

Supplementary Information

[Et₃NH][HSO₄]-mediated functionalization of hippuric acid: an unprecedented approach to 4-arylidene-2-phenyl-5(4*H*)-oxazolones

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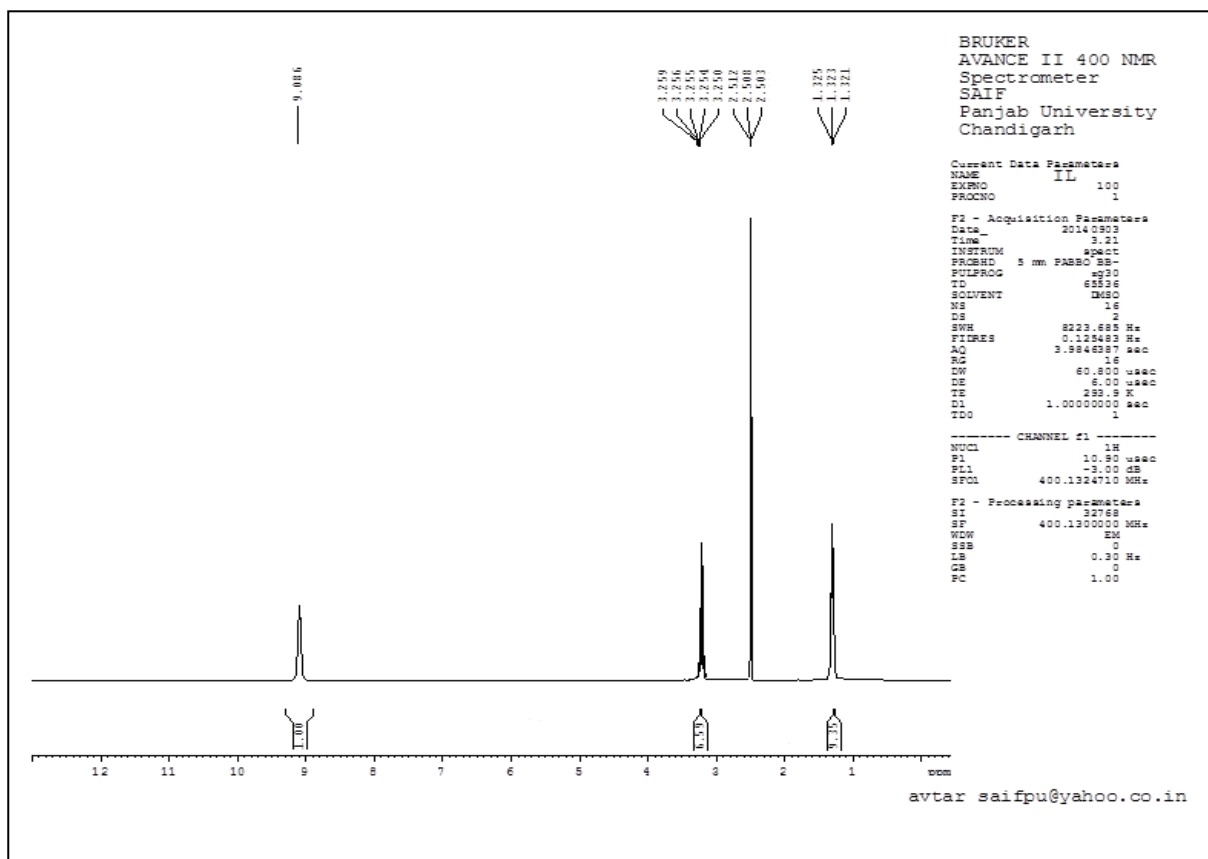


