

Electronic supplementary information

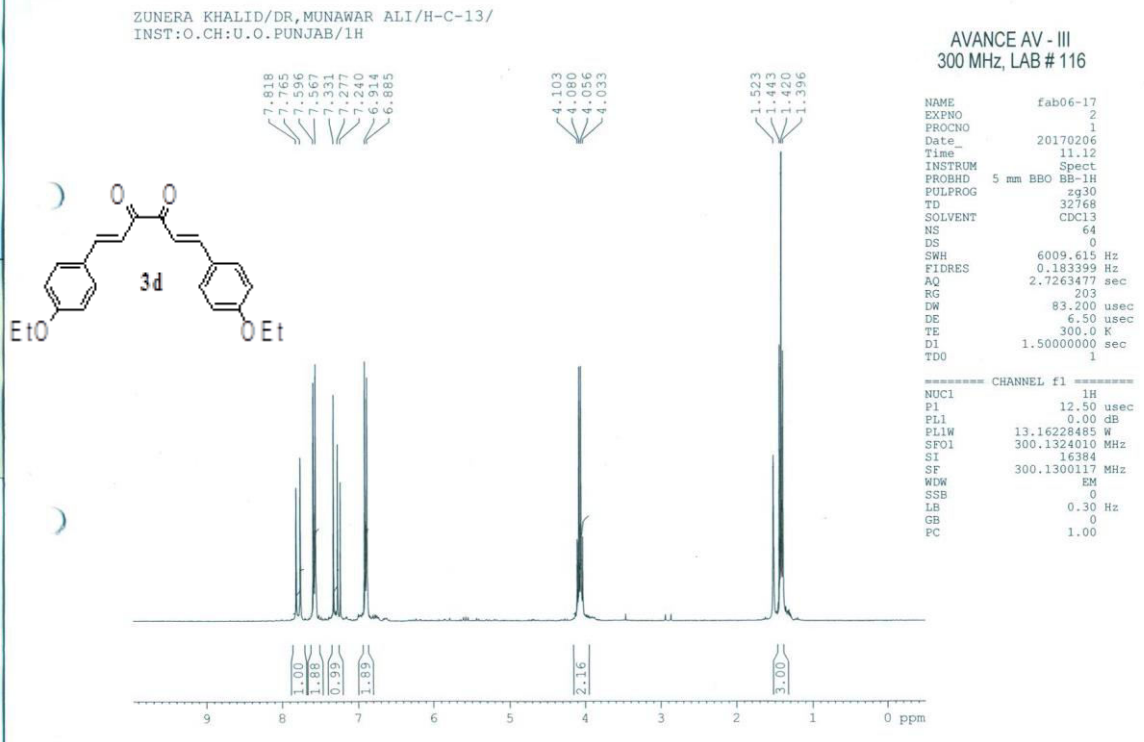
A RAPID AND EFFICIENT PROTOCOL FOR THE SYNTHESIS OF CINNAMILS

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Rabia Babar,^a Munawar Ali Munawar,^a and Salman Gul^b

