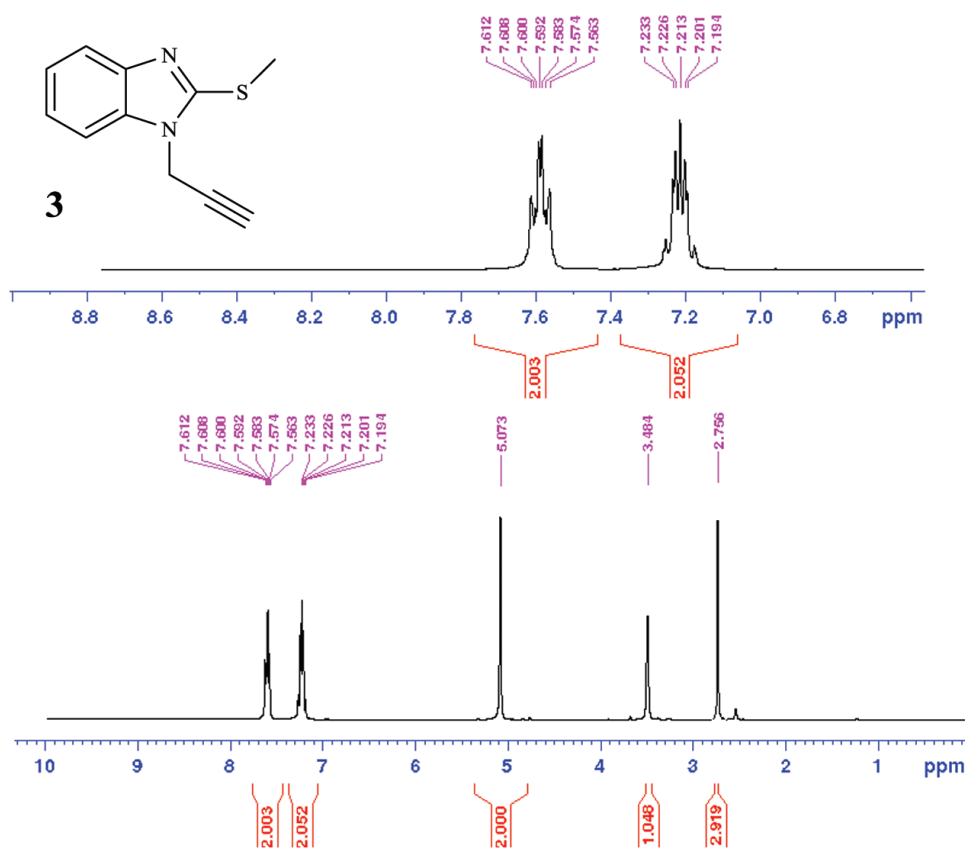


Copper-catalyzed click synthesis of 1,2,3-triazole-linked benzimidazole

Supporting Information

Table of Contents

Copies of ^1H NMR and ^{13}C NMR spectrum of products 3 , 5 , 7a , 7b , 7c , 7d , 7e , 8a , 8b , 8c	S2-S11
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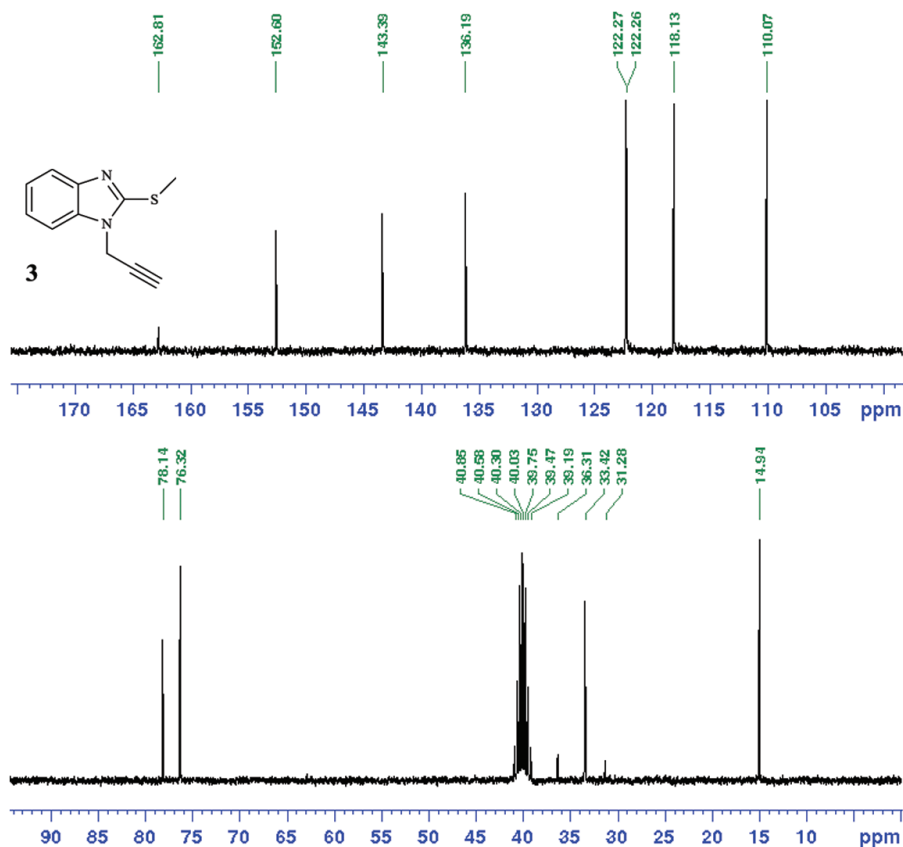