Fig. S1 ^1H -NMR of ionic liquid

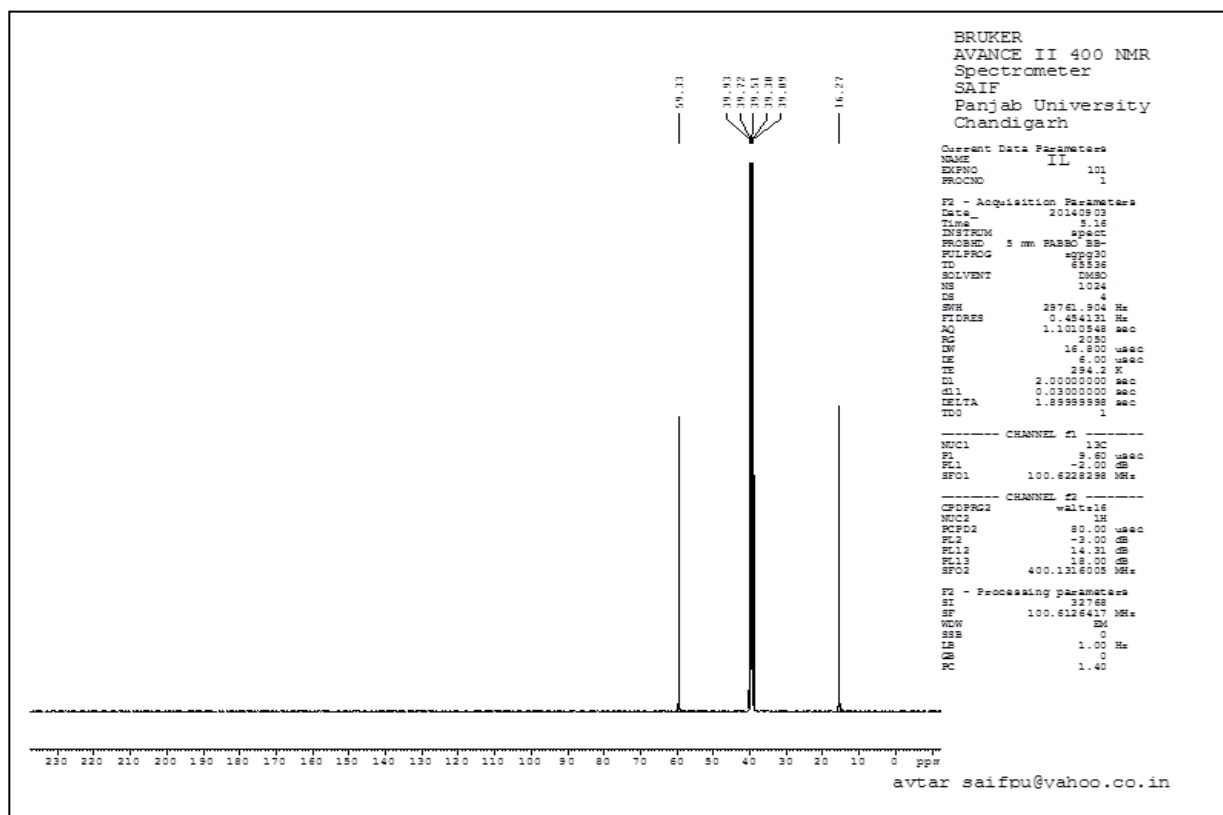
