

Figure S1. Secondary non-covalent interactions in A8 leading to supramolecular structure.

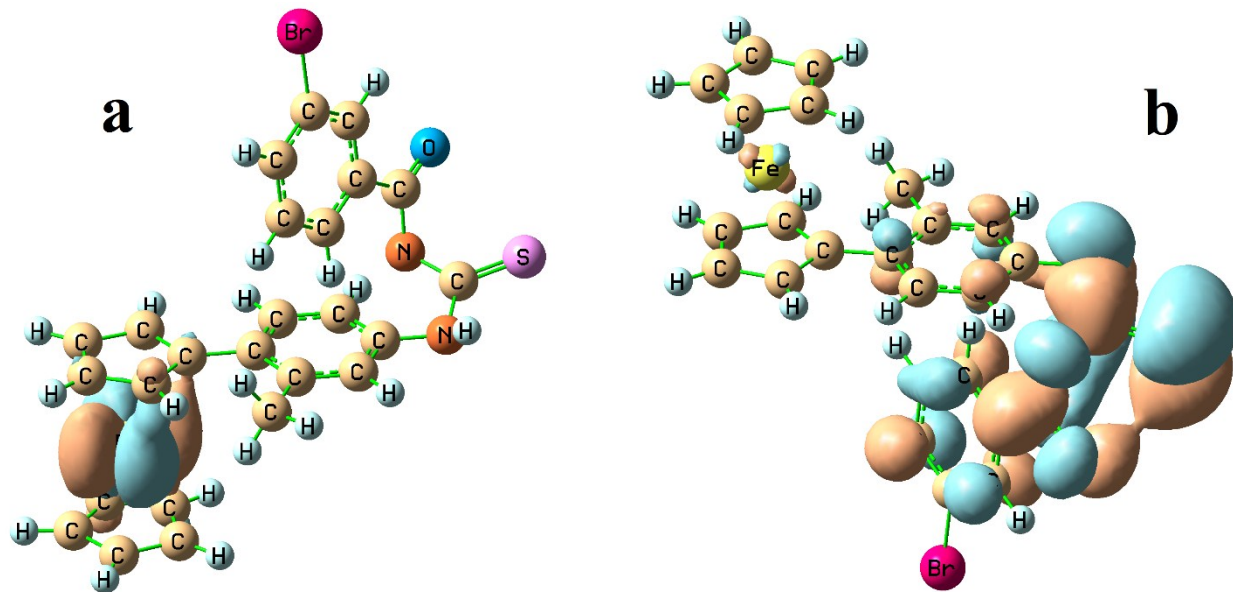


Figure S2. (a) Representative graphical demonstration of HOMO of A5. (b) Representative graphical demonstration of LUMO orbitals of A5.

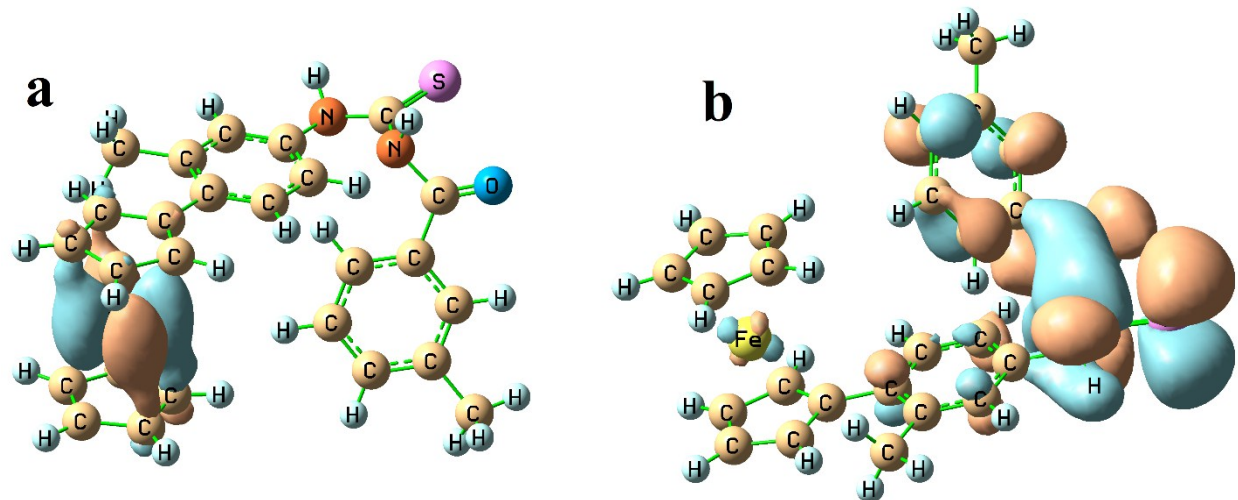


Figure S3. (a) Representative graphical demonstration of HOMO of **A8**. (b) Representative graphical demonstration of LUMO orbitals of **A8**.

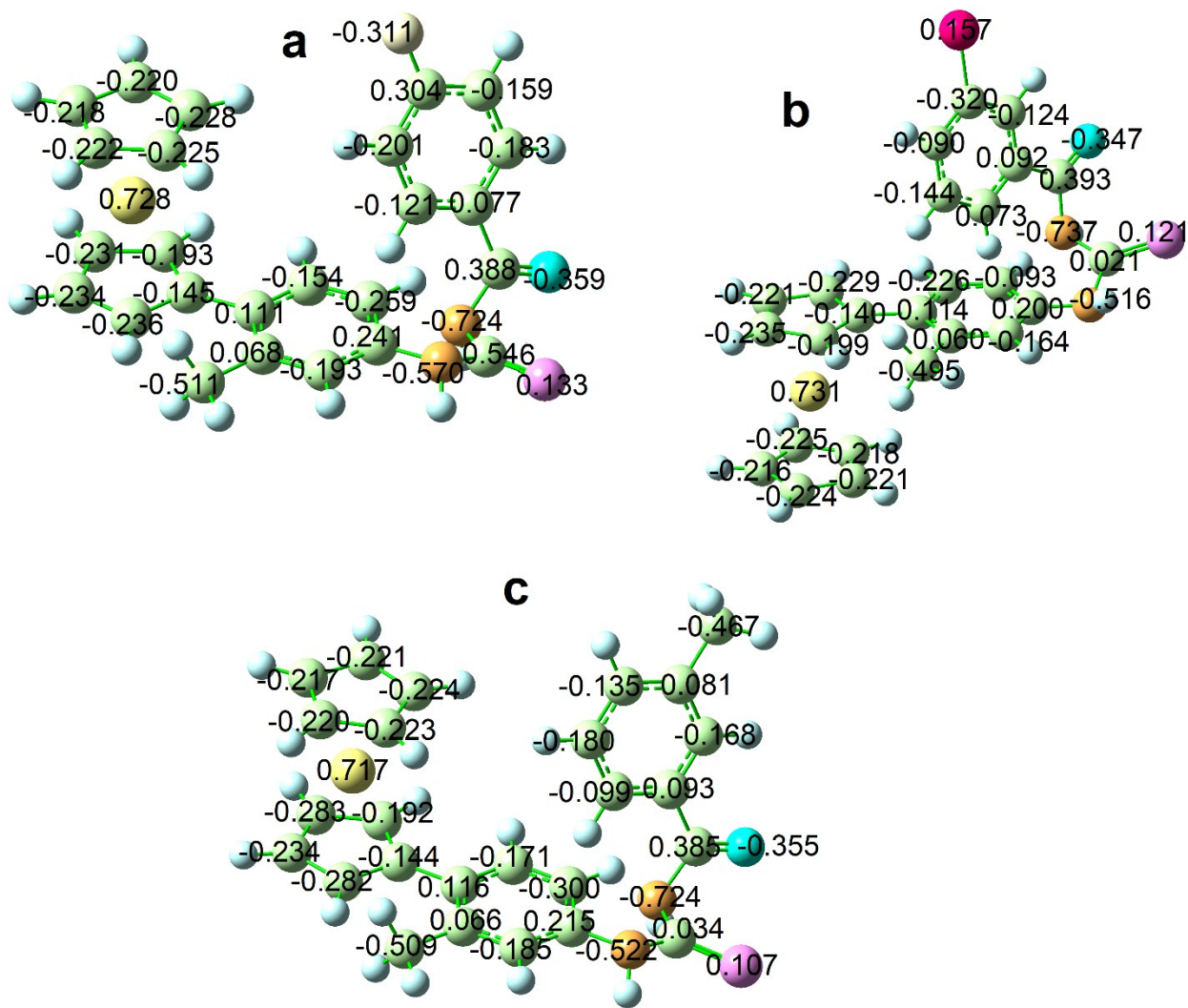


Figure S4. Graphical representation of charge distribution on the molecular structures (a) **A3**, (b) **A5**, and (c) **A8**.

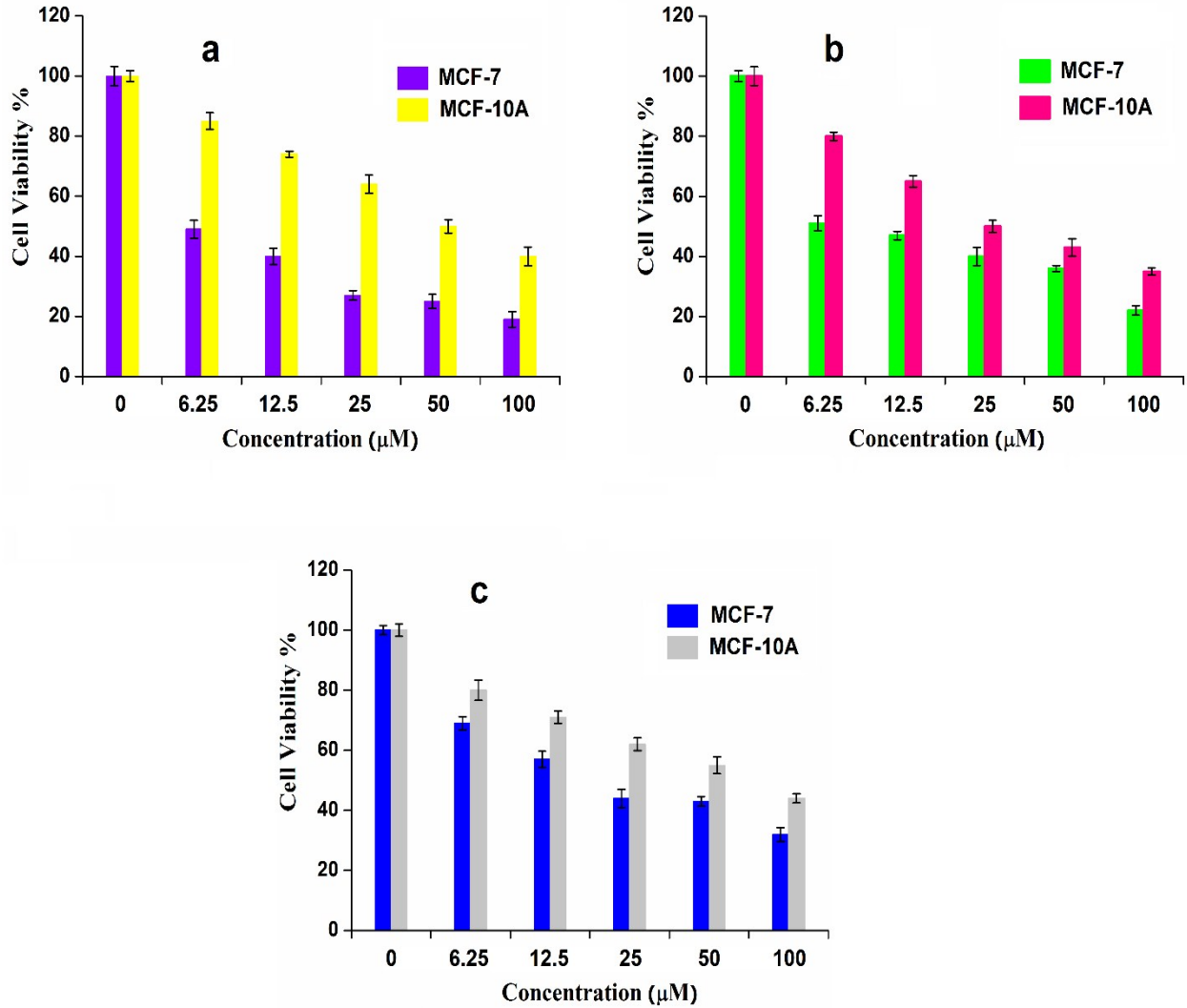


Figure S5. Cell viability (%) of cancerous and non-cancerous cells at various concentrations of (a) **A3**, (b) **A5**, and (c) **A8**, after 72 h of incubation.