Current Data Parameters
 NAME Dec11-2018-nmr
 EXPNO 14
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20181211
 Time 13.44
 INSTRUM spect
 PROBHD 5 mm FABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 12
 DS 2
 SWH 6009.615 Hz
 FIDRES 0.091699 Hz
 AQ 5.4525952 sec
 RG 52.16
 DW 83.200 usec
 DE 6.50 usec
 TE 297.3 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 SFO1 300.8118576 MHz
 NUC1 1H
 P1 15.00 usec
 PLW1 6.40000010 W

F2 - Processing parameters
 SI 65536
 SF 300.8100000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



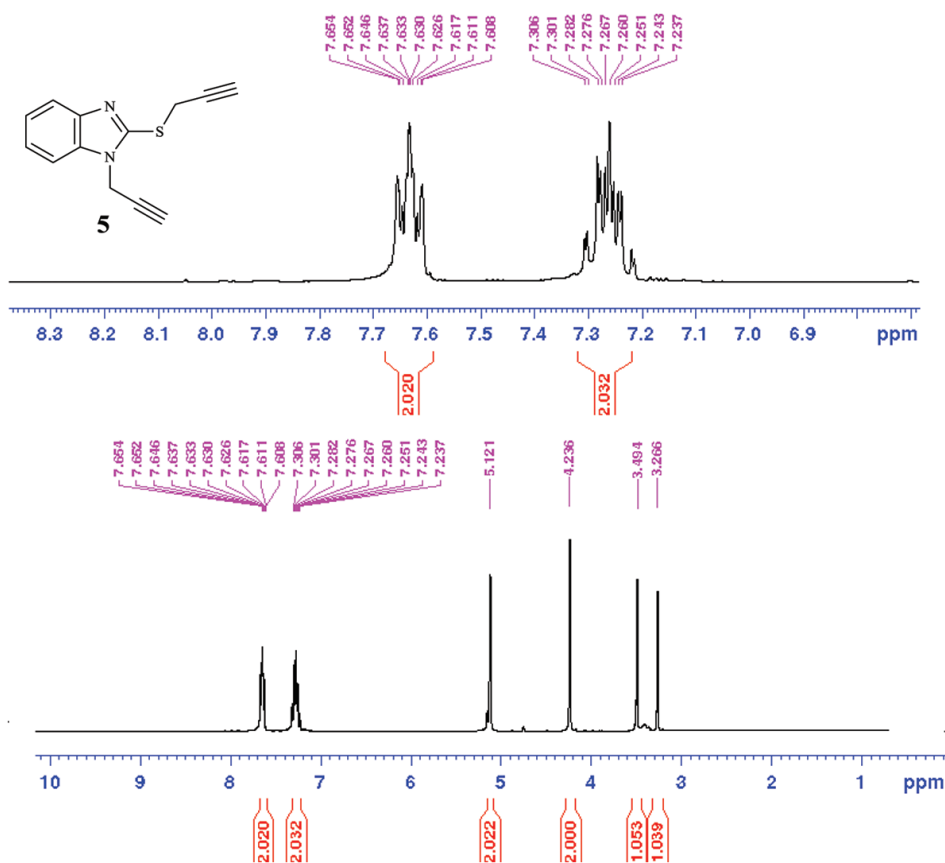
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 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20181211
 Time 13.49
 INSTRUM spect
 PROBHD 5 mm FABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 64
 DS 4
 SWH 18115.941 Hz
 FIDRES 0.276427 Hz
 AQ 1.8087935 sec
 RG 202
 DW 27.600 usec
 DE 6.50 usec
 TE 297.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