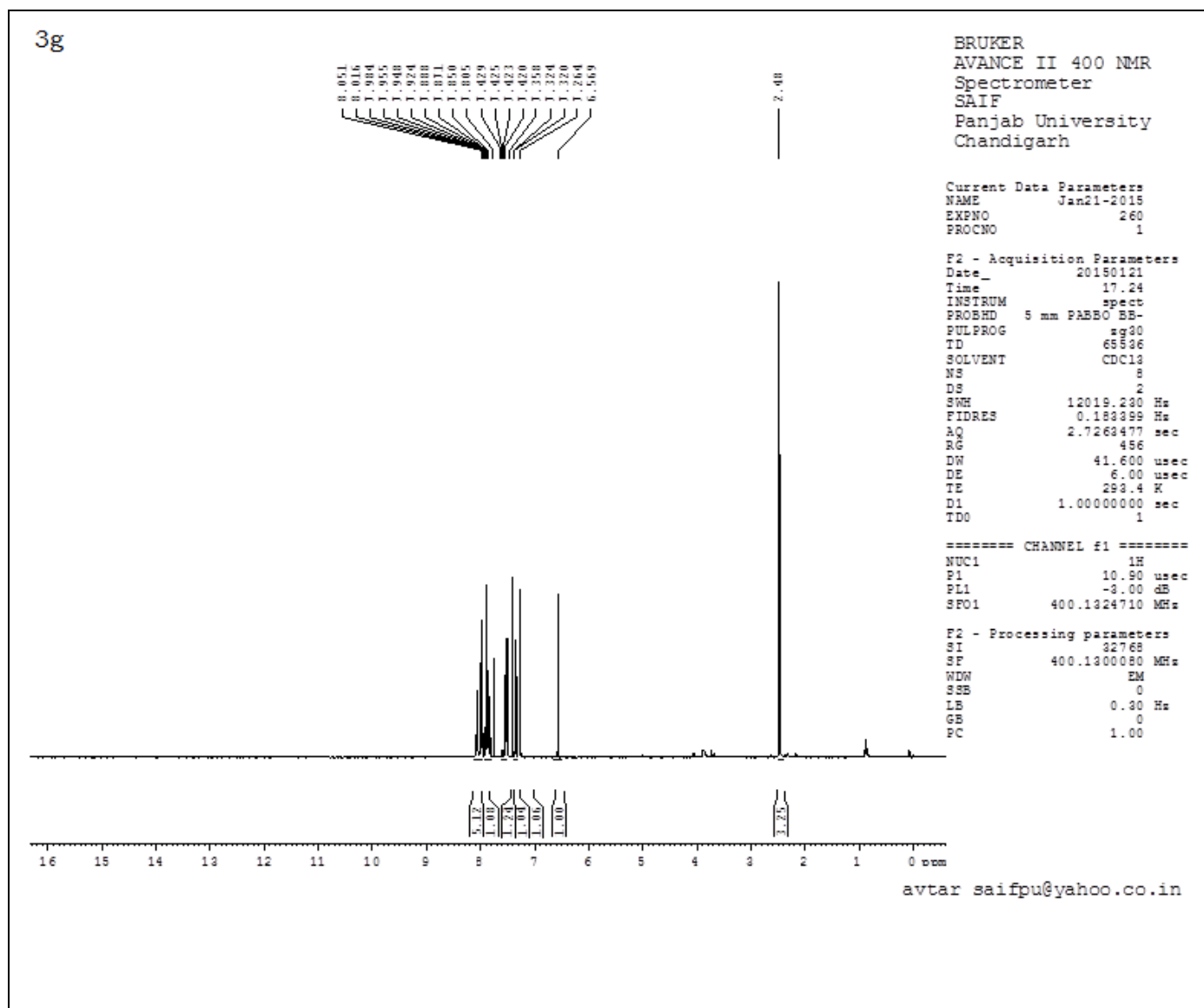