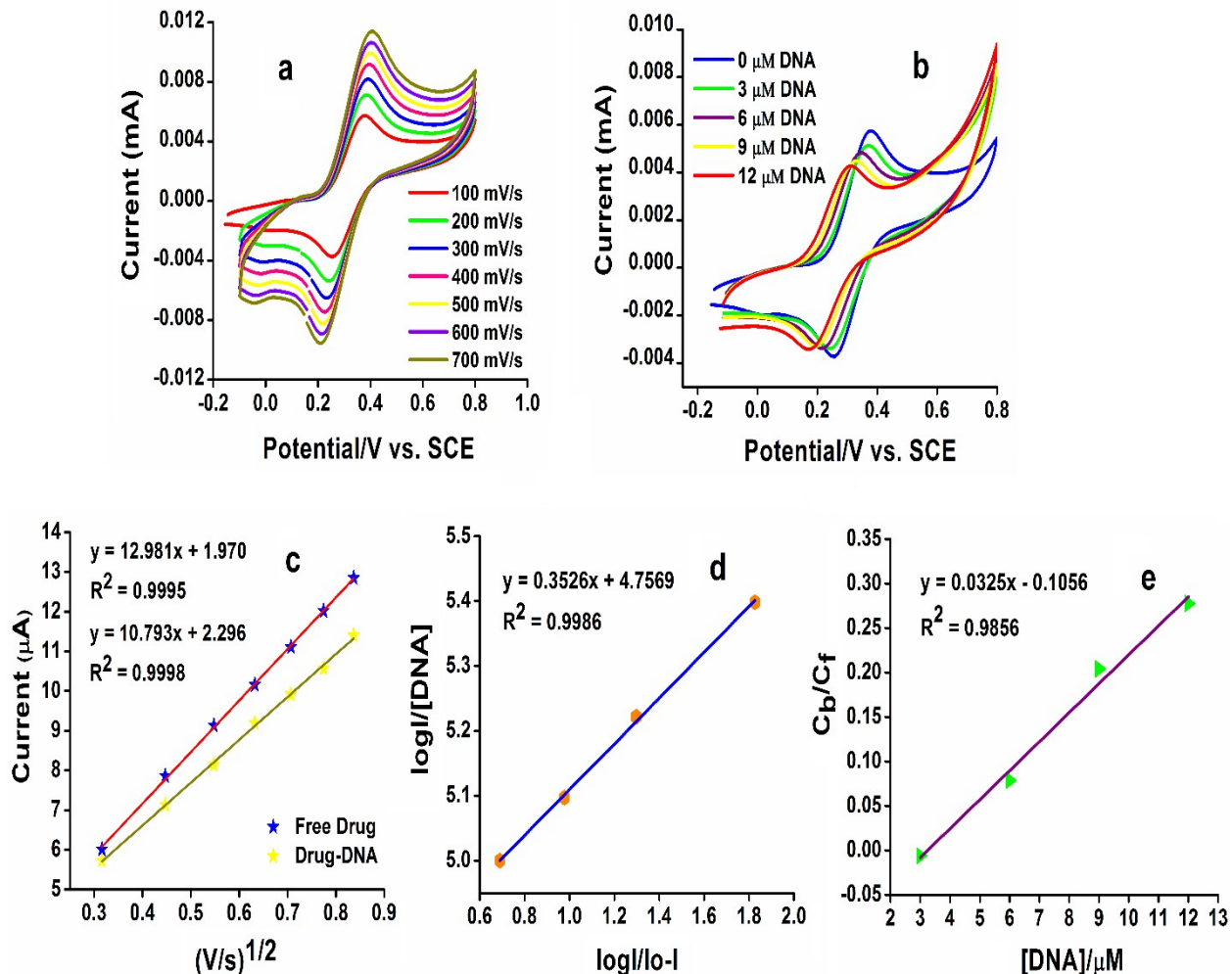


Figure S6. (a) Representative plots of Current vs. Potential/V (SCE) at different scan rates for **A8**. (b) Cyclic voltammogram of 1 mM **A8** with 1 mL of 0.5 M TBAP as supporting electrolyte in the absence and presence of 3-12 μM DNA showing a decrease in I from I_0 and a concentration dependent -ve shift in potential showing electrostatic interactions. (c) Representative plot of current vs. $(V/s)^{1/2}$, for the determination of diffusion coefficient of free **A8** and **A8**-3 μM DNA. (d) Representative plot of $\log(I/I_0 - I)$ vs. $\log(1/[DNA])$ for determination of binding constant of **A8**. (e) Plot of C_b/C_f vs. $[DNA]/\mu M$ for determination of binding site size of 3-12 μM DNA concentrations **A8**.

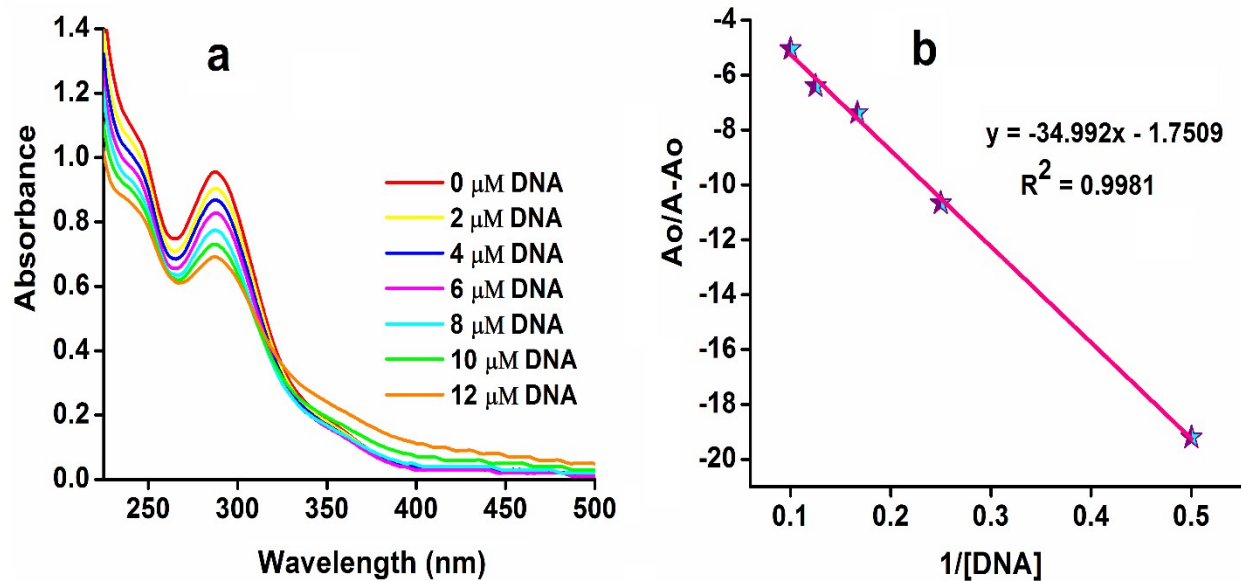


Figure S7. (a) Representative plots of absorbance vs. wavelength of 25 μM **A8** in ethanol with increasing concentration of DNA (2-12 μM). (b) Plot of $A_0/A - A_0$ vs. $1/[DNA]$ for determination of DNA binding constant of **A8**.

Table S1. Selected bond lengths [\AA] and angles [$^\circ$] for **A8**.

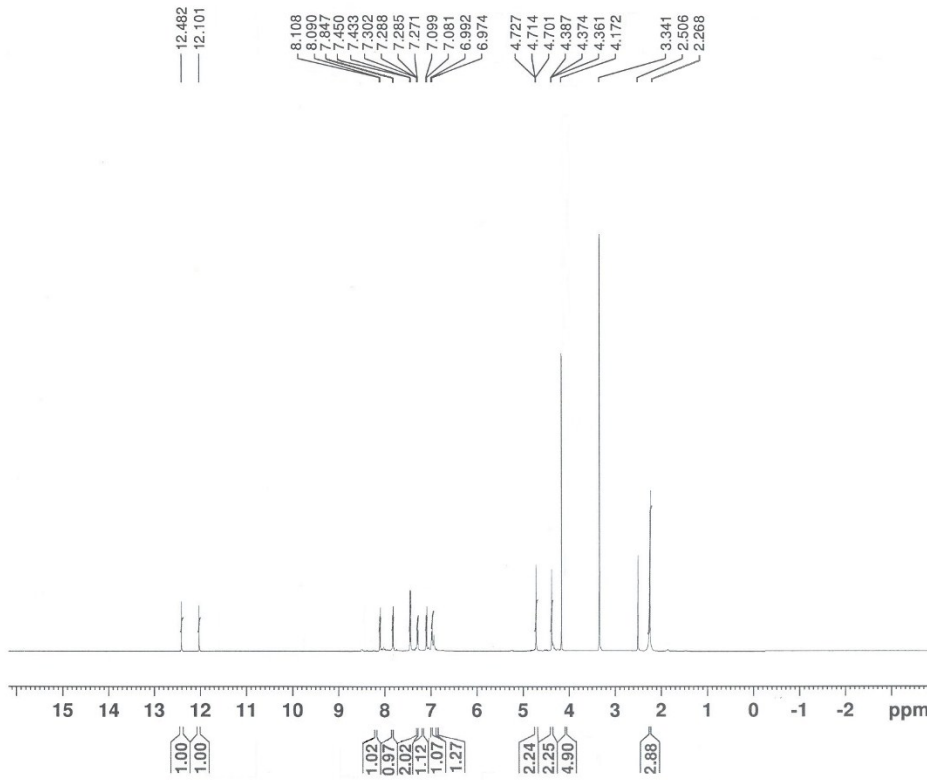
Bond Lengths (\AA)	
C(1)-C(2)	1.408(3)
C(6)-C(7)	1.415(3)
Fe(1)-C(5)	2.042(2)
Fe(1)-C(10)	2.056(17)
C(10)-C(11)	1.479(2)
C(11)-C(12)	1.392(2)
C(11)-C(16)	1.399(2)
N(1)-C(14)	1.423(2)
N(1)-C(18)	1.324(2)
S(1)-C(18)	1.659(18)
N(2)-C(18)	1.392(2)
N(2)-C(19)	1.377(2)
O(1)-C(19)	1.217(2)
C(19)-C(20)	1.486(2)
C(22)-C(26)	1.502(3)

Bond Angles ($^\circ$)	
C(1)-C(2)-Fe(1)	40.47(9)
C(6)-C(7)-Fe(1)	40.82(8)
C(9)-C(10)-C(11)	127.6(17)
C(10)-C(11)-C(12)	119.8(15)
C(11)-C(16)-C(17)	123.2(15)
C(15)-C(16)-C(17)	118.2(15)
N(1)-C(14)-C(15)	116.6(15)
C(14)-N(1)-C(18)	127.9(15)
N(1)-C(18)-S(1)	126.4(13)
N(2)-C(18)-S(1)	118.2(12)
N(1)-C(18)-N(2)	115.4(15)
C(18)-N(2)-C(19)	128.2(14)
N(2)-C(19)-O(1)	122.7(16)
N(2)-C(19)-C(20)	115.9(15)
C(19)-C(20)-C(25)	117.1((16)
C(21)-C(22)-C(26)	120.9(19)

Table S2. The intramolecular and intermolecular hydrogen bond interactions in **A8**.