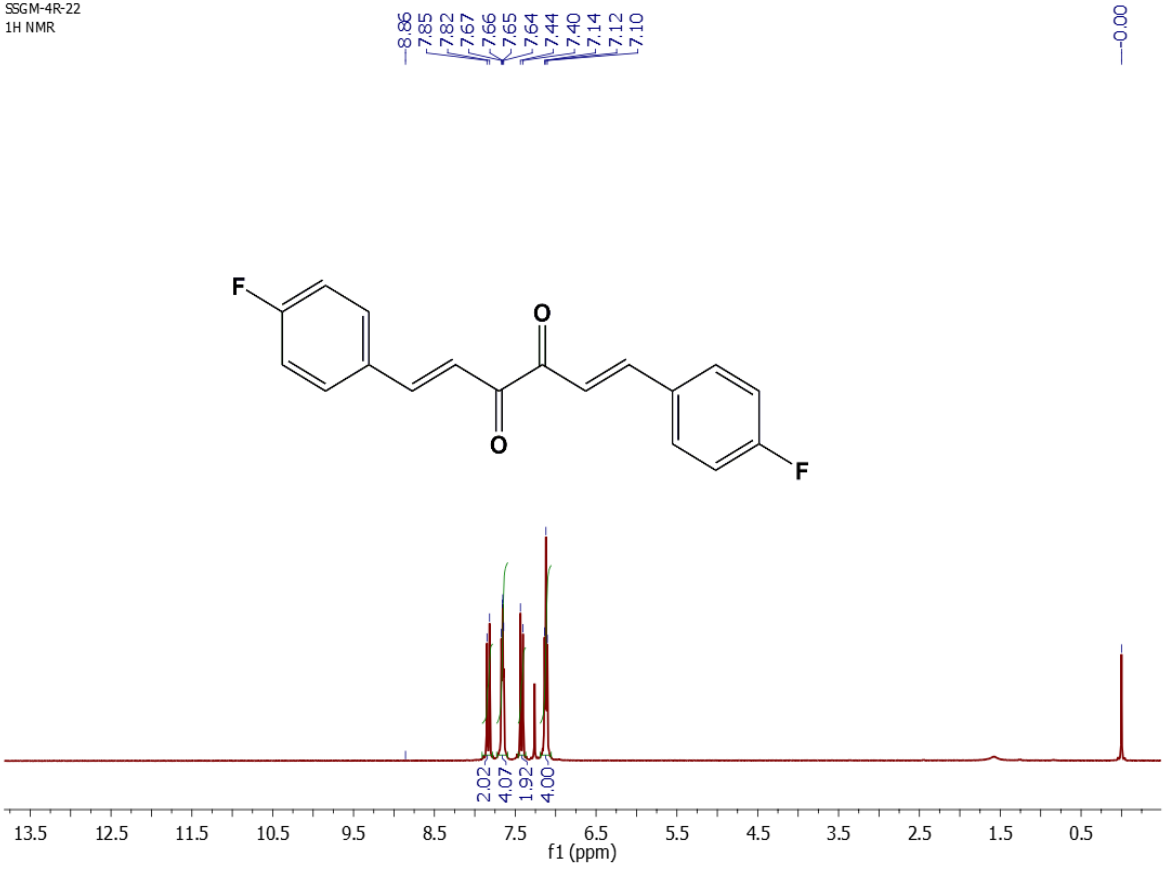
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