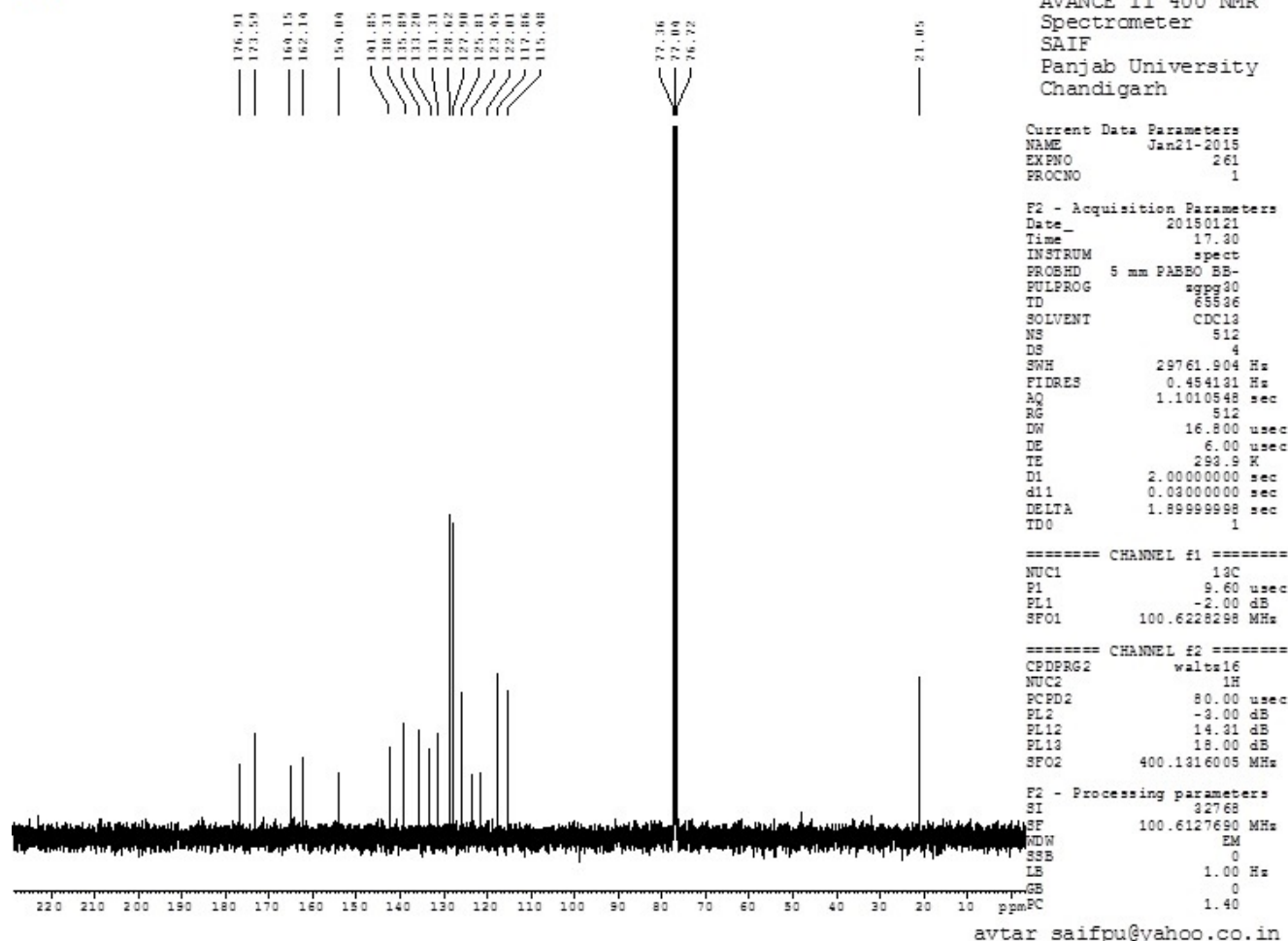
Fig. S2 ^{13}C -NMR of ionic liquid

^1H and ^{13}C NMR spectra of synthesized compounds



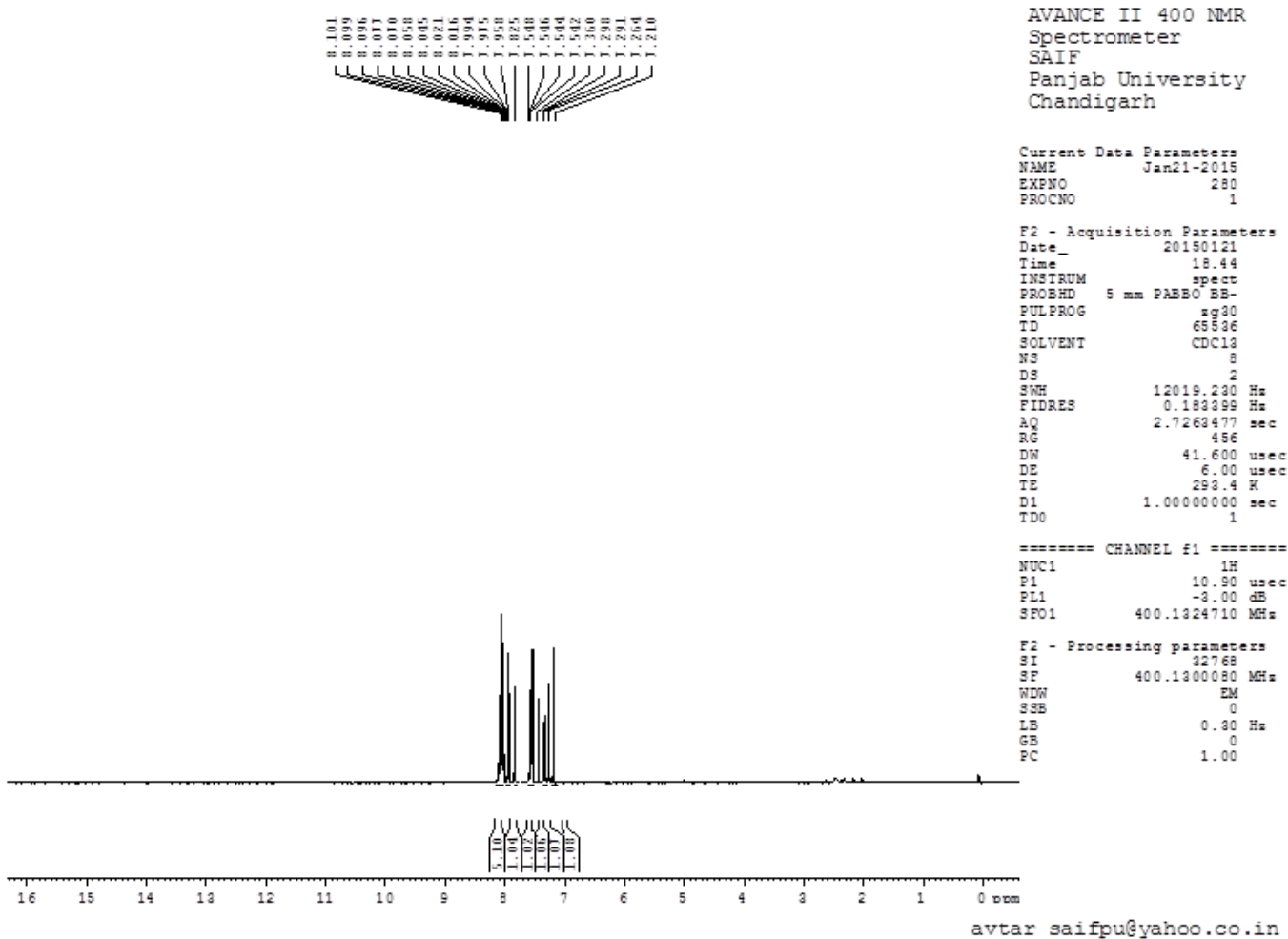
^1H NMR of compound 3g

3g



¹³C NMR of compound 3g

3i



¹H NMR of compound 3i

3i

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 AVANCE II 400 NMR
 Spectrometer
 SAIF
 Panjab University
 Chandigarh