H-Bonding	D	H	A	d(D-H)/Å	d(H-A)/Å	d(D-A)/Å	D-H-A/°
Intramolecular	N1	H1A	O1	0.86	1.98	2.646(2)	133.6
Intermolecular	N1	H1A	O1	0.86	2.54	3.254(2)	141.4
Intermolecular	N2	H2A	S1	0.86	2.90	3.759(15)	175.5

¹H-NMR Spectrum of A1



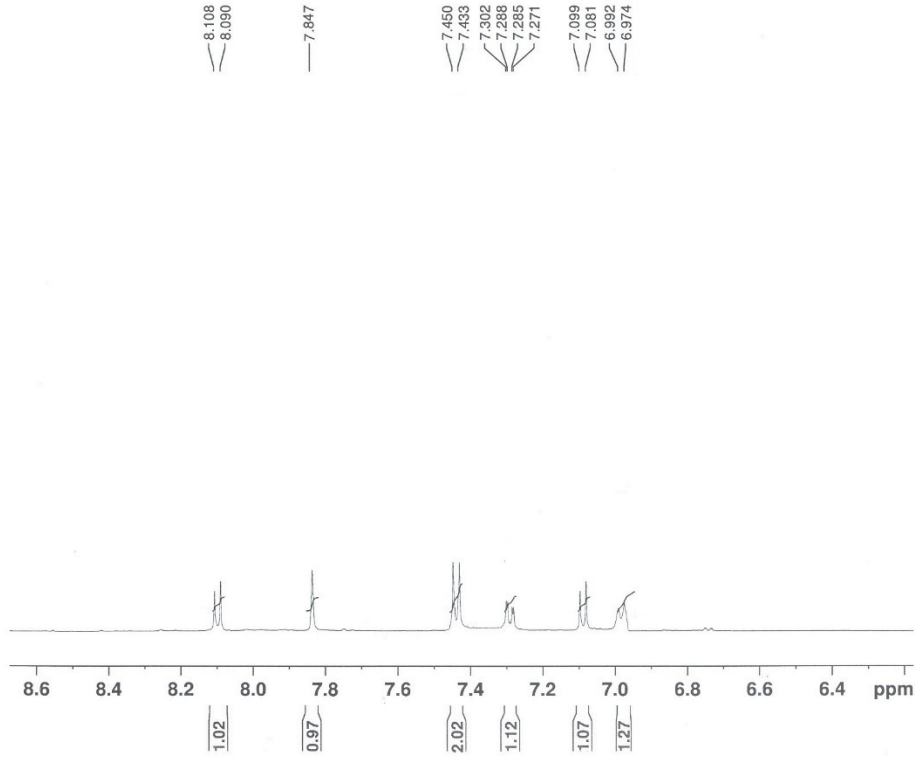
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EXPNO 1
PROCNO 1

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TD 65536
SOLVENT DMSO
NS 32
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SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 ¹H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A1



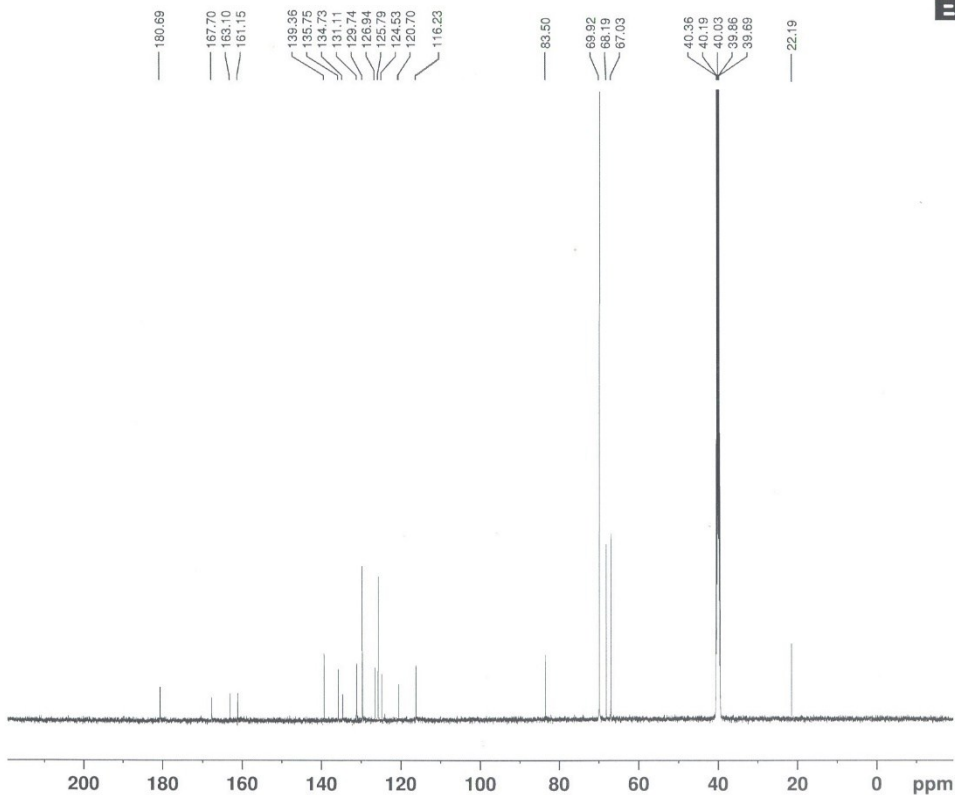
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PROCNO 1

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PULPROG zg30
TD 65536
SOLVENT DMSO
NS 32
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

----- CHANNEL f1 -----
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NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹³C-NMR Spectrum of A1



Current Data Parameters
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EXPNO 3
PROCNO 1

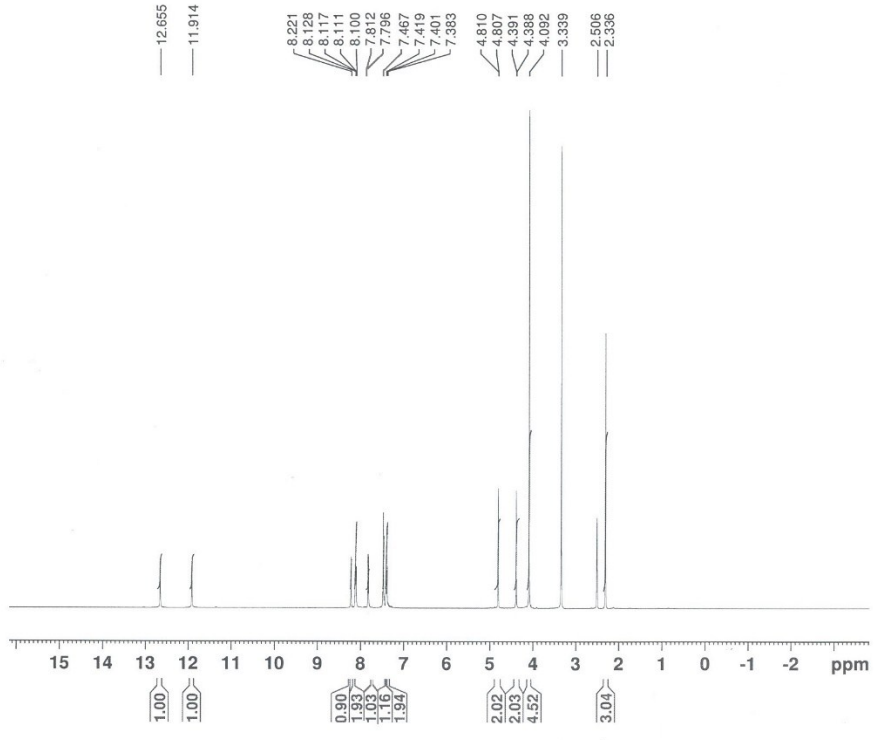
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SOLVENT DMSO
NS 4
DS 1700
SWH 30000.000 Hz
FIDRES 0.457764 Hz
AQ 1.0922667 sec
RG 192.72
DW 16.667 usec
DE 7.48 usec
TE 301.0 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

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NUC1 ¹³C
P1 10.00 usec
PLW1 78.00000000 W

===== CHANNEL f2 =====
SFO2 500.3020012 MHz
NUC2 ¹H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 21.00000000 W
PLW12 0.32813001 W
PLW13 0.20999999 W

F2 - Processing parameters
SI 32768
SF 125.8065351 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H-NMR Spectrum of A2



Current Data Parameters
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EXPNO 2
PROCNO 1

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PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 64
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 296.9 K
D1 1.0000000 sec
TDO 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A2

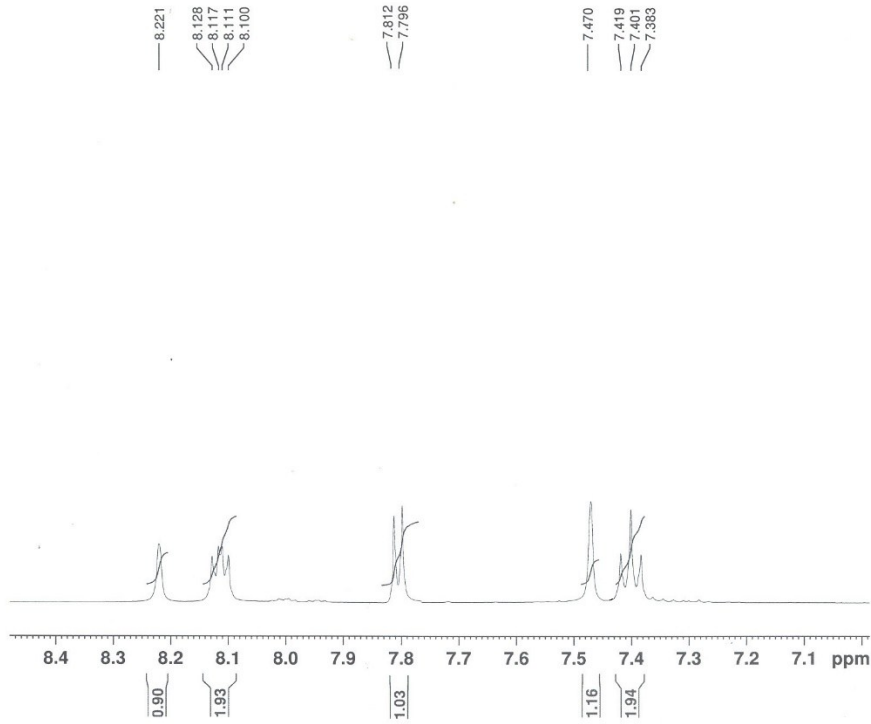


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EXPNO 2
PROCNO 1

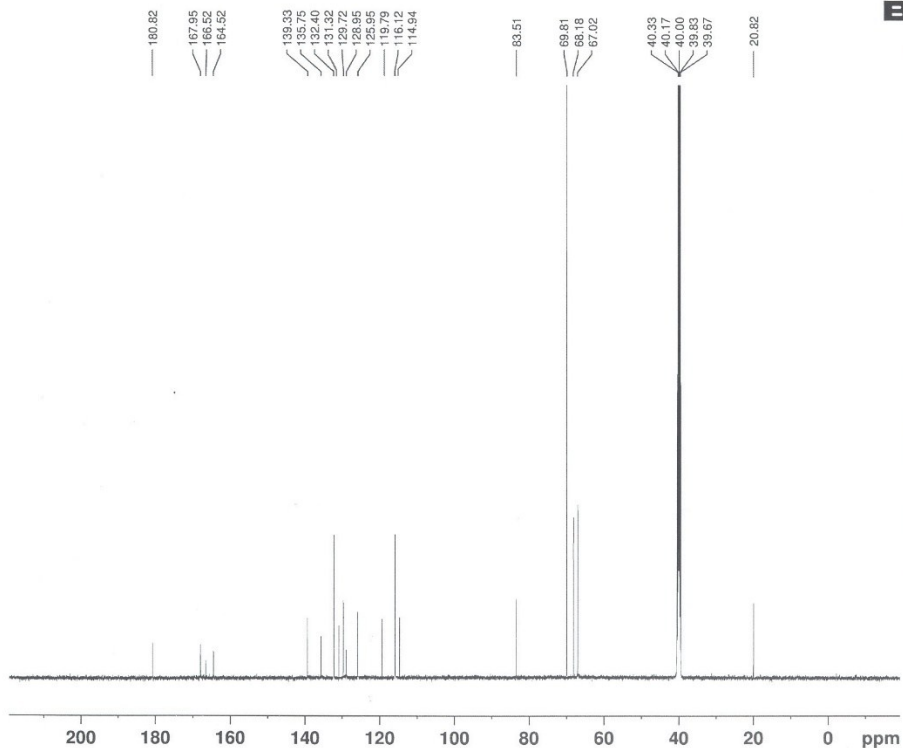
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PULPROG zg30
TD 65536
SOLVENT DMSO
NS 64
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 296.9 K
D1 1.0000000 sec
TDO 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