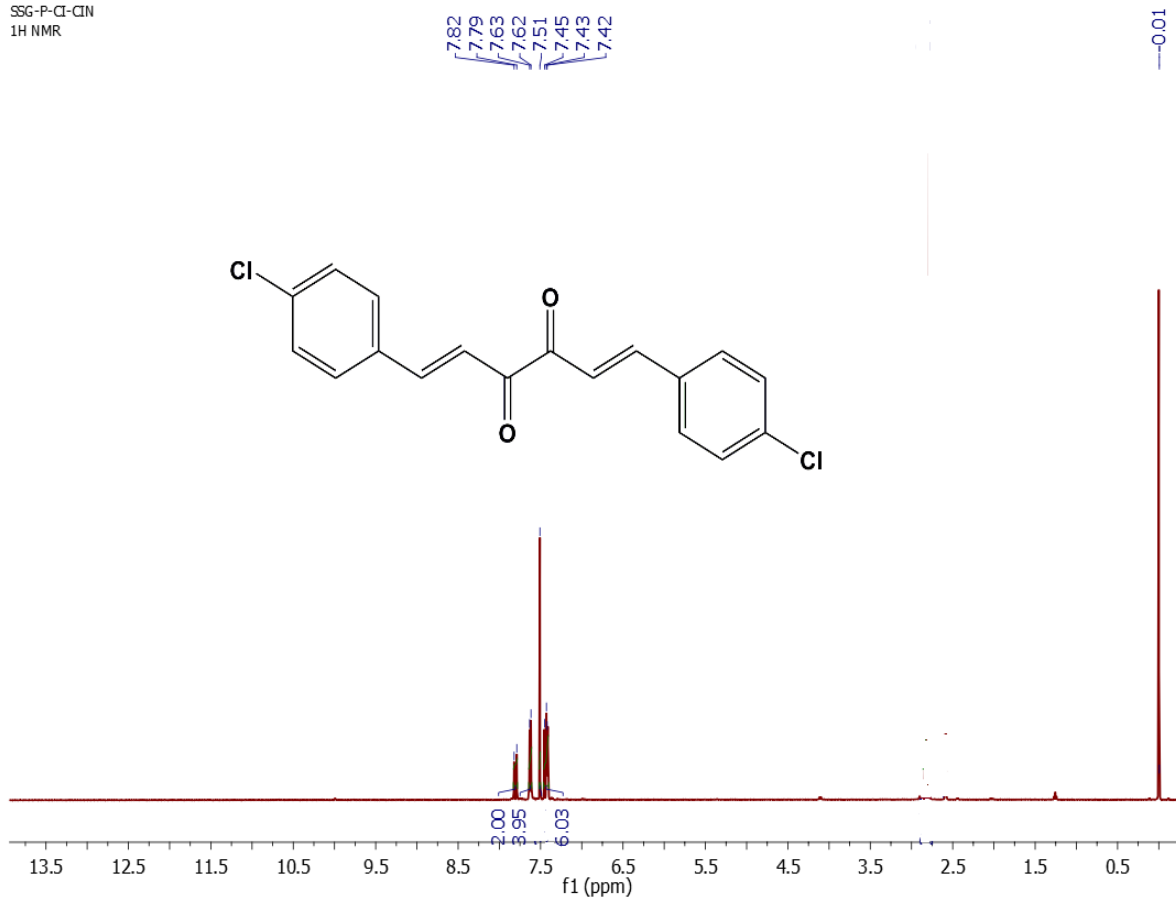
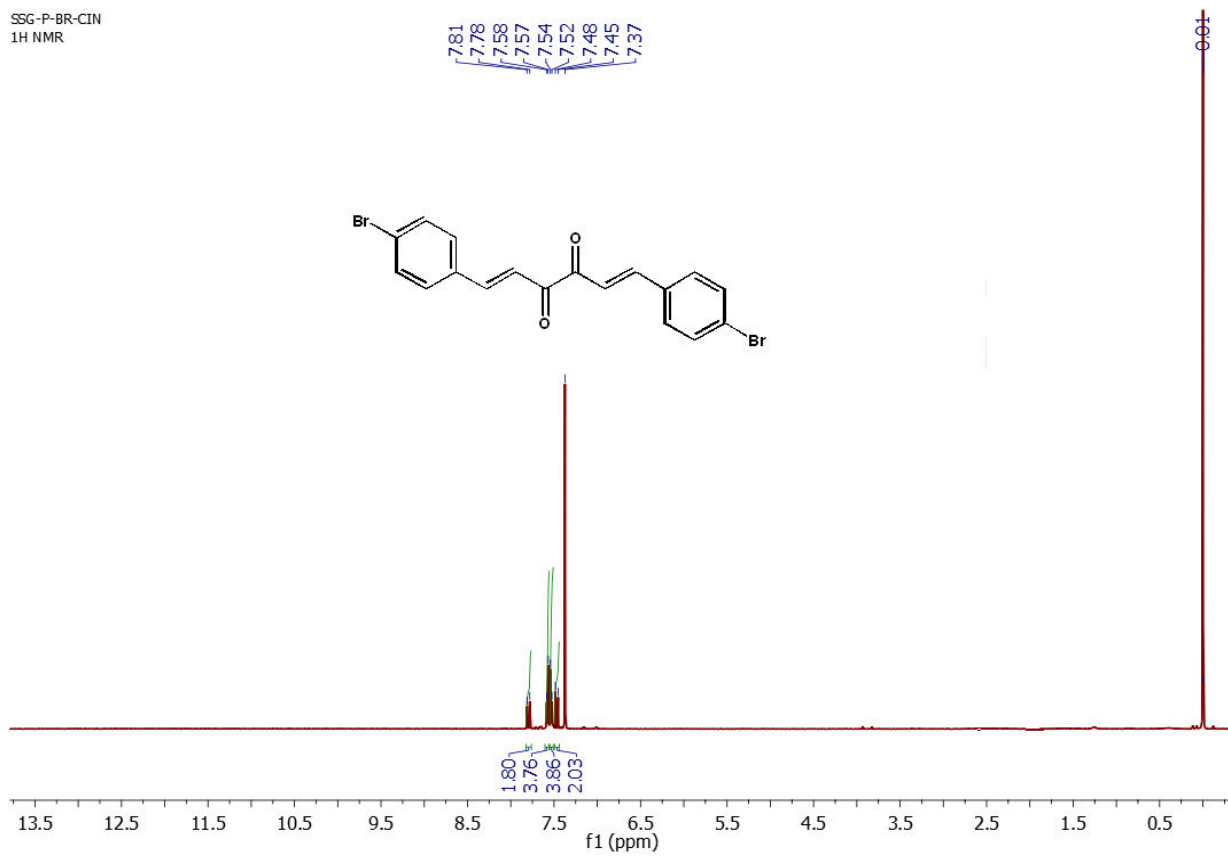
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Department of Chemistry and Materials Science, Northwest University, Xi'an, 710069 PR China*