Current Data Parameters
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 EXPNO 281
 PROCNO 1

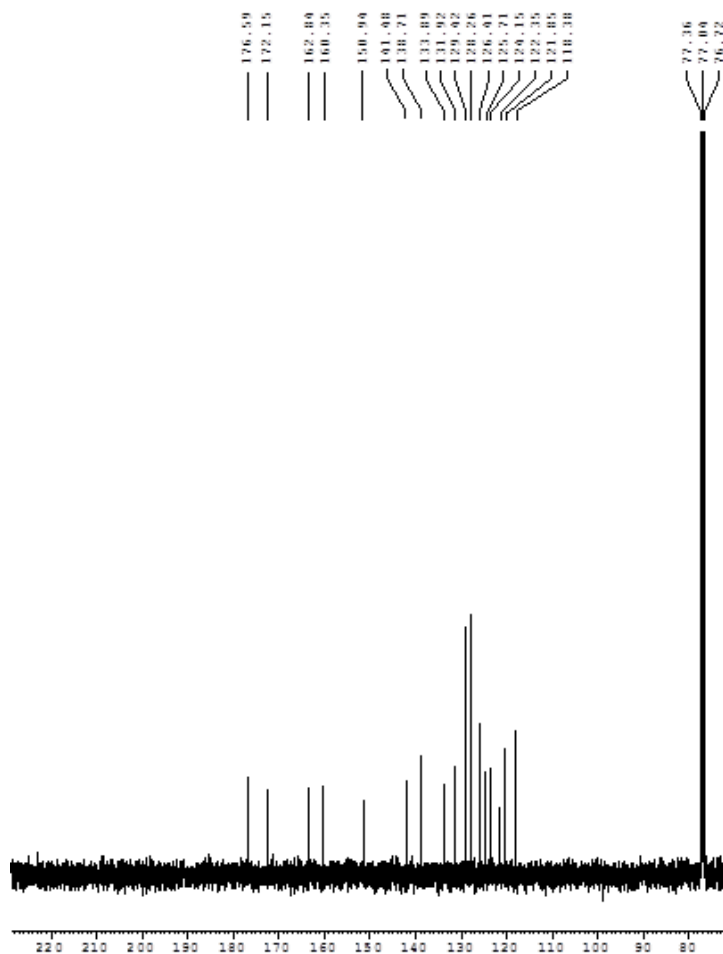
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 SOLVENT CDCl3
 NS 512
 DS 4
 SWH 29761.904 Hz
 FIDRES 0.454131 Hz
 AQ 1.1010848 sec
 RG 512
 DW 16.800 usec
 DE 6.00 usec
 TE 293.2 K
 D1 2.00000000 sec
 d11 0.03000000 sec
 DELTA 1.89999998 sec
 TDO 1