¹³C-NMR Spectrum of A2



Current Data Parameters
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EXPNO 3
PROCNO 1

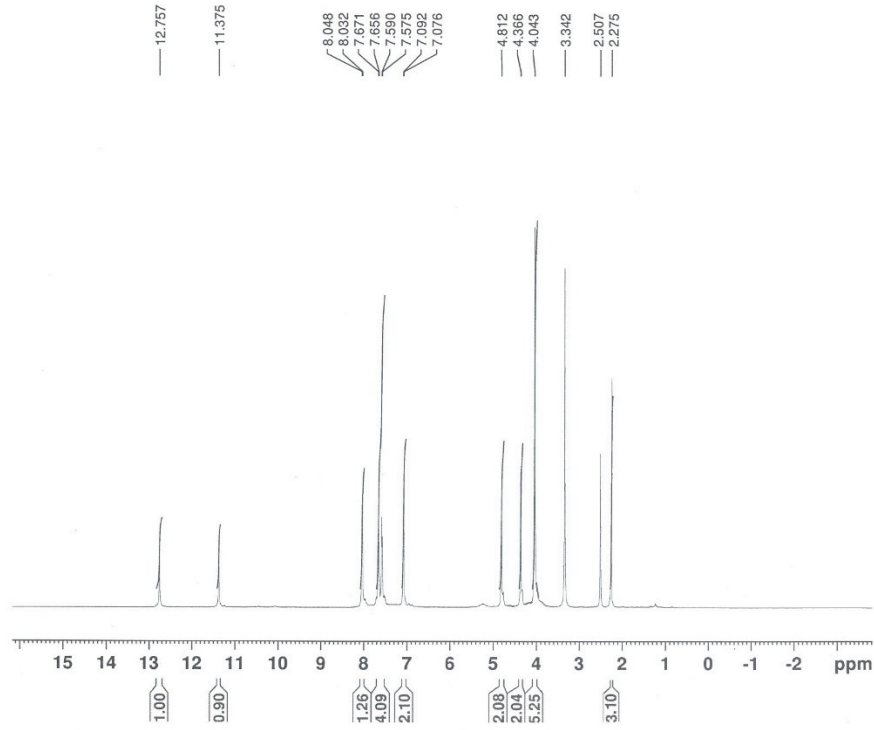
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SWH 30000.000 Hz
FIDRES 0.457764 Hz
AQ 1.0922667 sec
RG 192.72
DW 18.697 usec
DE 7.48 usec
TE 297.6 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

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NUC1 13C
P1 10.00 usec
PLW1 78.00000000 W

===== CHANNEL 2 =====
SFO2 500.3020012 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 21.00000000 W
PLW12 0.32813001 W
PLW13 0.20999999 W

F2 - Processing parameters
SI 32768
SF 125.800351 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H-NMR Spectrum of A3



Current Data Parameters
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EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
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Time 13.22
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PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 150
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.00000000 sec
TDO 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
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SF 500.3000000 MHz
WDW EM
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LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A3

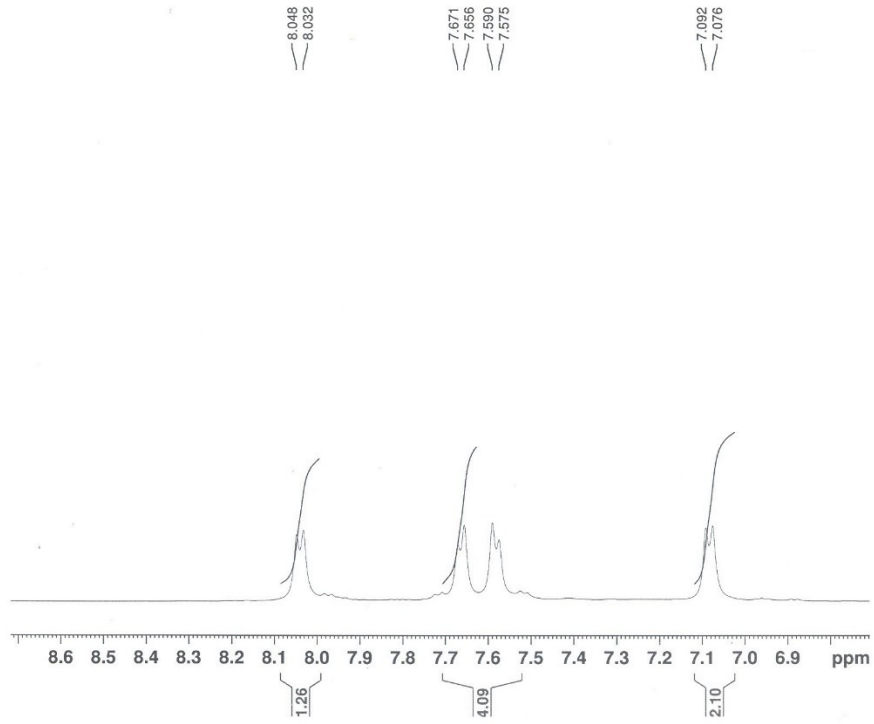


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PROCNO 1

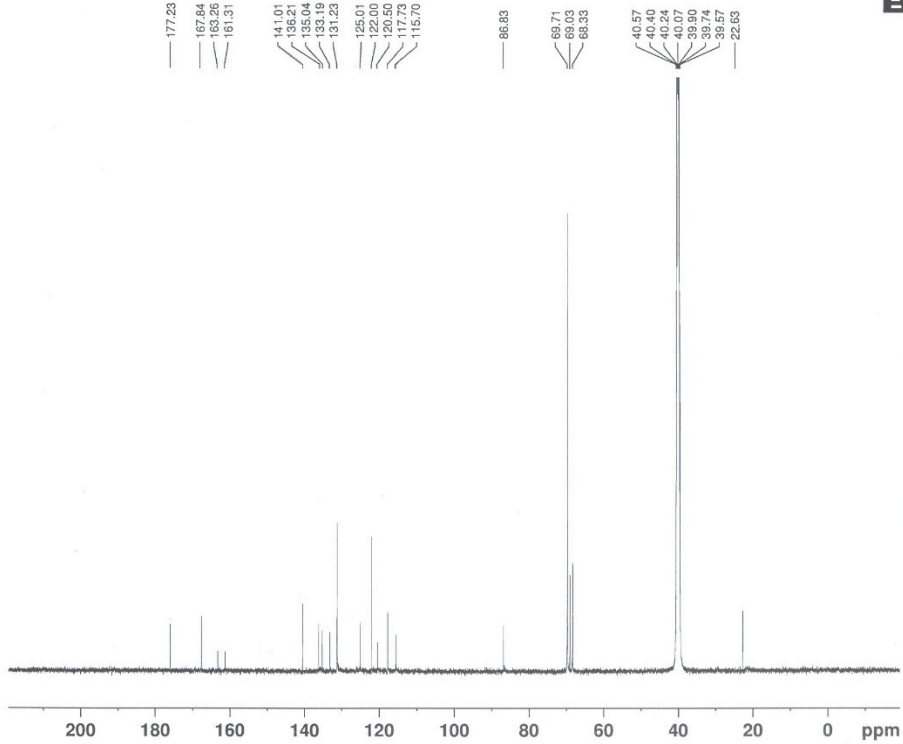
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TD 65536
SOLVENT DMSO
NS 150
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.0000000 sec
TDO 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
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LB 0.30 Hz
GB 0
PC 1.00



¹³C-NMR Spectrum of A3



Current Data Parameters
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PROCNO 1

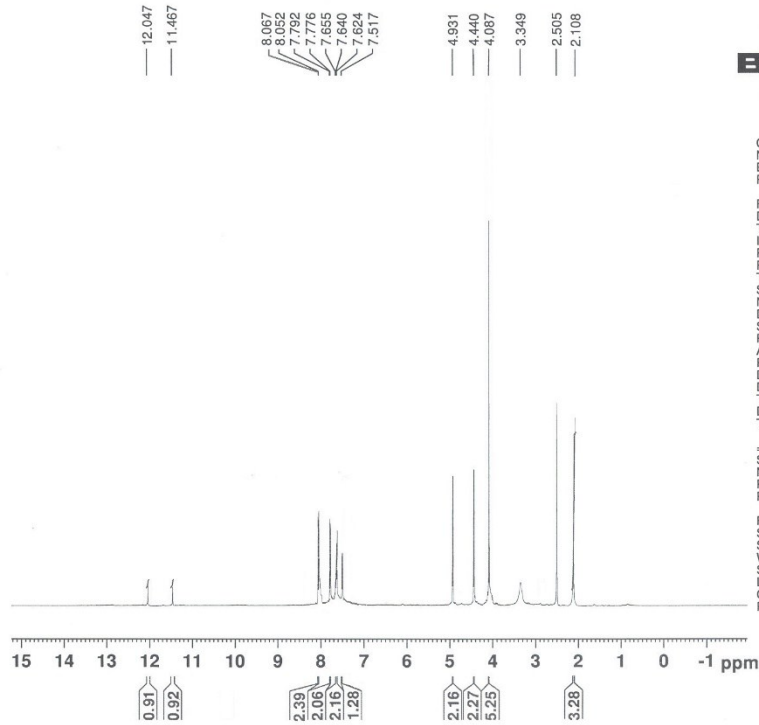
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PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1700
DS 4
SWH 30000.000 Hz
FIDRES 0.457784 Hz
AQ 1.0822967 sec
RG 192.72
DW 16.567 usec
DE 7.48 usec
TE 299.0 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

===== CHANNEL f1 =====
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NUC1 13C
P1 10.00 usec
PLW1 78.0000000 W

===== CHANNEL f2 =====
SFO2 500.3020012 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 21.0000000 W
PLW12 0.32813001 W
PLW13 0.20999999 W

F2 - Processing parameters
SI 32788
SF 125.8005351 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H-NMR Spectrum of A4



Current Data Parameters
NAME A4
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171209
Time 11.42
INSTRUM AVIII500HD
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
SFO1 500.300896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W
F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A4

