Supporting Information

Enantioselective Synthesis of Di-, Tri- and Tetra-Substituted Allenylsilanes

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Copies of the ^1H -NMR spectra as proof of purity for compounds $(\pm)$ -**2c**, $(\pm)$ -**2d**, $(+)$ -(*R*)-**3d**, $(-)$ -(*S*)-**3e**, (*M,S*)-**4a**/*(P,S)*-**4a'**, $(+)$ -(*P*)-**4c**, $(-)$ -(*M*)-**4d**, (*M,S*)-**4f**/*(P,S)*-**4f'**, $(+)$ -(*P*)-**4g**, $(+)$ -(*P*)-**4h**, $(-)$ -(*M*)-**4i**, (*M,S*)-**4k**/*(P,S)*-**4k'**, **7c**, and **7d** that were not characterized by elemental analyses due to their volatility or high reactivity, respectively

Current Data Parameters
NAME G24B02C2.028
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20051113
Time 16:17
INSTRUM a1x300
PROBHD 5 mm BBI 1H-BB
PULPROG zgpg30
TD 65536
SOLVENT 16 CDCl3

NS 2
DS 2
SWH 6218.995 Hz
FIDRES 0.14389 Hz
AQ 5.2691445 sec
RG 1024
DW 80.400 usec
DE 0.00 usec
TE 300.2 K
D1 1.00000000 sec

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

NUC1 1H
P1 6.20 usec
PL1 0.00 dB
SFO1 300.1316512 MHz

F2 - Processing parameters
SI 32768
SF 300.1300705 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Current Data Parameter
NAME G15652C1.12
EXPNO
PROCNO

F2 - Acquisition Param
Date... 2003041
Time 19.2
INSTRUM arx30
PULPROG zg3
TC 3276
NS 1
DS
SH 6250.00
FIDRES 0.19073
D1 1.0000000
P1 7.5
F2 - Processing param
SI 3276
SF 300.130045
WDW E
SSB
LB 0.2
GB
PC 1.0
AQ NMR plot parameters
PRCM 0.3026

2d

3d

F2 - Acquisition P
 Date_ 200
 Time
 INSTRUM a
 PULPROG
 TD
 NS
 DS
 SWH 625
 FIDRES 0.1
 D1 1.000
 P1
 F2 - Processing pa
 SI
 SF 300.13
 MDW
 SS9
 LB
 GB
 PC
 1D NMR plot param
 PRNCH 0.
 HZCN 90.

4a/4a'

EXPNO
 PROCNO
 F2 - Acquisi
 Date_
 Time
 INSTRUM
 PULPROG
 TO
 NS
 DS
 SMH
 FIDRES
 D1
 P1
 F2 - Process
 SI
 SF
 WDW
 SSB
 LB
 GB
 PC
 1D NMR plot
 PRIN
 HZOM

4c

4d

Current Data Param
 NAME G07BG2C
 EXPNO 1
 PROCNO 1
 F2 - Acquisition Param
 Date_ 2203021
 Time 14.41
 INSTRUM av3
 PROBHD 5 mm BB
 PULPROG zgpg30
 TD 65536
 SOLVENT C6
 NS 16
 DS 2
 SWH 62.890
 FIDRES 0.16435
 AQ 5.2891445
 RG 406.4
 DW 80.4001
 DE 6.00 us
 TE 300.2 K
 D1 1.0000000
 CHANNEL
 NUC1 1H
 P1 11.00 us
 PL1 0.00 dB
 SFO1 300.13165
 F2 - Processing param
 SI 32768
 SF 300.1300287
 WDW EM
 SSF 0
 LB 0.30 Hz
 GB 0
 PC 1.00

ORIGINAL DATA
NAME
EXONO
PROCNO

F2 - ACQUIS:

Date
Time
INSTRUM
PULPROG
TD
NS
DS
SMH
FIDRES
D1
P1

F2 - Process

SI
SF
WDW
SSB
LB
GB
PC

10 MMR plot 1

PRMCM
HZCM

49

NAME QJ30621.102
EXPNO 5
PROCNO 1

F2 - Acquisition Param

Date_ 20030116
Time 16:28
INSTRUM arx300
PULPROG zg30
TD 32768
NS 16
DS 2
SWH 6250.000
FIDRES 0.190735
D1 1.00000000
P1 7.50

F2 - Processing param:

SI 32768
SF 300.1299063
WDW EM
SSB 0
LB 0.20
GB 0
PC 1.00

10 NMR plot parameters

PPMCH 0.30263
HZCM 90.82879

4h

Current Data Params
NAME: G22BG2C0
EXPNO: 1
PROCNO: 1

F2 - Acquisition Pa
Date_: 2003
Time: 1
INSTRUM: ar
PULPROG: zgpg30
TD: 3

NS: 1024
DS: 4
SWH: 6250
FIDRES: 0.19
D1: 1.0000
P1: 0.0000

F2 - Processing par
SI: 32768
SF: 300.125
WDW: EM
SSB: 0
LB: 0
GB: 0
PC: 1

1D NMR plot paramet
PPM0: 0.3K
HZ0: 90.85

G22BG2C0.134 in C6D6

42

Current Data File
NAME 92481
EXPNO 1
PROCNO 1

F2 - Acquisition
Date_
Time
INSTRUM
PULPROG
TD
NS
DS
SWH
FIDRES
D1
P1

F2 - Processing
SI
SF 300.
WDW
SSB
LB
GB
PC

10 NMR plot para
PPMCH
HZCH

4k

Current Data Paramet
NAME G348G2C2.
EXPNO
PROCNO

F2 - Acquisition Par	
Date_	2020
Time	20
INSTRUM	arx
PULPROG	Z
ITD	32
INS	
DS	
SMH	6250.
FIRES	0.190
D1	1.00000
I1	7

F2 - Processing para
SI 32
87 300.1300

10 NMR plot paramete	
PPMCM	0.30
HZCM	90.82

74

Current: Data Pa
NAME G11B
EXPNO
PROCNO

F2 - Acquisition
Date_ ;
Time

INSTRUM
PULPROG

TD
NS
DS
SWH
FIDRES
D1
P1

F2 Processing
SI
SF
WDW
SSB
LB
GB
PC

10 MMR plot para
PRACH
H2ON

9

7d