Supporting Information for

**Regioselective Synthesis of Substituted Pyrroles: Efficient Palladium-Catalyzed Cyclization
of Internal Alkynes and 2-Amino-3-Iodoacrylate Derivatives**

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SPECTRA

Tube # 1963 in position 12 Jul 26, 2006
 Expt: H1 32 scans in dmso

pad=10 run with gradehim before acquisition
 Acquisition finished at 10:37 EDT on Wed Jul 26, 2006

Automation directory: /export/home/vnarl/vnmrsys/autorun/
 File : 1202

Pulse Sequence: s2pul

Tube # 1963 in position 12 Jul 26, 2006
 Expt: Quick C13 in dmso

Acquisition finished at 10:41 EDT on Wed Jul 26, 2006

Automation directory: /export/home/vnarl/vnmrsys/autorun/
 File : 1203

Pulse Sequence: s2pul

4a

Tube # 1994 in position 1 Jul 26, 2006
Expt: H1 32 scans in dmsc

pad-10 run with gradshim before acquisition
Acquisition finished at 17:14 EDT on Wed Jul 26, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 0104

Pulse Sequence: s2pul

Tube # 1270 in position 14 Jul 05, 2006
Expt: Quick C13 in dmsc

pad-10 run with gradshim before acquisition
Acquisition finished at 11:26 EDT on Wed Jul 05, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1402

Pulse Sequence: s2pul

Tube # 2166 in position 14 Aug 01, 2006
Expt: H1 32 scans in dmsc

pad-10 run with gradshim before acquisition
Aquisition finished at 13:33 EDT on Tue Aug 01, 2006

Automation directory: /export/home/vnmr1/vnmrsw/autorun/
File : 1406

Pulse Sequence: e2pul

Tube # 2217 in position 14 Aug 02, 2006
Expt: Quick C13 in dmsc

Aquisition finished at 14:27 EDT on Wed Aug 02, 2006

Automation directory: /export/home/vnmr1/vnmrsw/autorun/
File : 1404

Pulse Sequence: e2pul

5a

Tube # 2312 in position 12 Aug 04, 2006
Expt: H1 32 scans in dmso

pad-10 run with gradahim before acquisition
Aquisition finished at 14:33 EDT on Fri Aug 04, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1204

Pulse Sequence: e2pul

Tube # 2312 in position 12 Aug 04, 2006
Expt: Quick C13 in dmso

Aquisition finished at 14:37 EDT on Fri Aug 04, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1204

Pulse Sequence: e2pul

5d

Tube # 2217 in position 14 Aug 02, 2006
Expt: H1 32 scans in dmsc

pad-10 run with gradshim before acquisition
Aquisition finished at 14:22 EDT on Wed Aug 02, 2006

Automation directory: /export/home/vnmr1/vnmrns/autorun/
File : 1403

Pulse Sequence: e2pul

Tube # 2217 in position 14 Aug 02, 2006
Expt: Quick C13 in dmsc

Aquisition finished at 14:27 EDT on Wed Aug 02, 2006

Automation directory: /export/home/vnmr1/vnmrns/autorun/
File : 1404

Pulse Sequence: e2pul

5e

Tube # 2134 in position 7 Jul 31, 2006

Expt: H1 32 scans in dmsc

pad-10 run with gradshim before acquisition

Acquisition finished at 17:43 EDT on Mon Jul 31, 2006

Automation directory: /export/home/vnarl/vnmrns/autorun/

File : 0704

Pulse Sequence: s2pul

Tube # 2134 in position 7 Jul 31, 2006

Expt: Quick C13 in dmsc

Acquisition finished at 17:48 EDT on Mon Jul 31, 2006

Automation directory: /export/home/vnarl/vnmrns/autorun/

File : 0705

Pulse Sequence: s2pul

4f

Tube # 2354 in position 4 Aug 07, 2006
 Expt: H1 32 scans in dmsc
 pad-10 run with gradshim before acquisition
 Acquisition finished at 15:54 EDT on Mon Aug 07, 2006
 Pulse Sequence: s2pul

Tube # 2354 in position 4 Aug 07, 2006
 Expt: Quick C13 in dmsc
 Acquisition finished at 15:59 EDT on Mon Aug 07, 2006
 Automation directory: /export/home/vnmr1/vnmrpy/autorun/
 File : 0406
 Pulse Sequence: s2pul

Tube # 2515 in position 19 Aug 11, 2006
Expt: H1 32 scans in dmsc

pad-10 run with gradshim before acquisition
Acquisition finished at 11:33 EDT on Fri Aug 11, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1902

Pulse Sequence: s2pul

Tube # 2515 in position 19 Aug 11, 2006
Expt: Quick C13 in dmsc

Acquisition finished at 11:37 EDT on Fri Aug 11, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1903