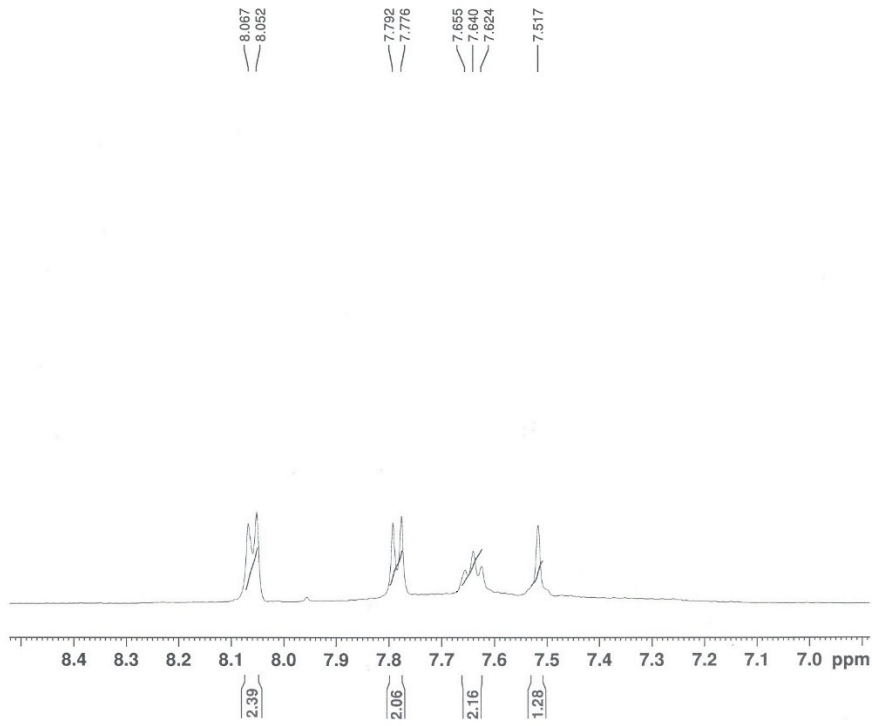


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PROCNO 1

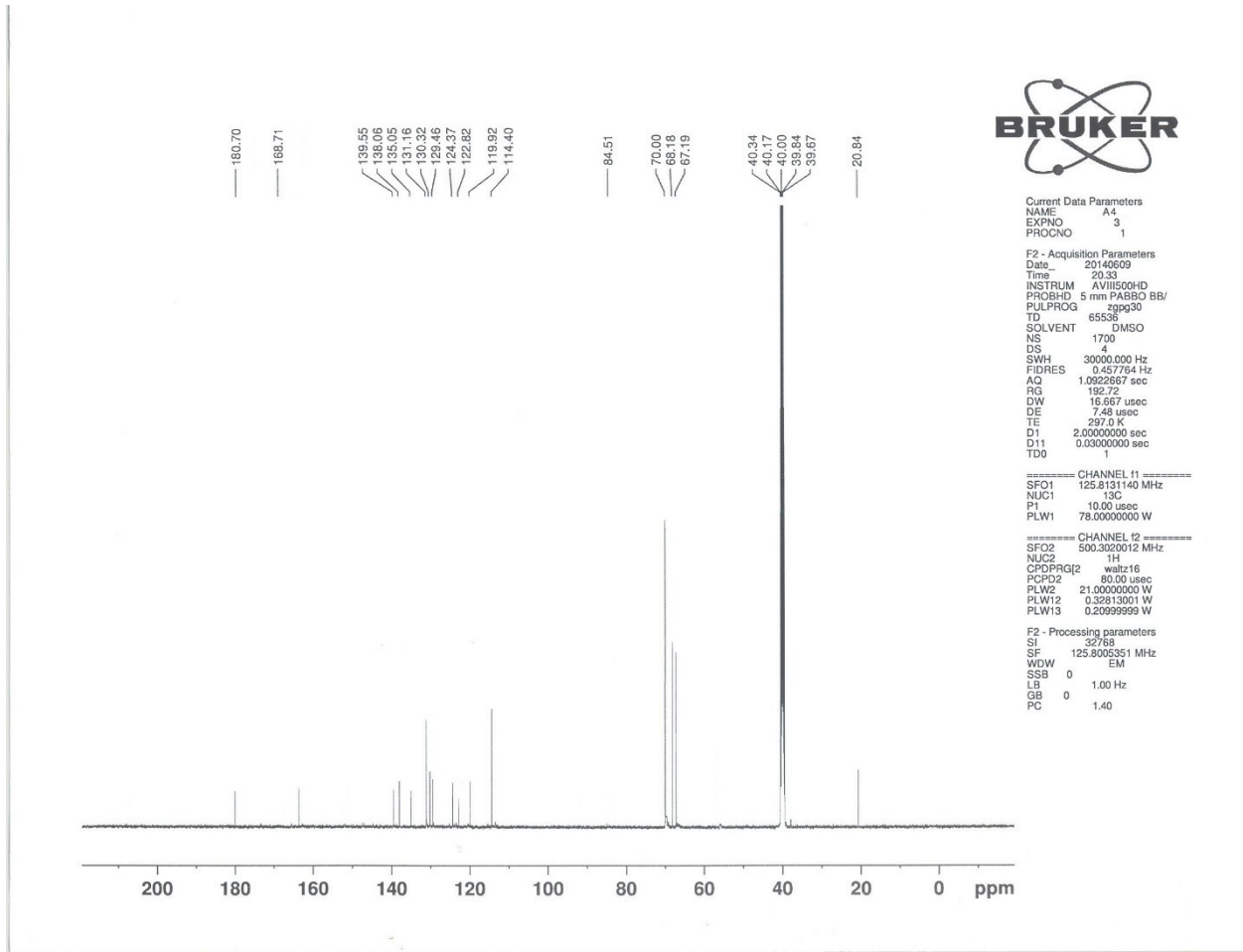
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PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

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NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

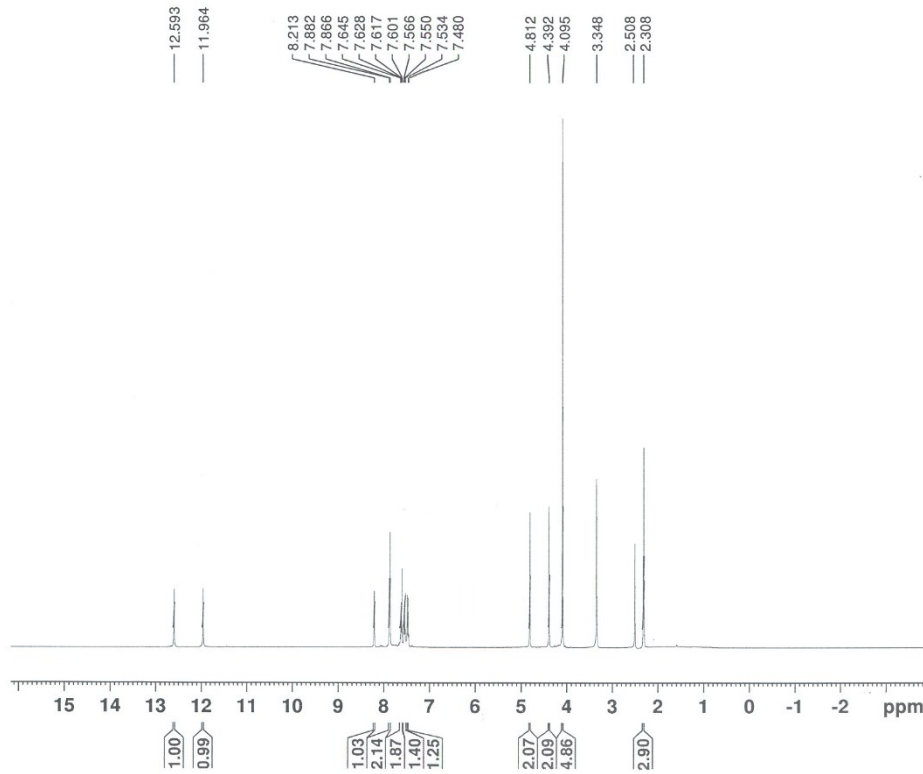
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LB 0.30 Hz
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PC 1.00



¹³C-NMR Spectrum of A4



¹H-NMR Spectrum of A5



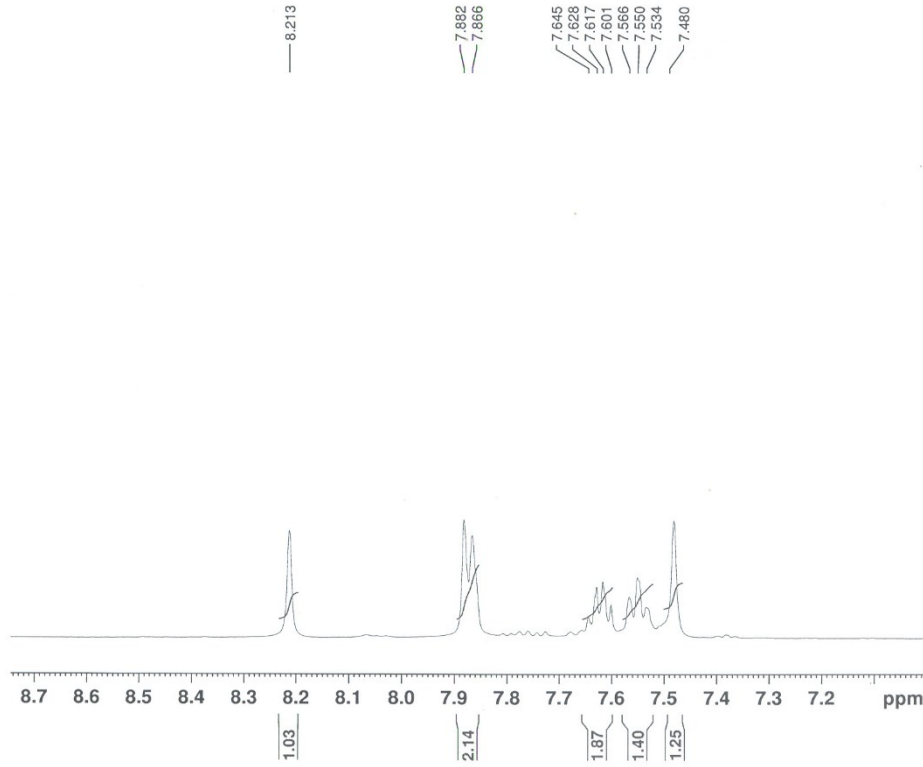
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EXPNO 2
PROCNO 1

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PULPROG zg30
TD 65536
SOLVENT DMSO
NS 48
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 296.8 K
D1 1.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A5



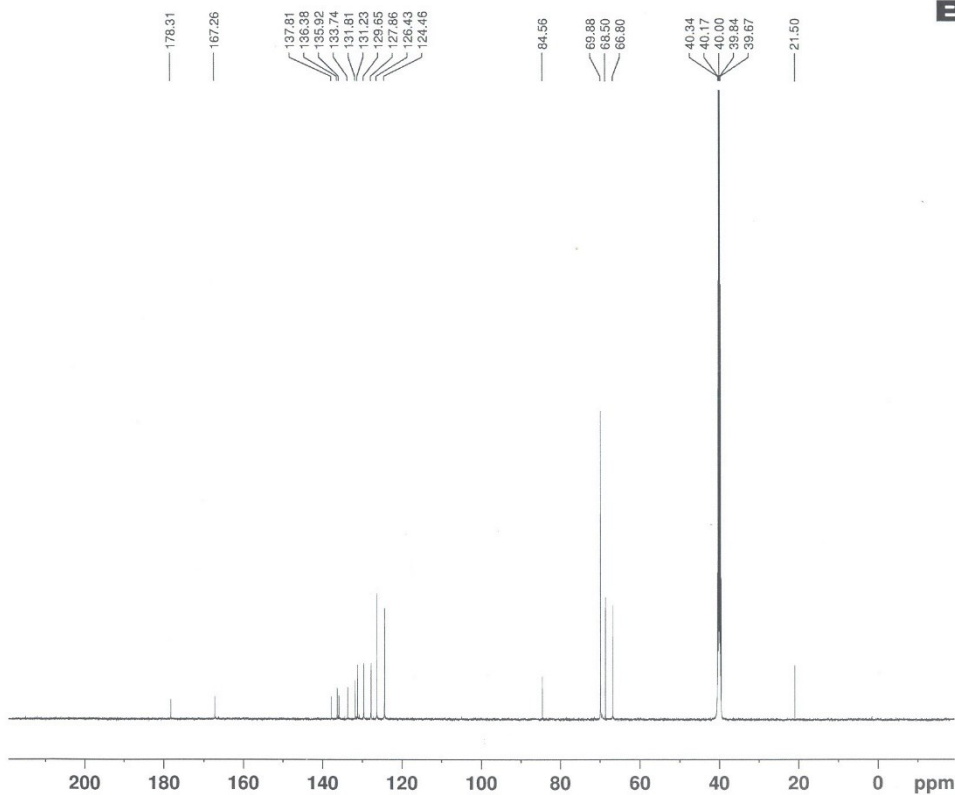
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PULPROG zg30
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SOLVENT DMSO
NS 48
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 296.8 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
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LB 0.30 Hz
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PC 1.00

¹³C-NMR Spectrum of A5



Current Data Parameters
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EXPNO 3
PROCNO 1