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 NUC1 13C
 P1 9.60 usec
 PL1 -2.00 dB
 SFO1 100.6228298 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 -2.00 dB
 PL12 14.31 dB
 PL13 18.00 dB
 SFO2 400.1316005 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6127690 MHz
 NDN EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

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^{13}C NMR of compound 3i

[illegible]

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Current Data Parameters
NAME          Jan21-2015
EXPNO          270
PROCNO         1
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DS         2
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FIDRES     0.183399  Hz
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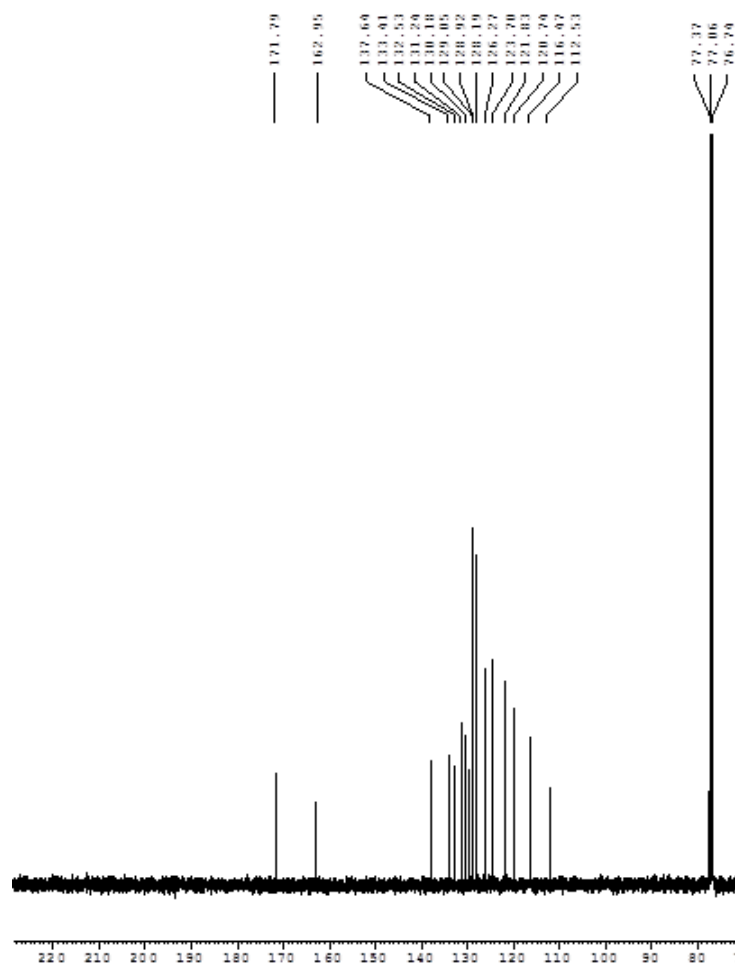
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F2 - Processing parameters
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SF                      400.1300094 MHz
WDW                      EM
SSE                      0
LB                      0.30 Hz
GB                      0
PC                      1.00
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¹H NMR of compound 3k

