Supporting Information

Heck–Suzuki–Miyaura Domino Reactions involving Ynamides. An Efficient Access to 3-(arylmethylene)isoindolinones

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5a

AV010S.104
 AU PROG:
 X00.AU
 DATE 1-4-3
 SF 300.133
 SY 299.0
 O1 5173.724
 SI 32768
 TD 32768
 SW 6024.096
 HZ/PT 368
 PW 0.0
 RD 0.0
 AQ 2.720
 RG 32
 NS 16
 TE 2.17
 FW 7600
 O2 3200.000
 DP 63L P0
 LB 300
 GB 0.0
 CX 33.33
 CY 22.00
 F1 9.200P
 F2 -.800P
 HZ/CM 90.051
 PPM/CM 300
 SR 3369.88

5b

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JA1905.120
 AU PROG:
 X00.1U
 DATE 19-1-4
 SF 300.133
 SY 299.0
 O1 5173.724
 SI 32768
 TD 32768
 SW 6024.096
 HZ/PT .368
 PW 0.0
 RD 0.0
 AQ 2.720
 RG 32
 NS 32
 TE 297
 FW 7600
 O2 3200.000
 DP 63L P0
 LB .300
 GB 0.0
 CX 33.33
 CY 22.00
 F1 9.200P
 F2 .800P
 HZ/CM 90.051
 PPM/CM .300
 SR 3368.77

2

5c

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MI140S.108
 AU PROG:
 X00.AU
 DATE 14-5-3
 SF 300.133
 SY 299.0
 O1 5173.724
 SI 32768
 TD 32768
 SW 6024.096
 HZ/PT 368
 PW 0.0
 RD 0.0
 AG 2.720
 RG 10
 NS 32
 TE 297
 FW 7600
 O2 3200.000
 DP 63L P0
 LB 300
 GB 0.0
 CX 33.33
 CY 22.00
 F1 9.200P
 F2 8.800P
 HZ/CM 90.051
 PPM/CM 300
 SR 3365.10

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5d

NV100S	.105
AU PROG:	
X00.AU-	
DATE 10-11-83	
SF	300.133
SY	299.0
OY	5173.724
SI	32768
ID	32768
SW	6024.096
HZ/PT	.368
PW	0.0
RD	0.0
AQ	2.720
RG	32
NS	32
TE	297
FW	7600
D2	3200.000
OP	63L P0
LB	.300
GB	0.0
CX	33.33
CY	22.00
F1	9.200P
F2	- .800P
HZ/CM	90.051
PPM/CM	.300
SR	3361.79

Current Data Parameters
NAME 20040413
EXPNO 140
PROCNO 1

F2 - Acquisition Parameters
Date_ 20040413
Time_ 18.15
INSTRUM spect
PROBHD 5 mm Dual 13C/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 64
DS 2
SWH 6172.839
FIDRES 0.188380
AQ 2.6542580
RG 362
DW 81.000
DE 10.00
TE 295.8
D1 3.00000000
MCREST 0.00000000
MCTPRK 0.01500000

===== CHANNEL f1 =====
NUC1 13
P1 8.10
PL1 -5.00
SFO1 300.1318534

F2 - Processing parameters
SI 16384
SF 300.1300066
WDW EM
SSB 0
LB 0.30
GB 0
PC 1.00

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OC2105.124
 AU PROG:
 X00.AU
 DATE 21-10-3
 SF 300.133
 SY 299.0
 Q1 5173.724
 SI 32768
 ID 32768
 SW 6024.096
 HZ/PT .368
 PW 0.0
 RD 0.0
 AQ 2.720
 RG 16
 NS 32
 TE 297
 FW 7600
 O2 3200.000
 DP 63L P0
 LB .300
 GB 0.0
 CX 33.33
 CY 22.00
 F1 9.200P
 F2 -.800P
 HZ/CM 90.051
 PPM/CM .300
 SR 3373.19

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JA210S.121
 AU PROG:
 X00 AU
 DATE 21-1-4
 SF 300.133
 SY 299.0
 O1 5173.724
 SI 32768
 TD 32768
 SW 6024.096
 HZ/PT .368
 PW 0.0
 RD 0.0
 AQ 2.720
 RG 32
 NS 32
 TE 297
 FW 7600
 O2 3200.000
 DP 63L P0
 LB .300
 GB 0.0
 CX 33.33
 CY 22.00
 F1 9.200P
 F2 -800P
 HZ/CM 90.051
 PPM/CM .300
 SR 3368.77