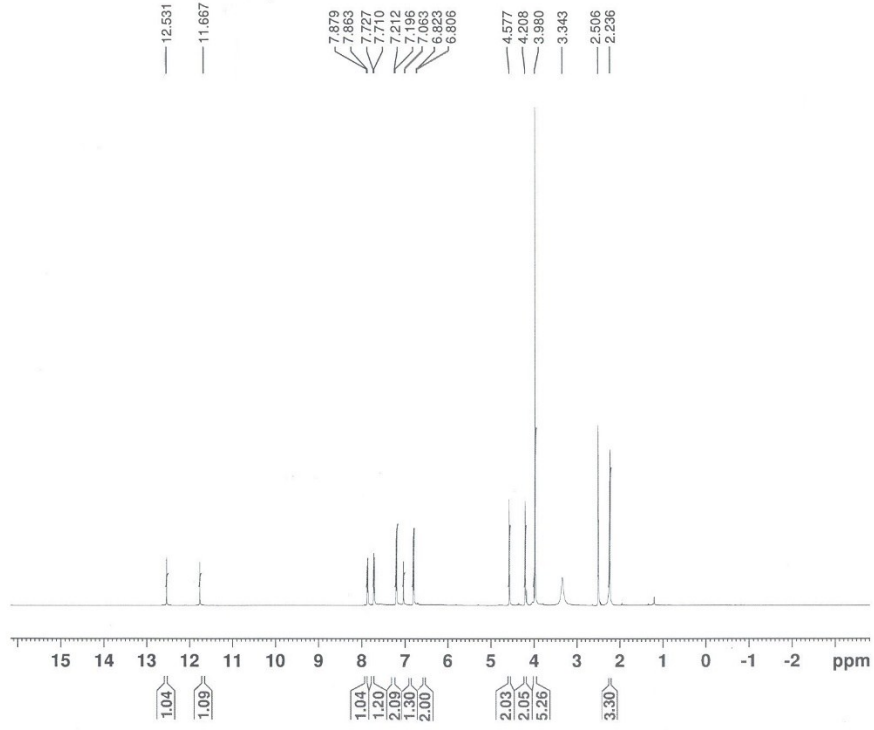
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DS 4
SWH 30000.000 Hz
FIDRES 0.457764 Hz
AQ 1.032667 sec
RG 192.72
DW 16.667 usec
DE 7.48 usec
TE 298.0 K
D1 2.0000000 sec
D11 0.0000000 sec
TDO 1

===== CHANNEL f1 =====
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NUC1 ¹³C
P1 10.00 usec
PLW1 78.0000000 W

===== CHANNEL f2 =====
SFO2 500.3020012 MHz
NUC2 ¹H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 21.0000000 W
PLW12 0.32813001 W
PLW13 0.20999999 W

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GB 0
PC 1.40

¹H-NMR Spectrum of A6



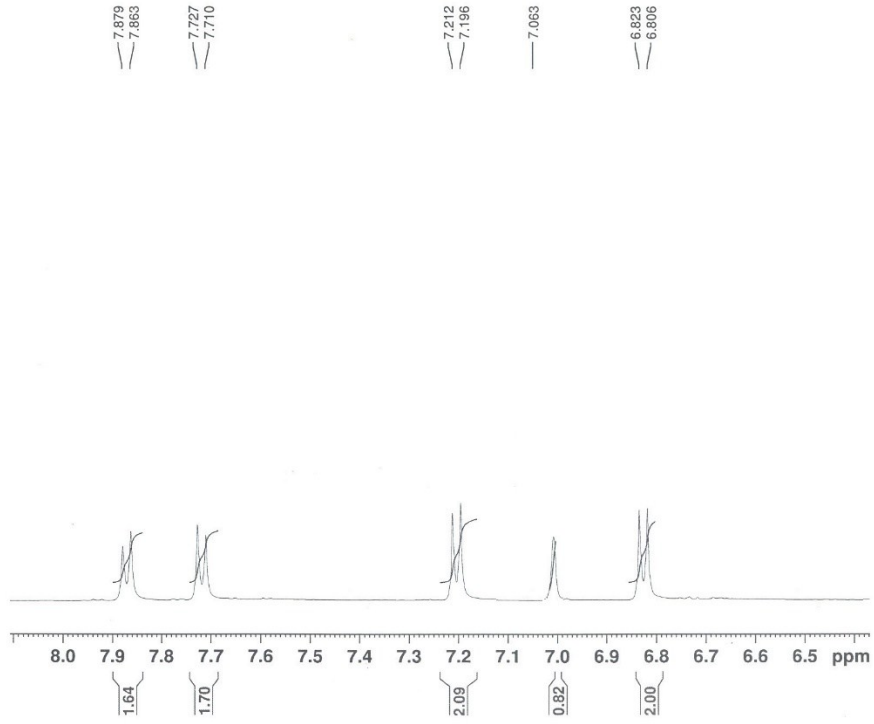
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EXPNO 3
PROCNO 1

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PULPROG zg30
TD 65536
SOLVENT DMSO
NS 120
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2787999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.0000000 sec
TD0 1

----- CHANNEL f1 -----
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NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A6



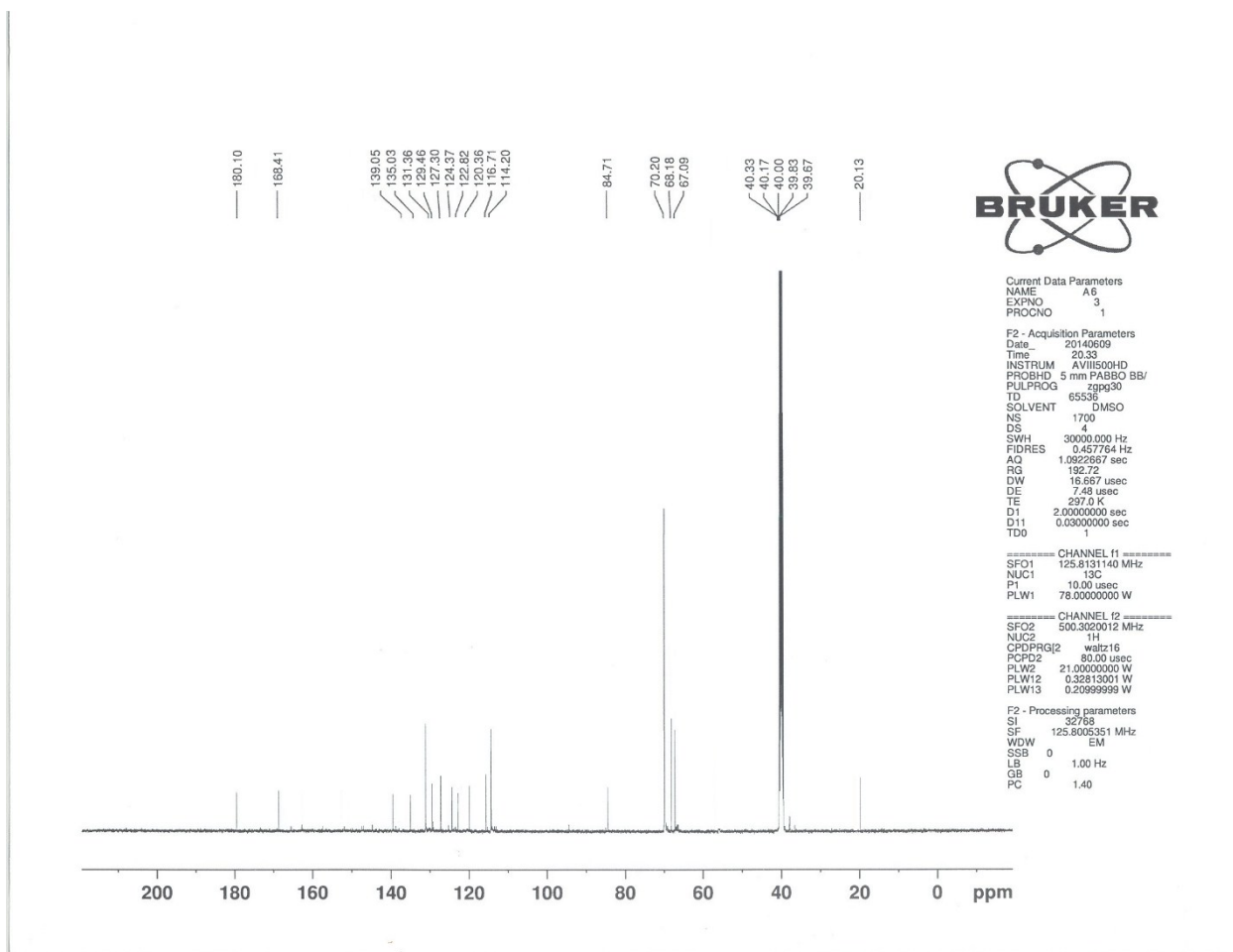
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NAME A6
EXPNO 3
PROCNO 1

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PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 120
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

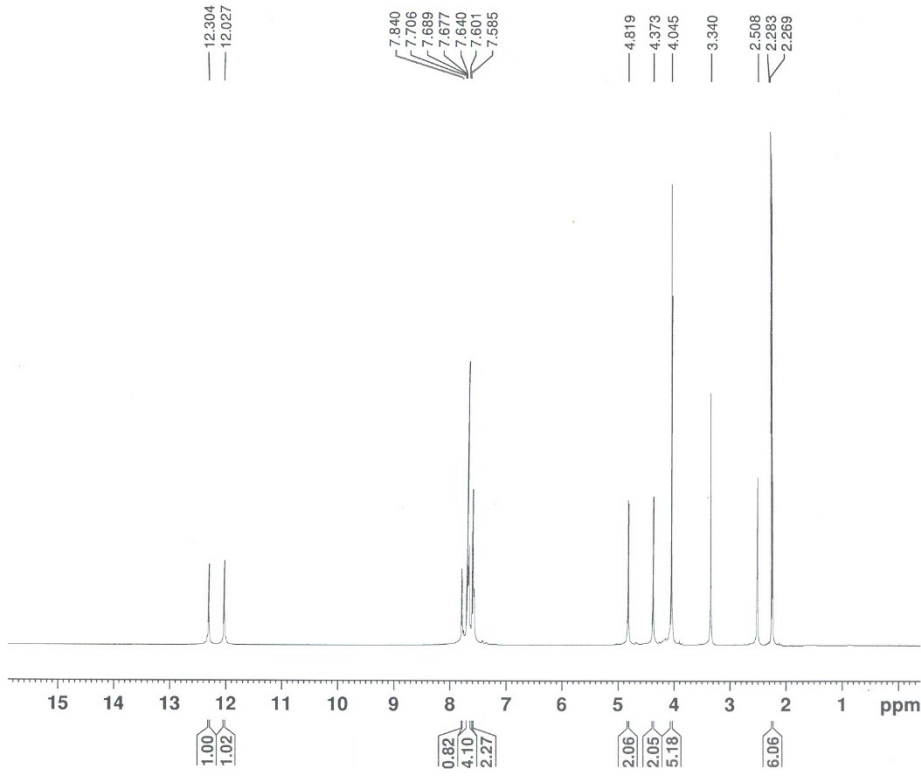
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NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
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SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹³C-NMR Spectrum of A6



¹H-NMR Spectrum of A7



Current Data Parameters
NAME A7
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171211
Time 16.53
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PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 120
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 ¹H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A7