----- CHANNEL f1 -----
 SFO1 75.6462982 MHz
 NUC1 13C
 P1 10.00 usec
 PLW1 30.00000000 W

----- CHANNEL f2 -----
 SFO2 300.8112032 MHz
 NUC2 1H
 CPDPRG2 waltz16
 PCPD2 90.00 usec
 PLW2 6.40000010 W
 PLW12 0.17778000 W
 PLW13 0.14399999 W

F2 - Processing parameters
 SI 32768
 SF 75.6387350 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

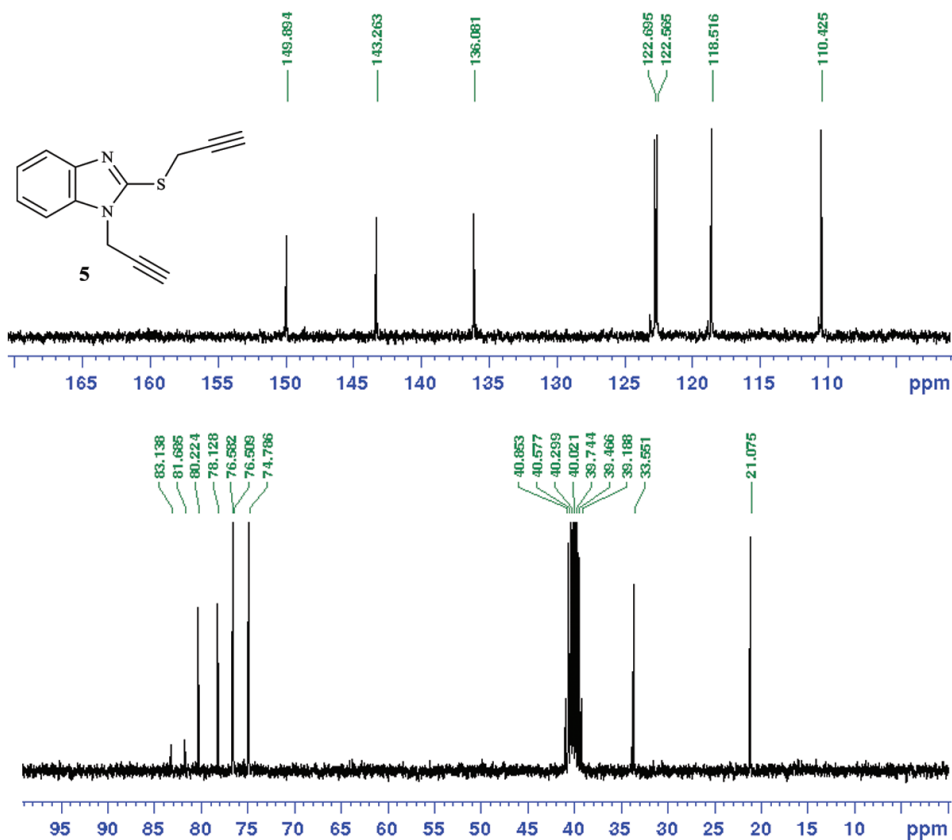


Current Data Parameters
 NAME Dec11-2018-nmr
 EXPNO 16
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20181211
 Time 13.58
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 2
 SWH 6009.615 Hz
 FIDRES 0.091699 Hz
 AQ 5.4525952 sec
 RG 89.13
 DW 83.200 usec
 DE 6.50 usec
 TE 297.3 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 SFO1 300.8118576 MHz
 NUC1 1H
 P1 15.00 usec
 PLW1 6.40000010 W

F2 - Processing parameters
 SI 65536
 SF 300.8100000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 FC 1.00