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Current Data Parameters
 NAME 20040414
 EXPNO 70
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20040414
 Time_ 12.30
 INSTRUM spect
 PROBED 5 mm Dual 13C/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2
 SWE 6172.839
 FIDRES 0.188390
 AQ 2.6342580
 RG 181
 DW 81.000
 DE 10.00
 TE 295.5
 D1 3.00000000
 MCOREST 0.00000000
 MCNEX 0.01500000
 ===== CHANNEL f1 =====
 NUC1 1H
 P1 8.10
 PL1 -5.00
 SFO1 300.1318534
 F2 - Processing parameters
 SI 16384
 SF 300.1300068
 WDW EM
 SSB 0
 LB 0.30
 GB 0
 PC 1.00

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NV1205.129
 AU PROG:
 X00.AU
 DATE 12-11-3
 SF 300.133
 SY 299.0
 O1 5173.724
 SI 32768
 TD 32768
 SW 6024.096
 HZ/PT .368
 PW 0.0
 RD 0.0
 AQ 2.720
 RG 40
 NS 32
 TE 297
 FM 7600
 O2 3200.000
 DP 63L P0
 LB .300
 GB 0.0
 CX 33.33
 CY -2.00
 F1 9.200P
 F2 -800P
 HZ/CM 90.051
 PPM/CM .300
 SR 3368.04

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JA120S.128
 AU PROG:
 X00.AU
 DATE 12-1-4
 SF 300.133
 SY 299.0
 O1 5173.724
 SI 32768
 TD 32768
 SW 6024.096
 HZ/PT .368
 PW 0.0
 RD 0.0
 AQ 2.720
 RG 40
 NS 32
 TE 297
 FW 7600
 O2 3200.000
 DP 63L P0
 LB .300
 GB 0.0
 CX 33.33
 CY 22.00
 F1 9.200P
 F2 -.800P
 HZ/CM 90.051
 PPM/CM .300
 SR 3366.20

10

Current Data Parameters
 NAME 20040413
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20040413
 Time 16.16
 INSTRUM spect
 PROBED 5 mm Dual 13C/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 6172.839
 FIDRES 0.188380
 AQ 2.6542580
 RG 287.4
 DW 81.000
 DE 10.00
 TE 295.8
 D1 3.00000000
 MCREST 0.00000000
 MCHCK 0.01500000

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.10
 PL1 -5.00
 SFO1 300.1318534

F2 - Processing parameters
 SI 16384
 SF 300.1300089
 WDW EM
 SSF 0
 LB 0.30
 GB 0
 PC 1.00

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Current Data Parameters
 NAME 20040525
 EXPNO 190
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20040525
 Time_ 13.07
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl₃
 NS 16
 DS 2
 SWH 6172.839
 FIDRES 0.188380
 AQ 2.6942580
 RG 181
 DW 81.000
 DE 10.00
 TE 295.4
 D1 3.0000000
 MCREST 0.0000000
 MCWRR 0.0150000
 ===== CHANNEL f1 =====
 NUC1 13
 P1 8.10
 PL1 -5.00
 SFO1 300.1318534
 F2 - Processing Parameters
 SI 16384
 SF 300.1300129
 WDW EM
 SSB 0
 LB 0.30
 GB 0
 PC 1.00

Current Data Parameters
 NAME 20040525
 XTMO 180
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20040525
 Time_ 12.59
 INSTRUM spect
 PROBED 5 mm Dual 13C/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2
 SWE 6172.839
 FIDRES 0.188380
 AQ 2.6542580
 RG 406.4
 DW 81.000
 DE 10.00
 TE 295.4
 D1 3.00000000
 MCRST 0.00000000
 MCRX 0.01500000
 ===== CHANNEL f1 =====
 NUC1 13
 P1 8.10
 PL1 -5.00
 SFO1 300.1318534
 F2 - Processing Parameters
 SI 16384
 SF 300.1300083
 WDW EM
 SSB 0
 LB 0.30
 GB 0
 PC 1.00

13

Current Data Parameters
 NAME 20040524
 EXPNO 310
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20040524
 Time_ 15.52
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 6172.839
 FIDRES 0.188380
 AQ 2.6542580
 RG 181
 DW 81.000
 DE 10.00
 TE 295.3
 D1 3.00000000
 MCOREST 0.00000000
 MCOREK 0.01500000
 ===== CHANNEL f1 =====
 NUC1 13
 P1 8.10
 PL1 -5.00
 SFO1 300.1318534
 F2 - Processing Parameters
 SI 16384
 SF 300.1300023
 NW 54
 SSB 0
 LB 0.30
 GB 0
 PC 1.00

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