Pulse Sequence: s2pul

5h

Tube # 2322 in position 22 Aug 07, 2006

Expt: H1 32 scans in dmso

pad-10 run with gradshim before acquisition

Acquisition finished at 09:40 EDT on Mon Aug 07, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/

File : 2203

Pulse Sequence: e2pul

Tube # 2322 in position 22 Aug 07, 2006

Expt: Quick C13 in dmso

Acquisition finished at 09:44 EDT on Mon Aug 07, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/

File : 2204

Pulse Sequence: e2pul

5i

06-1072-1NH AN#106-3646 CR#344369
41072 c1a4 H1 OpenAccess Data
Run Date: August 07, 2006 01:14:48

oldtext
crawlcm A1972
LELN00005-55

Tube # 2314 in position 14 Aug 05, 2006
Expt: H1 32 scans in dmso

pad=10 run with gradahim before acquisition
Acquisition finished at 01:05 EDT on Mon Aug 07, 2006

Tube # 2314 in position 14 Aug 05, 2006
Expt: Quick C13 in dmso
Acquisition finished at 01:09 EDT on Mon Aug 07, 2006

Automation directory: /export/home/vnmr1/vnmrpy/autorun/
File: 1404

Pulse Sequence: s2pul

4j

Tube # 2562 in position 16 Aug 14, 2006
 Expt: H1 32 scans in dmsc
 pad-10 run with gradshim before acquisition
 Acquisition finished at 17:09 EDT on Mon Aug 14, 2006
 Pulse Sequence: e2pul

Tube # 2562 in position 16 Aug 14, 2006
 Expt: Quick C13 in dmsc
 Acquisition finished at 17:13 EDT on Mon Aug 14, 2006
 Automation directory: /export/home/vnarl/vnmrpy/autorun/
 File: 1605
 Pulse Sequence: e2pul

5j

Tube # 2559 in position 12 Aug 14, 2006
Expt: H1 32 scans in dmsc

pad-10 run with gradshim before acquisition
Aquisition finished at 16:26 EDT on Mon Aug 14, 2006

Pulse Sequence: e2pul

Tube # 2559 in position 12 Aug 14, 2006
Expt: Quick C13 in dmsc

Aquisition finished at 16:31 EDT on Mon Aug 14, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1206

Pulse Sequence: e2pul

4k

Tube # 2046 in position 19 Jul 27, 2006
Expt: H1 32 scans in dmso

pad=10 run with gradshim before acquisition
Acquisition finished at 15:55 EDT on Thu Jul 27, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1903

Pulse Sequence: s2pul

Tube # 2046 in position 19 Jul 27, 2006
Expt: Quick C13 in dmso

Acquisition finished at 16:00 EDT on Thu Jul 27, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1904

Pulse Sequence: s2pul

Tube # 3245 in position 12 Sep 06, 2006
 Expt: H1 32 scans in edcl3
 pad-10 run with gradahim before acquisition
 Acquisition finished at 13:18 EDT on Wed Sep 06, 2006
 Automation directory: /export/home/vnmr1/vnmrsys/autorun/
 File : 1203
 Pulse Sequence: s2pul

06-4771-INC AN#I06-4174 CR#351761
 7877 c4a3 C13 on Varian INOVA 400
 Archive Date: Sep 12 06:08:31
 Automation directory: /export/home/vnmr1/vnmrsys/autorun/
 File : 6303
 Pulse Sequence: s2pul

Tube # 3274 in position 16 Sep 06, 2006
Expt: H1 32 scans in dmsc

pad=10 run with gradshim before acquisition
Aquisition finished at 18:28 EDT on Wed Sep 06, 2006

Automation directory: /export/home/vnmr1/vnmrsys/autorun/
File : 1604

Pulse Sequence: s2pul

06-4713-INC AN#106-4190 CR#351834
7521 c4a3 C13 on Varian INOVA 400

Archive Date: Sep 8 09:13:57

Rephased, lb = 0.25 Hz to see two
methyls on the propyl chains:
Archive Date: Sep 8 10:58:43

Pulse Sequence: s2pul

5i

5i

5j

Analytical# I06-3810
 Logbook# 06-4927-INZ
 Analyst IG

5j

Analytical# I06-3810
 Logbook# 06-4927-INZ
 Analyst IG

5j

5j

4k

Sample: R342504_08Aug2006

Filename: NOESY

Directory: /export/home/vnmr1/vnmrsys/data/R342504_08Aug2006
 or1/vnmr050/data

6

4k

Sample: R342504_08Aug2006

Filename: gHMBC

Directory: /export/home/vnmr1/vnmrsys/data/R342504_08Aug2006

port/home/vnmr1/vnmrsgs/data

504_08Aug2006

Filename: gHSQC

E