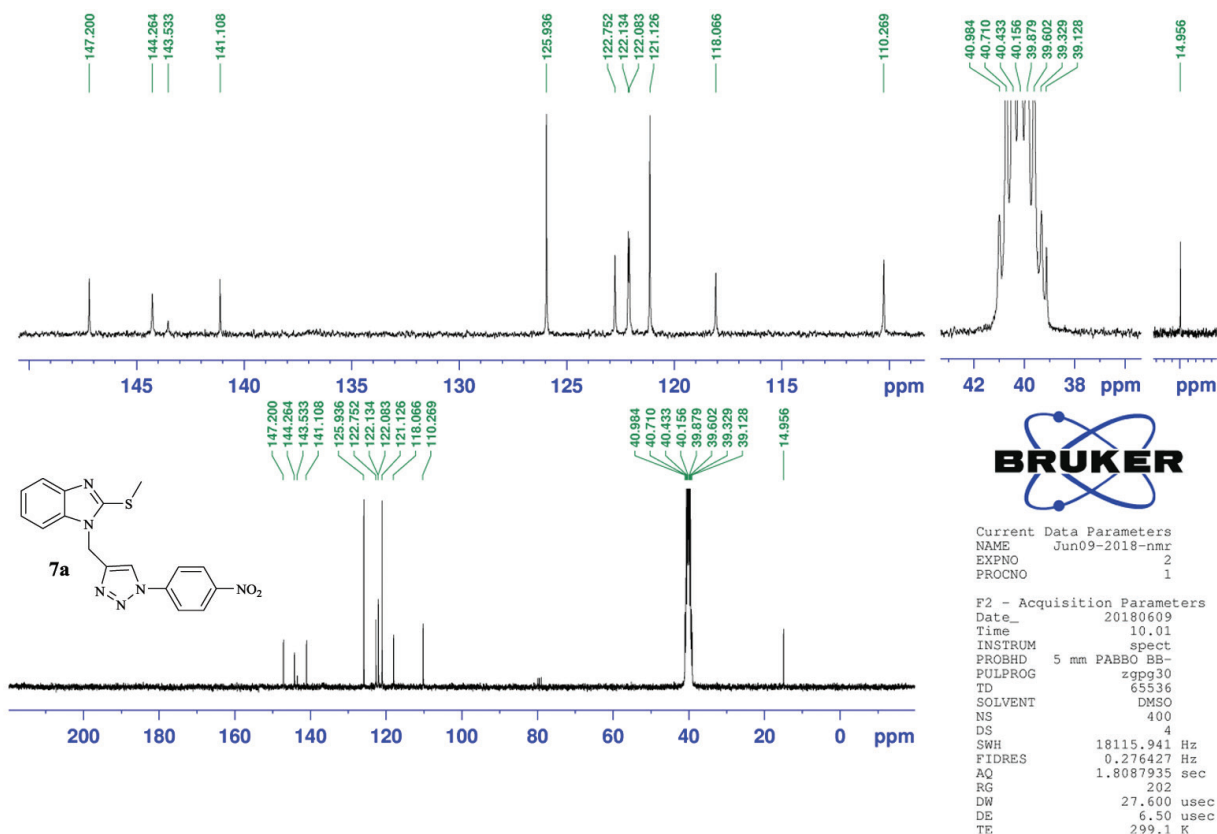
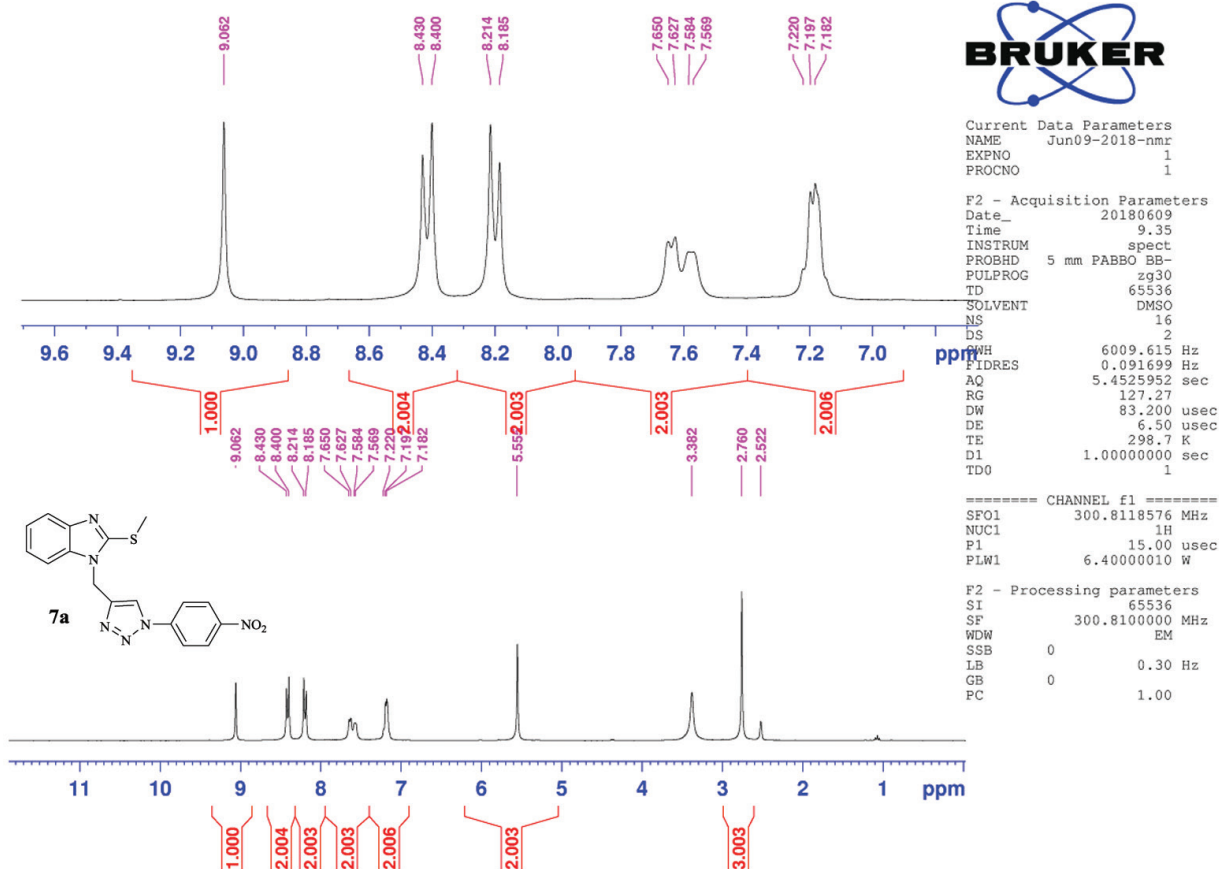
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 PROCNO 1