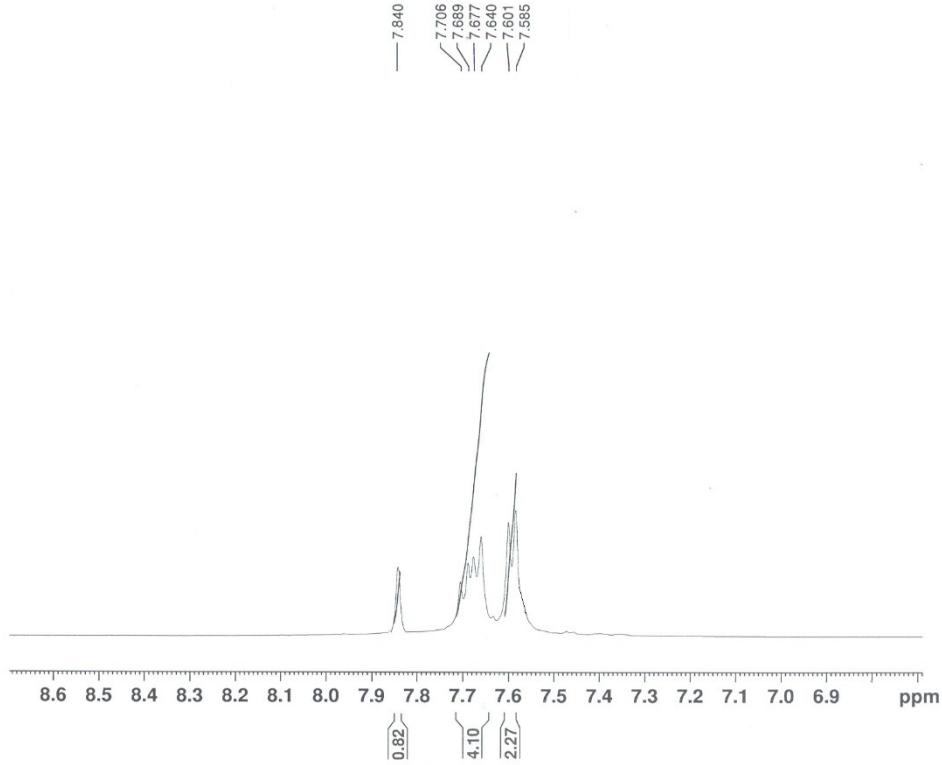


Current Data Parameters
NAME A7
EXPNO 2
PROCNO 1

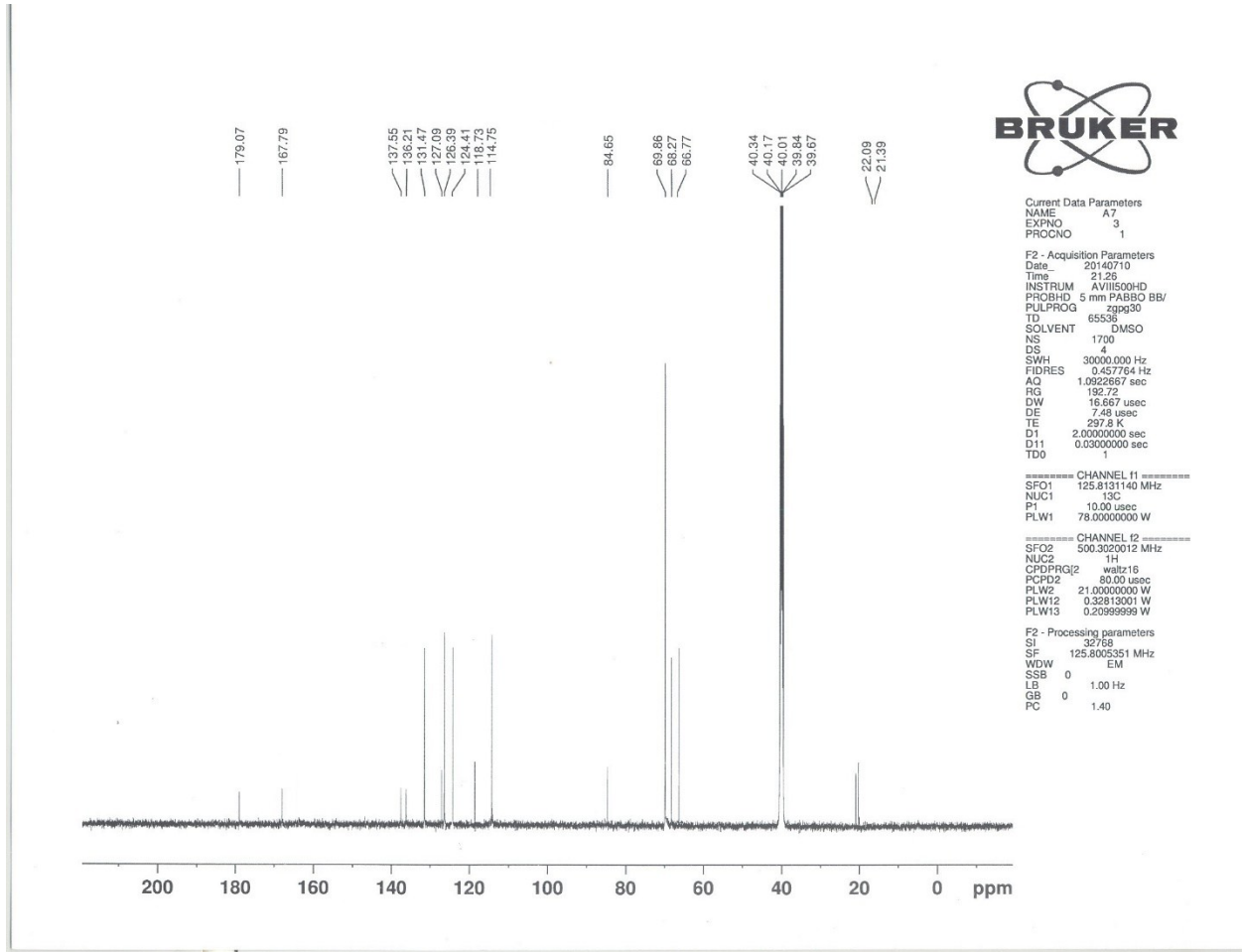
F2 - Acquisition Parameters
Date_ 20171211
Time 16.53
INSTRUM AVII500HD
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 120
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



¹³C-NMR Spectrum of A7



Current Data Parameters
NAME A7
EXPNO 3
PROCNO 1

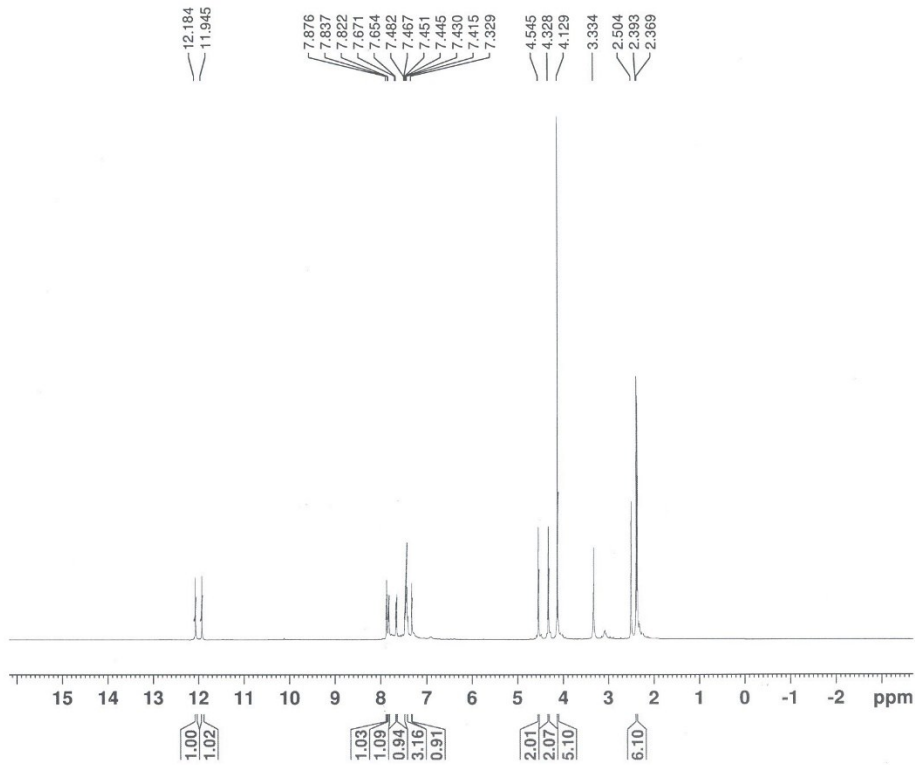
F2 - Acquisition Parameters
Date_ 20140710
Time 21.26
INSTRUM AVIIIS00HD
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1700
DS 4
SWH 30000.000 Hz
FIDRES 0.457764 Hz
AQ 1.0922667 sec
RG 192.72
DW 16.667 usec
DE 7.48 usec
TE 297.2 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

===== CHANNEL 1 =====
SFO1 125.8131140 MHz
NUC1 13C
P1 10.00 usec
PLW1 78.0000000 W

===== CHANNEL 2 =====
SFO2 500.3020012 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 21.0000000 W
PLW12 0.32813001 W
PLW13 0.20266669 W

F2 - Processing parameters
SI 32768
SF 125.8005351 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H-NMR Spectrum of A8



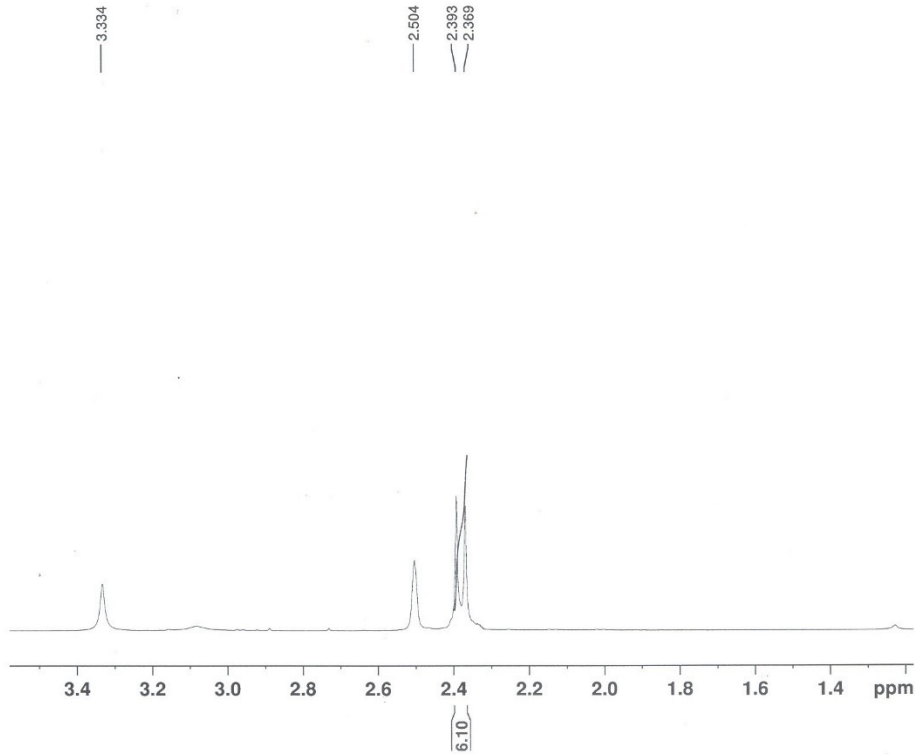
Current Data Parameters
NAME A8
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171209
Time 13.46
INSTRUM AVII500HD
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 32
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 299.0 K
D1 1.00000000 sec
TD0 1

----- CHANNEL f1 -----
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A8



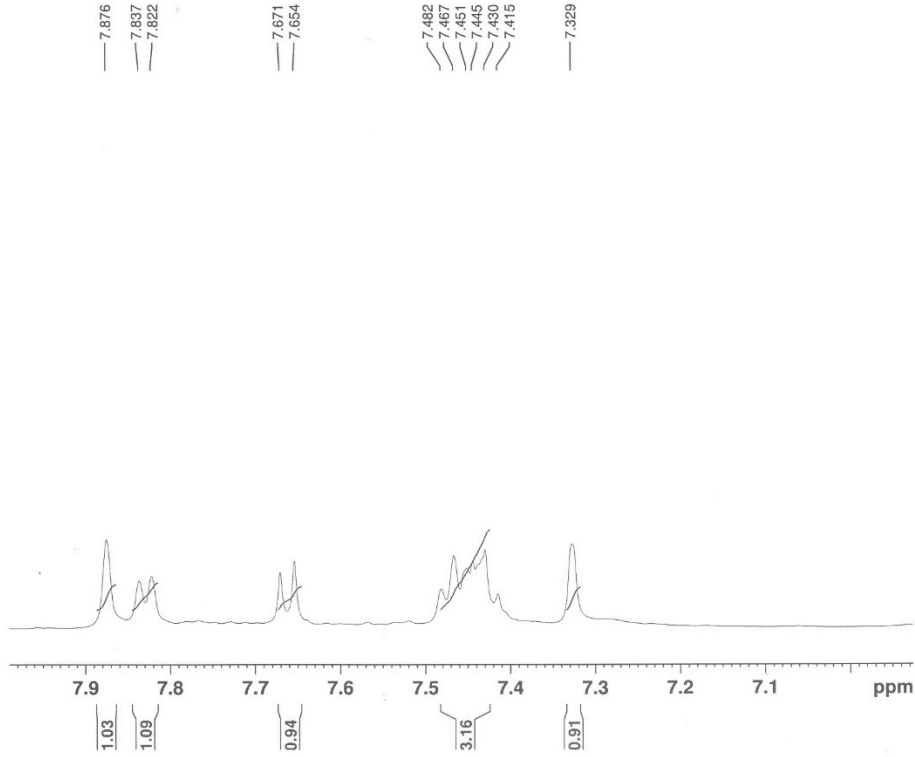
Current Data Parameters
NAME A8
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171209
Time 13.46
INSTRUM AVII500HD
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 32
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 299.0 K
D1 1.00000000 sec
TD0 1