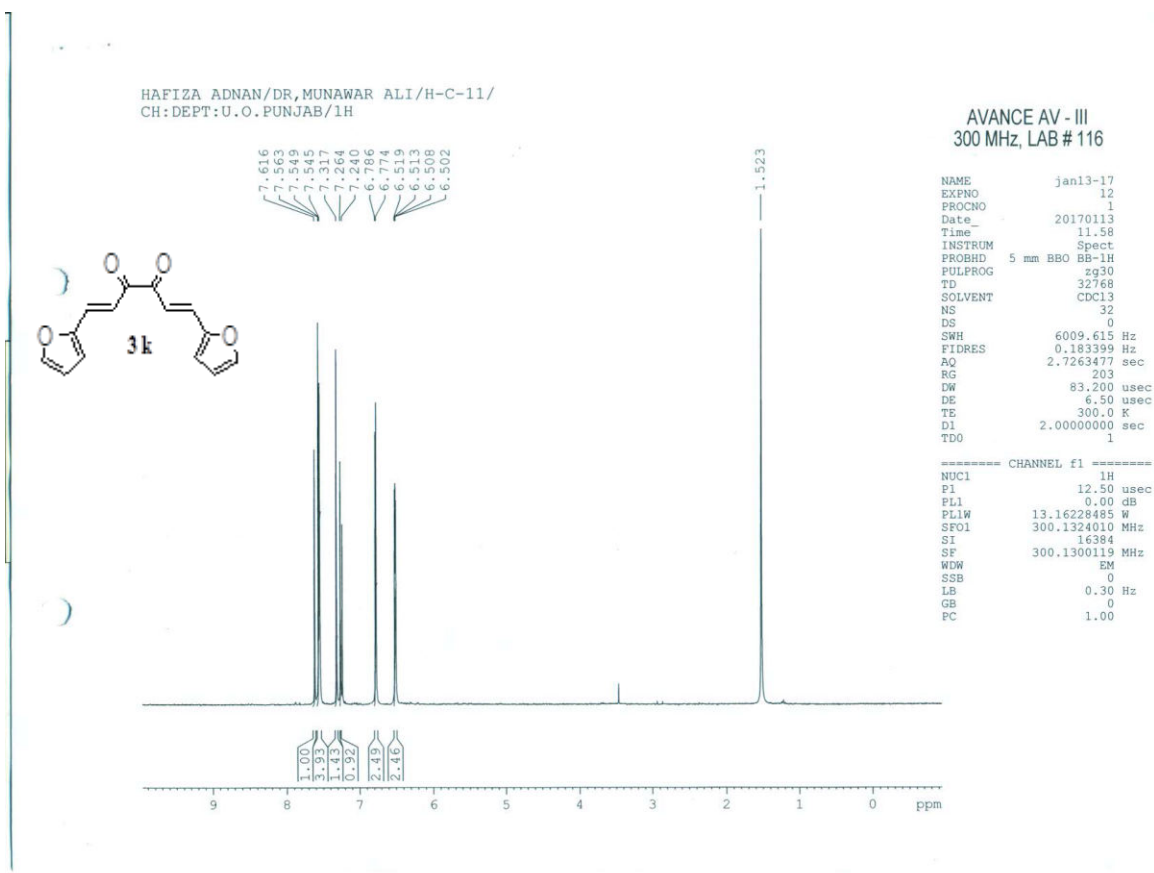