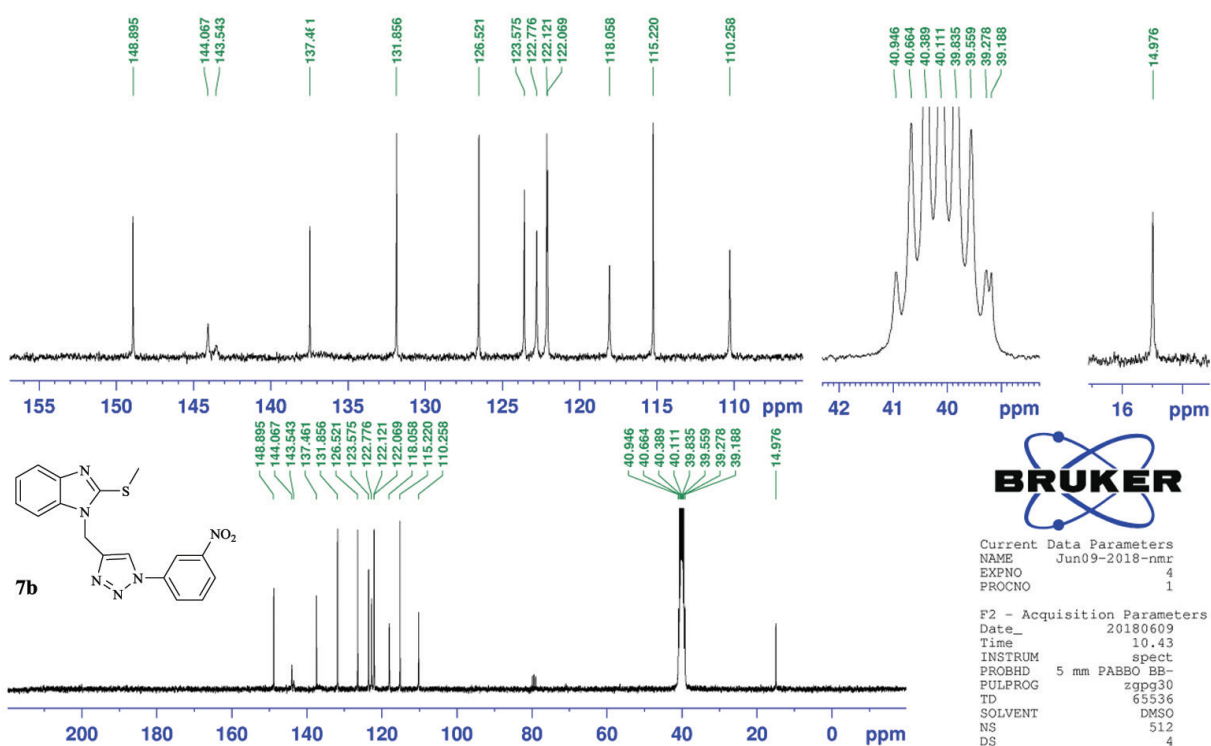
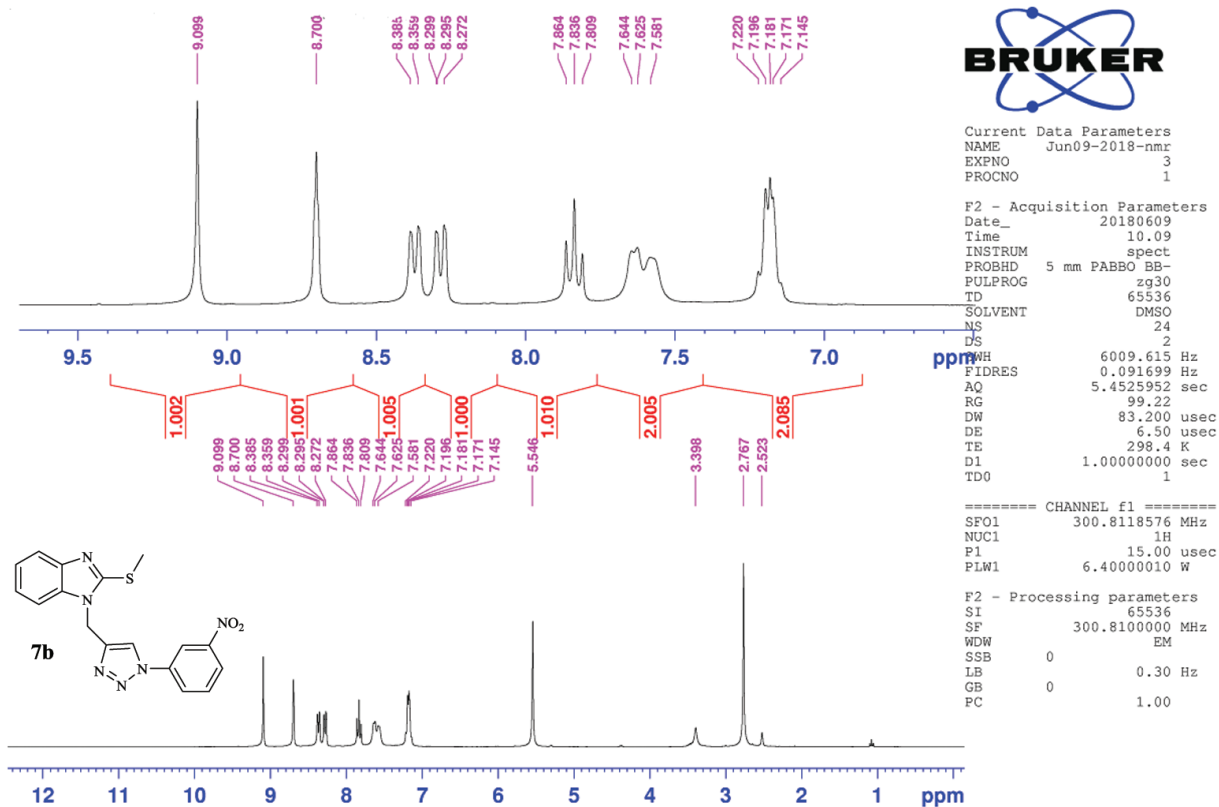
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 Date_ 20181211
 Time 14.05
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 96
 DS 4
 SWH 18115.941 Hz
 FIDRES 0.276427 Hz
 AQ 1.8087935 sec
 RG 202
 DW 27.600 usec
 DE 6.50 usec
 TE 297.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

