– Supporting Material –

**Synthesis of Amphiphilic Asymmetrical Dithienylethenes with Aryl
Groups at the Reactive Carbons**

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¹H NMR spectrum of compound 2

¹³C NMR spectrum of compound 2

¹H NMR spectrum of compound 4

¹³C NMR spectrum of compound 4

¹H NMR spectrum of compound 5

¹³C NMR spectrum of compound 5

¹H NMR spectrum of compound 6

¹³C NMR spectrum of compound 6

¹H NMR spectrum of compound 7

¹³C NMR spectrum of compound 7

¹H NMR spectrum of compound 8

¹³C NMR spectrum of compound 8

¹H NMR spectrum of compound 9

¹³C NMR spectrum of compound 9

¹H NMR spectrum of compound 10

¹³C NMR spectrum of compound 10

¹H NMR spectrum of compound 11

¹³C NMR spectrum of compound 11

¹H NMR spectrum of compound 12

^{13}C NMR spectrum of compound 12

¹H NMR spectrum of compound 13

¹³C NMR spectrum of compound 13

¹H NMR spectrum of compound 14

¹³C NMR spectrum of compound 14

¹H NMR spectrum of compound 15

¹³C NMR spectrum of compound 15

¹H NMR spectrum of compound 16

¹³C NMR spectrum of compound 16

¹H NMR spectrum of compound 17

¹³C NMR spectrum of compound 17

¹H NMR spectrum of compound 18

¹³C NMR spectrum of compound 18

x10³ Intensity (311878)

+TOF MS: 7.851 to 8.934 min from JS116 DTE Charged.wiff
a=3.56733330913309910e-004, t0=-3.32487546178635970e+001

Max: 821.3 counts.

File:11_73 Ident:28_35-3 Win 100PPM Acq:14-MAR-2011 09:36:10 +6:54 Cal:11_73C_1

70SE EI+ Magnet BpM:58 BpI:6990796 TIC:58962360 Flags:ACC

File Text:RES 10,000 SAMPLE = JC110303

File:11_179 Ident:42_45-2 Win 100PPM Acq:10-MAY-2011 14:02:42 +9:33 Cal:11_179C_1
70SE EI+ Magnet BpM:58 BpI:8364032 TIC:43480464 Flags:ACC
File Text:RES 10,000 SAMPLE = JC110506-001

x10³ Intensity (21553)

HRMS of compound 7

$\times 10^3$ Intensity (163771)

x10³ Intensity (73198)

HRMS of compound 9

x10³ Intensity (21048)

HRMS of compound 10

x10³ Intensity (33201)

HRMS of compound 12

$\times 10^3$ Intensity (34113)

HRMS of compound 13

x10³ Intensity (30682)

HRMS of compound 14

File:11_182 Ident:40_48-15 Win 100PPM Acq:10-MAY-2011 15:26:58 +9:27 Cal:11_181

70SE EI+ Magnet BpM:586 BpI:702214 TIC:9521456 Flags:ACC

File Text:RES 10,000 SAMPLE = JC110506-004

File:11_183 Ident:110_115-52_54 Win 100PPM Acq:11-MAY-2011 09:21:34 +24:18 Cal:11_183

70SE EI+ Magnet BpM:628 BpI:2212614 TIC:12828286 Flags:ACC

File Text:RES 10,000 SAMPLE = JC110506-005

File:11_184B Ident:25_28 Win 100PPM Acq:11-MAY-2011 13:48:03 +15:23 Cal:11_184B

70SE EI+ Magnet BpM:854 BpI:3090624 TIC:9759773 Flags:ACC

File Text:RES 10,000 SAMPLE = JC110506-006

File:11_180 Ident:65_69-91 Win 100PPM Acq:10-MAY-2011 14:18:00 +14:27 Cal:11_179C_1
70SE EI+ Magnet BpM:58 BpI:7305268 TIC:26439720 Flags:ACC
File Text:RES 10,000 SAMPLE = JC110506-002