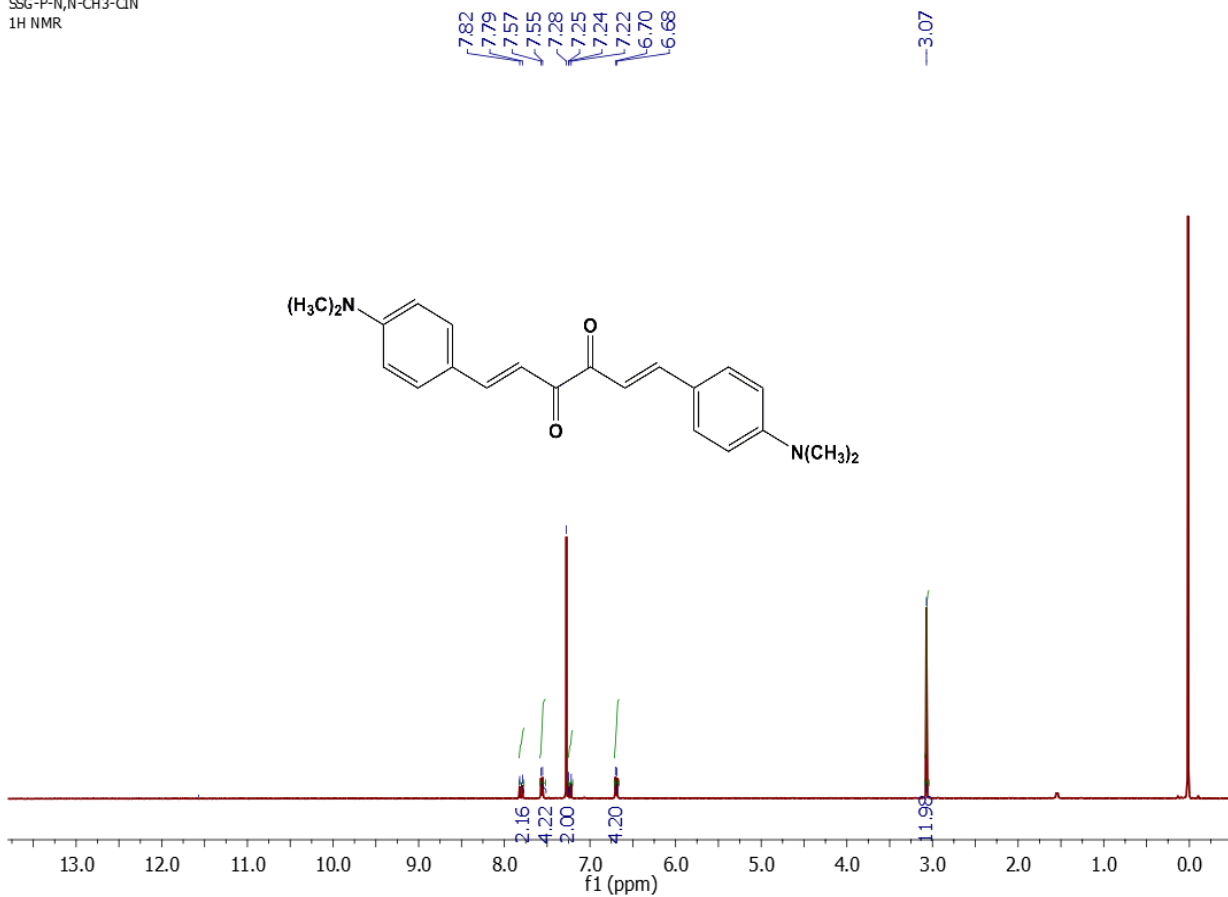