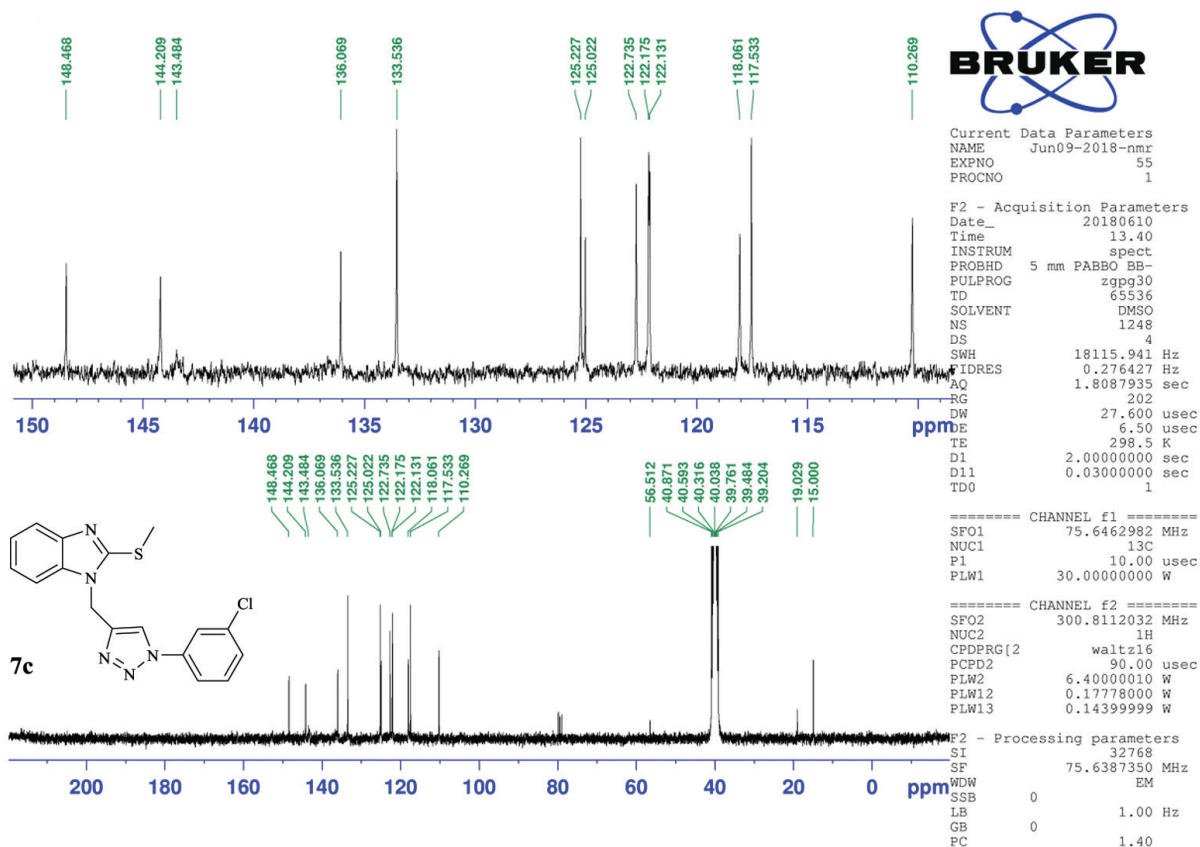
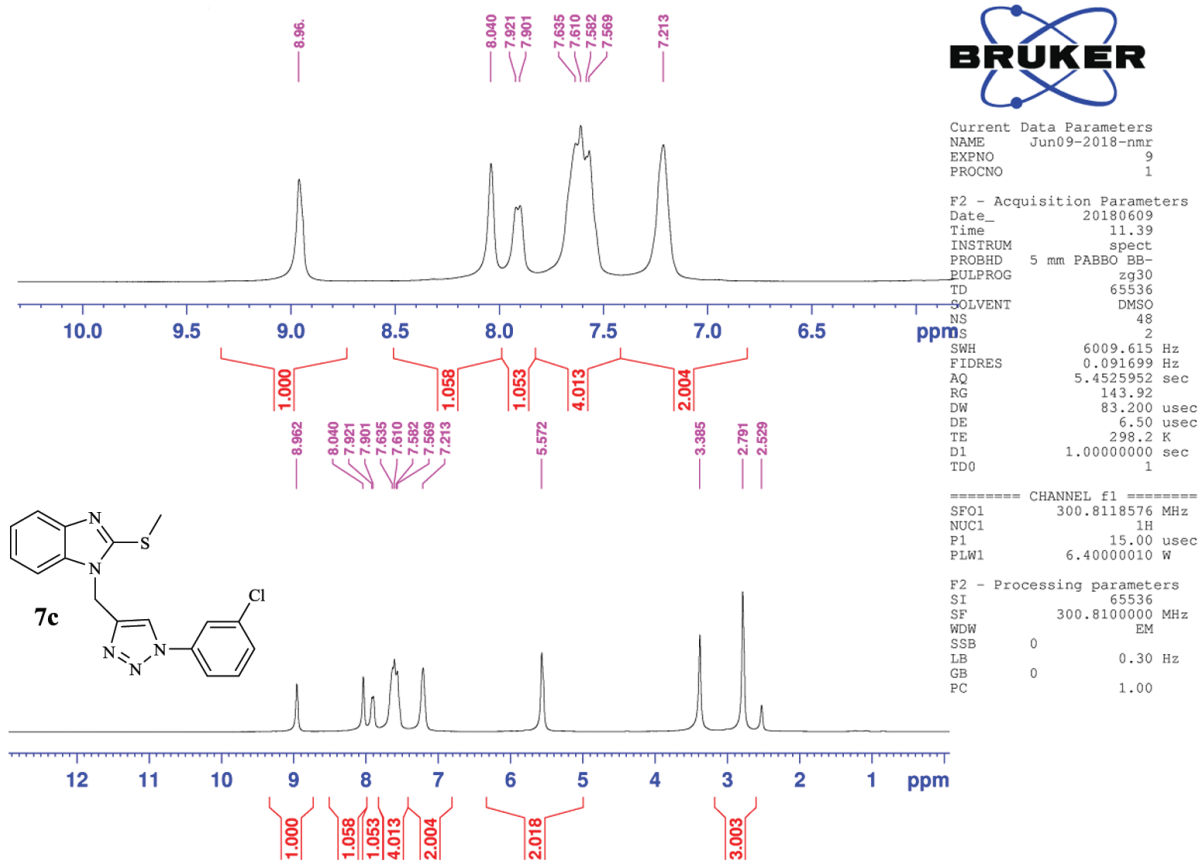
----- CHANNEL f1 -----
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 NUC1 13C
 P1 10.00 usec
 PLW1 30.00000000 W

