
AQ: 1.0289652 sec
RG: 1625.5
DE: 15.700 usec
TE: 300.0 K
D1: 2.0000000 sec
D11: 0.0300000 sec
D12: 0.0000200 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 10.50 usec
PL1: -1.50 dB
SFO1: 100.6254980 MHz

===== CHANNEL f2 =====
CPDPRG2: waltz16
NUC2: 1H
P2: 105.00 usec
PL2: -2.00 dB
PL12: 19.00 dB
PL13: 20.00 dB
SFO2: 400.1264708 MHz

F2 - Processing parameters
SI: 32768
SF: 100.6127650 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

10 NMR plot parameters
CX: 30.00 cm
CY: 210.000 cm
F1: 210.618 MHz
F2: -503.06 Hz
FREQ: 7.16667 dm/c
HZCM: 721.05911 Hz/cm

LUS-141

Current Data Parameters
NAME Jun-02
EXPNO 137
PROCNO 1
F2 - Acquisition Parameters
Date_ 20020624
Time 10.08
INSTRUM spect
PROBHD 5 mm QNP13
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 16
DS 0
SWH 8223.665 Hz
FIDRES 0.250967 Hz
AQ 1.5923464 sec
RG 327.68
FM 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
***** CHANNEL f1 *****
NUC1 13C
P1 10.00 usec
PL1 -2.00 dB
SFO1 400.1324710 MHz
F2 - Processing parameters
SI 16384
SF 400.1300061 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
1D NMR plot parameters
C1P 30.00 ppm
F1P 8.400 ppm
F1 3241.05 Hz
F2P -0.100 ppm
F2 -40.01 Hz
PPMCH 0.27233 ppm/cm
HZCM 109.36888 Hz/cm

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Current Data Parameters		F2 - Acquisition Parameters	
MADE	Jun-02	Date_	20020624
BOOK	140	Time	17.10
PROCD	1	INSTRUM	1710
		PROBHD	5 mm Dual 1H/13C
		P1	12.00 sec
		P2	65.56 sec
		TD	CD13
		SOLVENT	2186
		NS	2
		DS	2
		SWH	31847.133 Hz
		AS	100.6254389 MHz
		AD	1.0299656 sec
		R6	2048
		DE	15.700 usec
		DM	6.00 usec
		TE	300.0 K
		T1	2.6000000 sec
		D1	0.0002000 sec
		D12	0.0002000 sec
***** CHANNEL 11 *****			
NUC1	13C		
P1	10.50 usec		
AS	100.6254389 MHz		
***** CHANNEL 12 *****			
CPROG2	waltz16		
NUC2	1H		
PCPD2	105. usec		
P2	10.00 usec		
R6	16.00 usec		
ALP2	-18.00 usec		
ALP3	20.00 usec		
AL13	400.1324708 MHz		
***** CHANNEL 13 *****			
F2 - Processing parameters			
F1	500.1324708 MHz		
F2	100.6254389 MHz		
PCPD	100.6254389 MHz		
PC	1.00 Hz		
LB	1.00 Hz		
GB	1.00 Hz		
PC	1.40		
***** CHANNEL 14 *****			
10 MHz dipole parameters:			
CX	30.00 cm		
F1P	250.000 ppm		
F1	223.141 Hz		
F2P	-5.000 ppm		
F2	-503.00 Hz		
PCPD	7.000 Hz		
PC	754.59564 Hz/cm

Current Data Parameters
NAME: 100-02
EXPNO: 140
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20080624
Time: 13.03
INSTRUM: spect
PROBHD: 5 mm Dui1 13
PULPROG: zg30
TD: 32768
SOLVENT: DMS-d6
NS: 16
DS: 0
SWH: 8000 Hz
FIDRES: 0.250867 Hz
AQ: 1.982344 sec
RG: 362
BW: 60.800 usec
DE: 6.00 usec
TE: 300.0 K
D1: 1.0000000 sec

===== CHANNEL f1 =====
NUC1: 1H
P1: 10.80 usec
PL1: -2.00 dB
SFO1: 400.1324710 MHz

F2 - Processing parameters
SI: 32768
SF: 400.1300075 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

10 NMR plot parameters
CX: 30.00 cm
C1P: 8.100 ppm
F1: 3241.05 Hz
F2: -40.01 Hz
PCHW: 0.27333 dB/cn
RICH: 109.5868 Hz/cn

LJS-142

Current Data Parameters

NAME	166
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Date_	20010224
Time	10.52
INSTRUM	spect
PROBHD	5 mm Bui 13
PULPROG	zgpg30
TD	32768
SOLVENT	CDCl3
NS	16
DS	0
SWH	8223.685 Hz
FIDRES	0.20097 Hz
AQ	1.592344 sec
RG	625
DE	60.00 usec
TE	300.0 K
D1	1.00000000 sec

***** CHANNEL f1 *****

NUC1	1H
P1	11.50 usec
PL1	-2.00 dB
SFO1	400.1326710 MHz

F2 - Processing parameters

SI	16384
SF	400.130151 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

10 MHz plot parameters

CX	30.00 cm
FX	10.500 ppm
FY	420.320 Hz
FZ	420.320 Hz
PC	-200.07 Hz
PRICH	0.36667 ppm/cm
HZCM	146.71434 Hz/cm

LKY-644

Current Data Parameters
 NAME nov-01
 EXPNO 100
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20011113
 Time 20.24
 INSTRUM spect
 PROBHD 5 mm QNP 13
 PULPROG zgpg30
 F1 125.76 MHz
 F2 101.62 MHz
 SOLVENT CDCl3
 NS 5120
 DS 2
 SWH 31847.133 Hz
 FIDRES 0.485949 Hz
 AQ 1.4888952 sec
 RG 1165.2
 DQ 15.00 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.00000000 sec
 D11 0.03600000 sec
 D12 0.0002000 sec
 ***** CHANNEL f1 *****
 NUC1 13C
 P1 10.50 usec
 PL1 -1.00 dB
 SF01 100.6254359 MHz
 ***** CHANNEL f2 *****
 NUC2 1H
 PCPD2 105.00 usec
 PL2 -2.00 dB
 PL12 18.00 dB
 PL13 20.00 dB
 SF02 400.1324708 MHz
 F2 - Processing parameters
 SI 32768
 SF 100.617250 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 1D NMR plot parameters
 CX 30.00 cm
 F1P 240.000 ppm
 F1 24147.05 Hz
 F2P -5.000 ppm
 F2 -503.07 Hz
 PRGCM 8.16657 ppm/cm
 HZCM 82.167065 Hz/cm