SSGM-4R-22
1H NMR

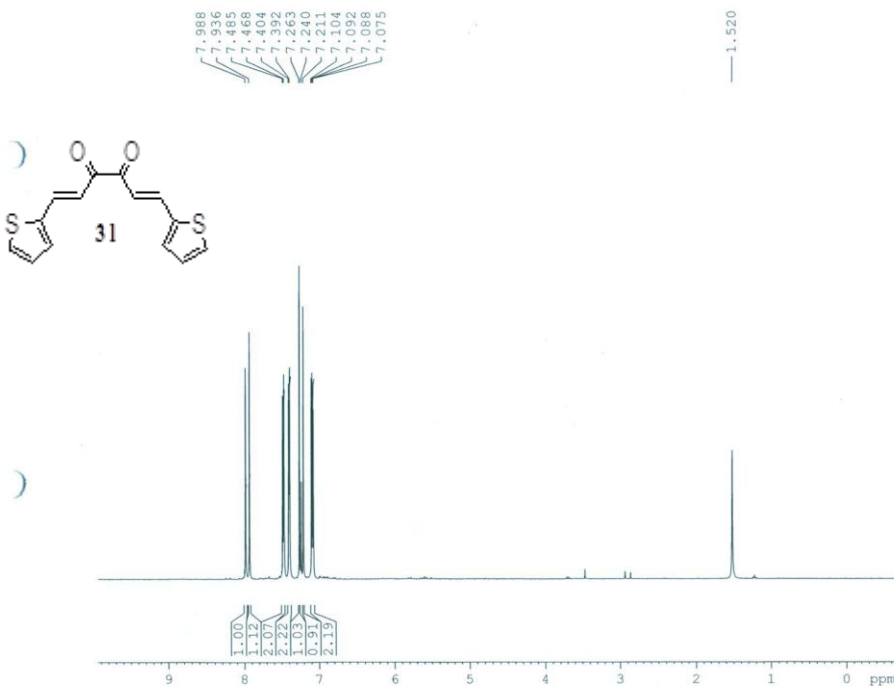


SSG-P-Cl-CIN
1H NMRSSG-P-BR-CIN
1H NMR

SSG-P-N,N-CH3-ClN
1H NMR



HAFIZA ADNAN/DR, MUNAWAR ALI/H-C-10/
CH:DEPT:U.O. PUNJAB/1H

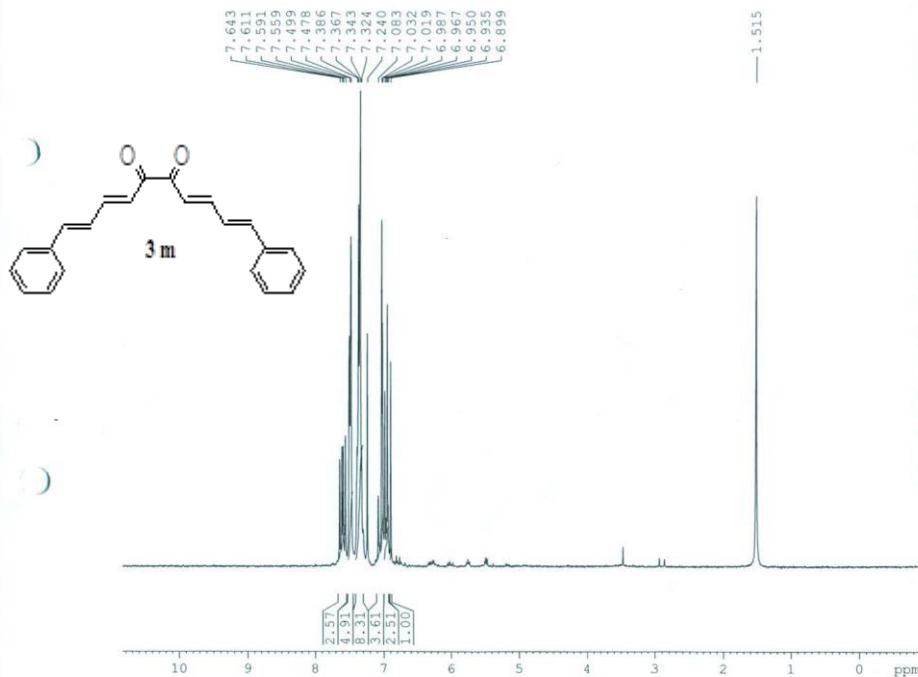


AVANCE AV - III
300 MHz, LAB # 116

NAME jan13-17
EXPNO 13
PROCNO 1
Date_ 20170113
Time 12.04
INSTRUM Spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 0
SWH 6009.615 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 203
DW 83.200 usec
DE 6.50 usec
TE 300.0 K
D1 2.0000000 sec
TDO 1

----- CHANNEL f1 -----
NUC1 1H
P1 12.50 usec
PL1 0.00 dB
PLW 13.16228485 W
SF01 300.1324010 MHz
SI 16384
SF 300.1300119 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