3k



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Current Data Parameters
NAME Jan21-2015
EXPNO 271
PROCNO 1

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PULPROG zgpg30
TD 65536
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NS 512
DS 4
SWH 29761.904 Hz
FIDRES 0.454131 Hz
AQ 1.1010548 sec
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DE 6.00 usec
TE 293.7 K
D1 2.00000000 sec
d11 0.03000000 sec
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PL1 -2.00 dB
SFO1 100.6228298 MHz

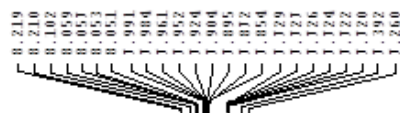
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PCPD2 80.00 usec
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PL12 14.31 dB
PL13 18.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSE 0
LB 1.00 Hz
GB 0
PC 1.40

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¹³C NMR of compound 3k

3n



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Current Data Parameters
NAME Jan21-2015
EXPNO 290
PROCNO 1

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SOLVENT CDCl3
NS 8
DS 2
SWH 12019.230 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 512
DW 41.600 usec
DE 6.00 usec
TE 293.4 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.90 usec
PL1 -3.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300094 MHz
WDW EM
SSE 0
LB 0.30 Hz
GB 0
PC 1.00



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¹H NMR of compound 3n

3n

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Current Data Parameters
NAME Jan21-2015
EXPNO 291
PROCNO 1

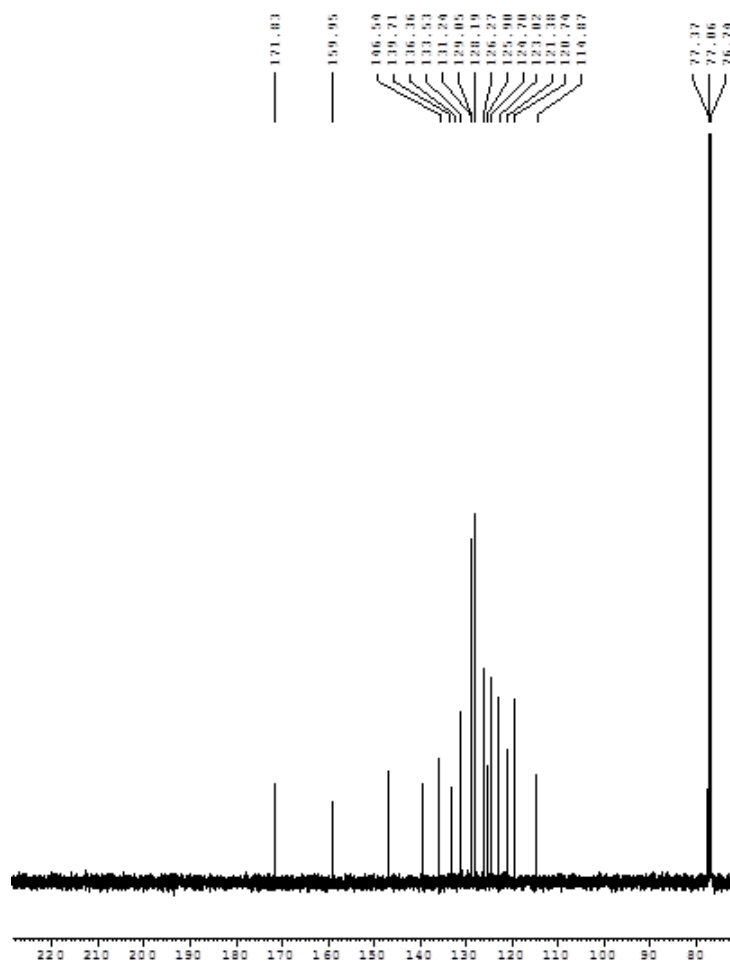
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TD 65536
SOLVENT CDCl3
NS 512
DS 4
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FIDRES 0.454131 Hz
AQ 1.1010548 sec
RG 575
DW 16.800 usec
DE 6.00 usec
TE 293.7 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
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===== CHANNEL f1 =====
NUC1 13C
P1 9.60 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
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SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

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¹³C NMR of compound 3n