----- CHANNEL f1 -----
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A8



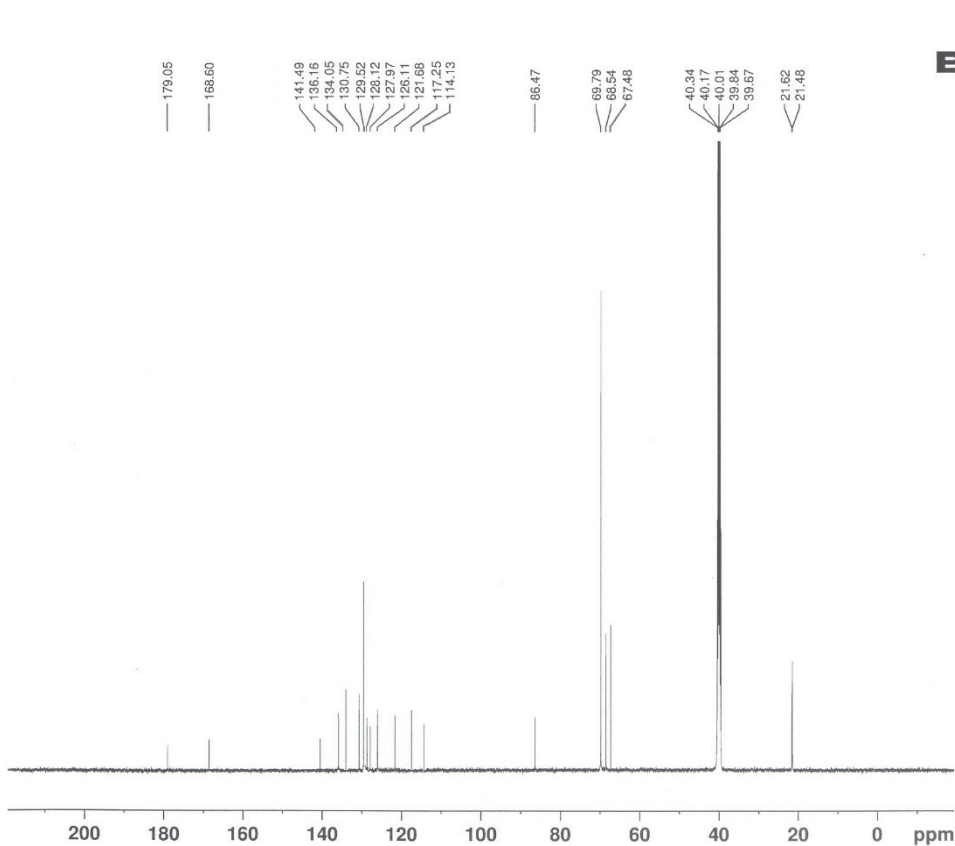
Current Data Parameters
NAME A8
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171209
Time 13.46
INSTRUM AVIII500HD
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 32
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 299.0 K
D1 1.00000000 sec
TDO 1

----- CHANNEL f1 -----
SFO1 500.3030896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹³C-NMR Spectrum of A8



Current Data Parameters
NAME A8
EXPNO 3
PROCNO 1

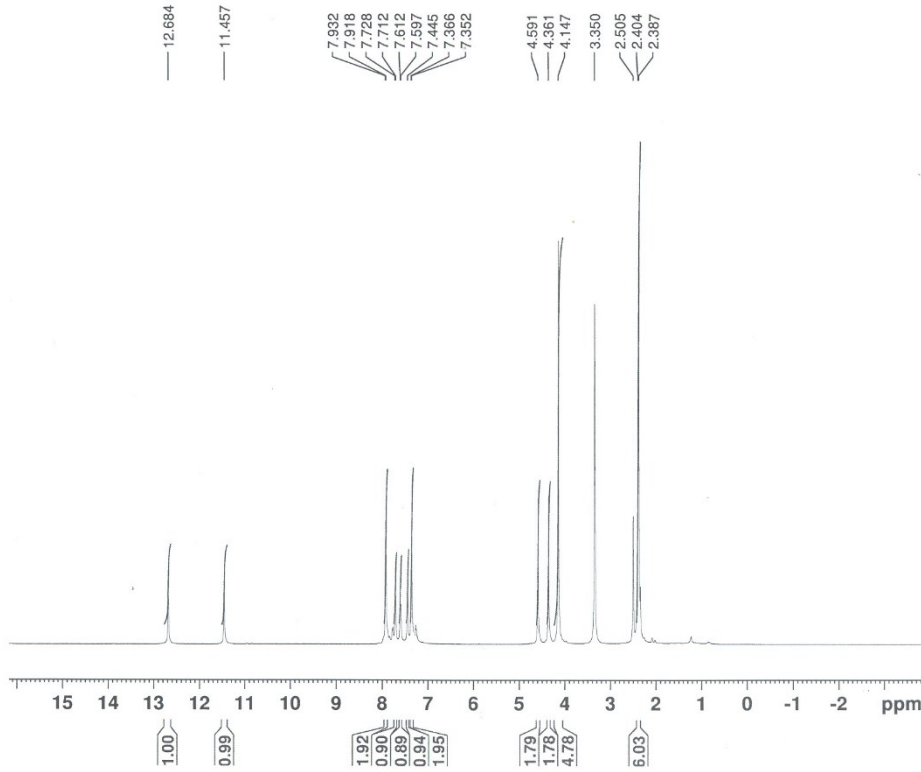
F2 - Acquisition Parameters
Date_ 20140711
Time 19.33
INSTRUM AVII500HD
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65538
SOLVENT DMSO
NS 1700
DS 4
SWH 30000.000 Hz
FIDRES 0.457764 Hz
AQ 1.0922667 sec
RG 192.72
DW 16.967 usec
DE 7.48 usec
TE 297.5 K
D1 2.0000000 sec
D11 0.0300000 sec
TDO 1

===== CHANNEL f1 =====
SFO1 125.8131140 MHz
NUC1 ¹³C
P1 10.00 usec
PLW1 78.0000000 W

===== CHANNEL f2 =====
SFO2 500.3020012 MHz
NUC2 ¹H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 21.0000000 W
PLW12 0.32813001 W
PLW13 0.20999999 W

F2 - Processing parameters
SI 32768
SF 125.806351 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H-NMR Spectrum of A9



Current Data Parameters
NAME A9
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171211
Time 17.37
INSTRUM AVIII500HD
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 64
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 296.7 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 500.3030896 MHz
NUC1 ¹H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 85536
SF 500.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H-NMR Spectrum of A9



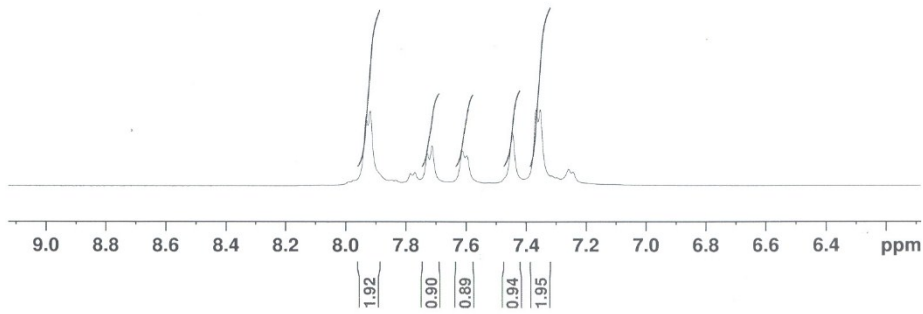
7.932
7.918
7.728
7.712
7.612
7.597
7.445
7.366
7.352

Current Data Parameters
NAME A9
EXPNO 2
PROCNO 1

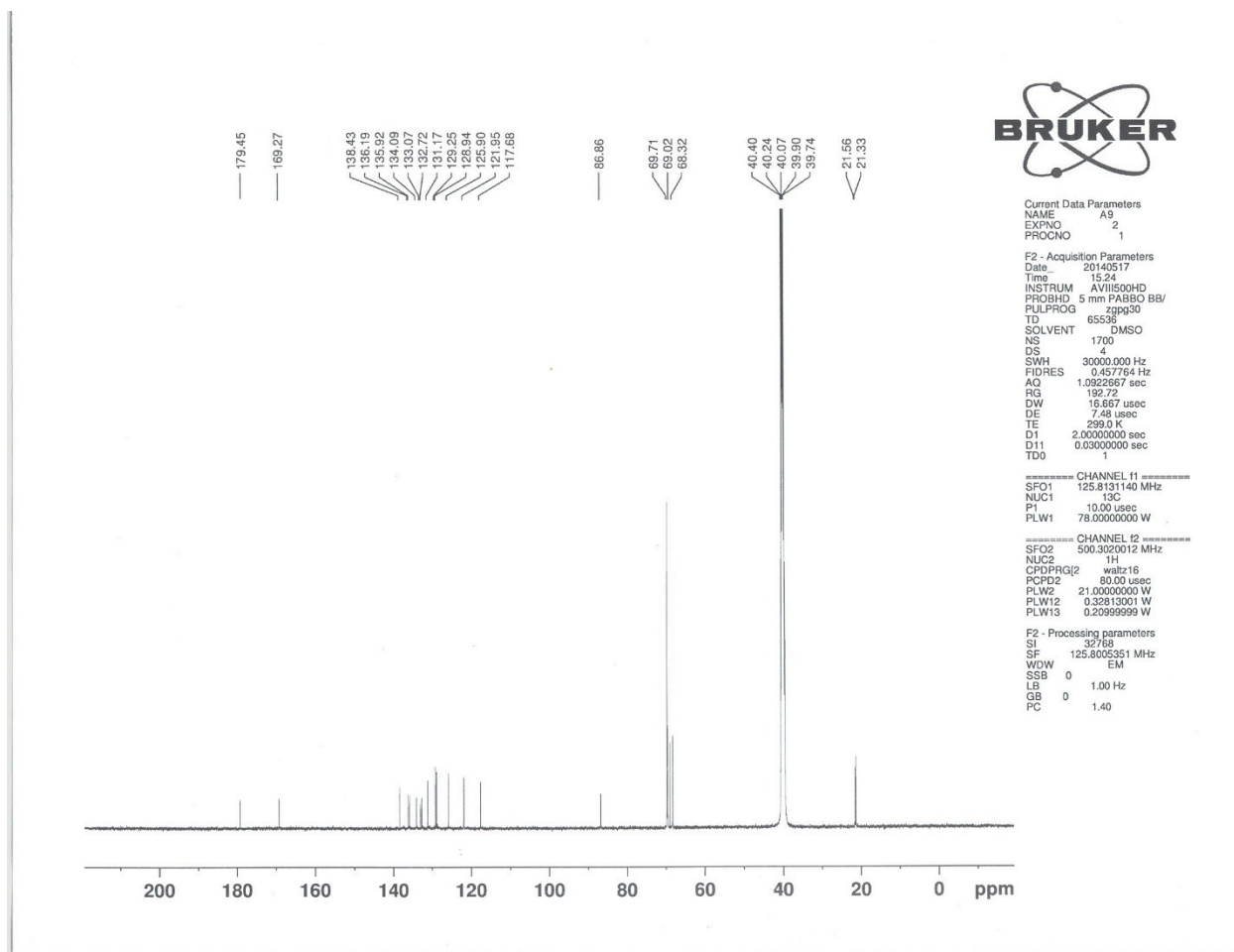
F2 - Acquisition Parameters
Date_ 20171211
Time 17:37
INSTRUM AVIII500HD
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 64
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 106.56
DW 50.000 usec
DE 13.50 usec
TE 296.7 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 500.300896 MHz
NUC1 1H
P1 10.00 usec
PLW1 21.89999962 W

F2 - Processing parameters
SI 65536
SF 500.300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



¹³C-NMR Spectrum of A9



Current Data Parameters
NAME A9
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date 20140517
Time 15:24
INSTRUM AVIIIS00HD
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1700
DS 4
SWH 30000.000 Hz
FIDRES 0.457764 Hz
AQ 1.0922667 sec
RG 192.72
DW 16.667 usec
DE 7.48 usec
TE 299.0 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 125.8131140 MHz
NUC1 13C
P1 10.00 usec
PLW1 78.0000000 W

===== CHANNEL f2 =====
SFO2 500.3020012 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 21.0000000 W
PLW12 0.32813001 W
PLW13 0.20999999 W

F2 - Processing parameters
SI 32788
SF 125.8005351 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40