HAFIZA ADNAN/DR, MUNAWAR ALI/H-C-9/
CH:DEPT:U.O. PUNJAB/1H

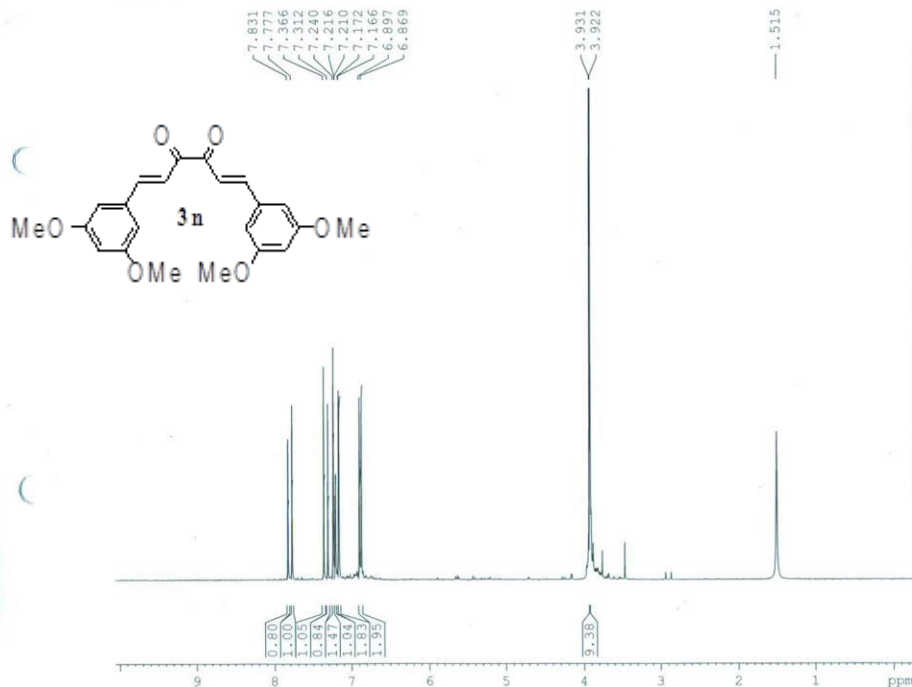


AVANCE AV - III
300 MHz, LAB # 116

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EXPNO 10
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Date_ 20170113
Time 11.30
INSTRUM Spect
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PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 64
DS 0
SWH 6009.615 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 203
DW 83.200 usec
DE 6.50 usec
TE 300.0 K
D1 2.0000000 sec
TDO 1

----- CHANNEL f1 -----
NUC1 1H
P1 12.50 usec
PL1 0.00 dB
PLW 13.16228485 W
SF01 300.1324010 MHz
SI 16384
SF 300.1300119 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

ZUNERA KHALID/DR, MUNAWAR ALI/H-C27/
INST:O.CH:U.O.PUNJAB/1H

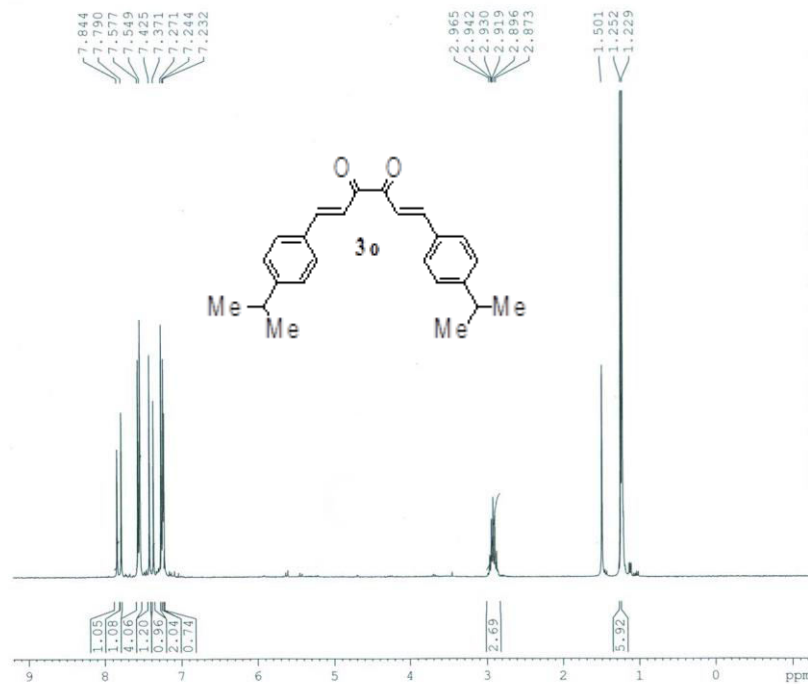


AVANCE AV - III
300 MHz, LAB # 116

NAME fab06-17
EXPNO 9
PROCNO 1
Date_ 20170206
Time 12.47
INSTRUM Spect
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PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 64
DS 0
SWH 6009.615 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 203
DW 83.200 usec
DE 6.50 usec
TE 300.0 K
D1 1.5000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
P1 12.50 usec
PL1 0.00 dB
PL1W 13.16228485 W
SFO1 300.1324010 MHz
SI 16384
SF 300.1300117 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

HAFIZA ADNAN/DR, MUNAWAR ALI/H-C-14/
CH:DEPT:U.O.PUNJAB/1H



AVANCE AV - III
300 MHz, LAB # 116

NAME jan13-17
EXPNO 8
PROCNO 1
Date_ 20170113
Time 11.04
INSTRUM Spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 0
SWH 6009.615 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 203
DW 83.200 usec
DE 6.50 usec
TE 300.0 K
D1 2.0000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
P1 12.50 usec
PL1 0.00 dB
PL1W 13.16228485 W
SFO1 300.1324010 MHz
SI 16384
SF 300.1300143 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00