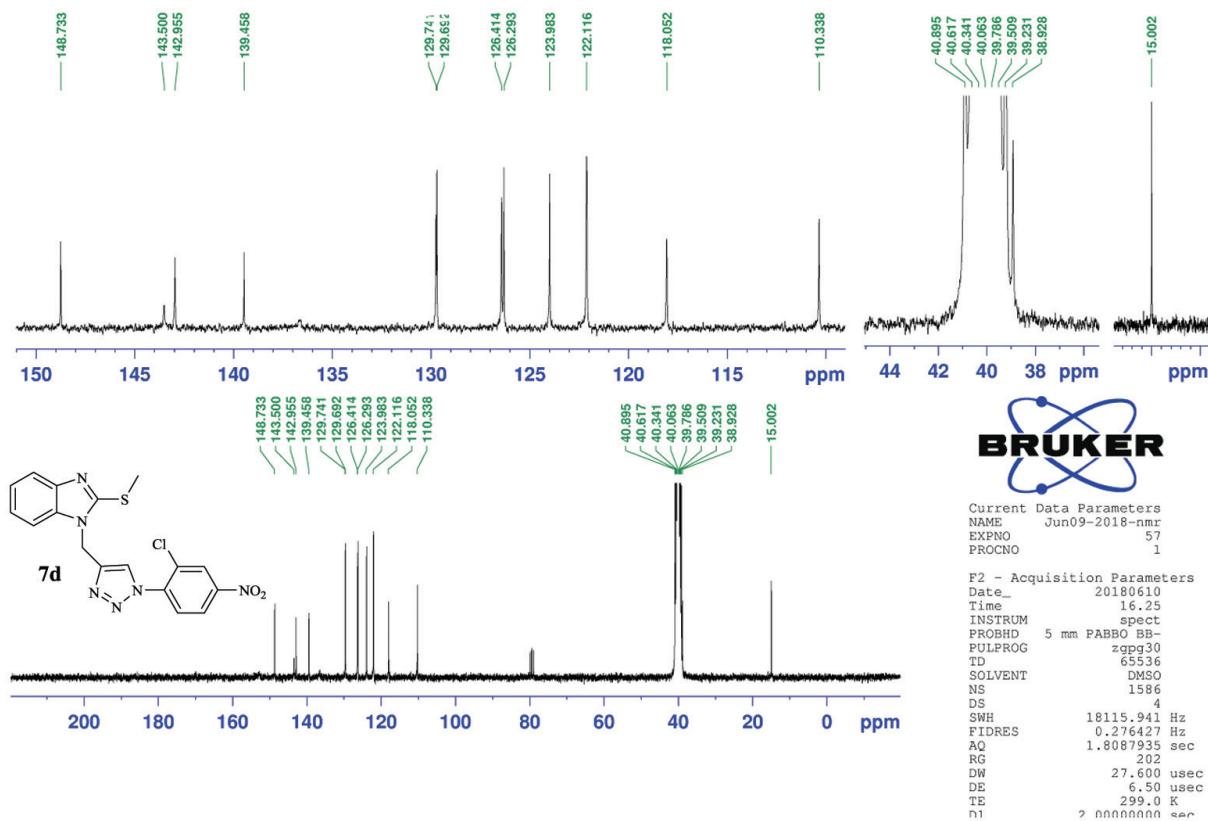
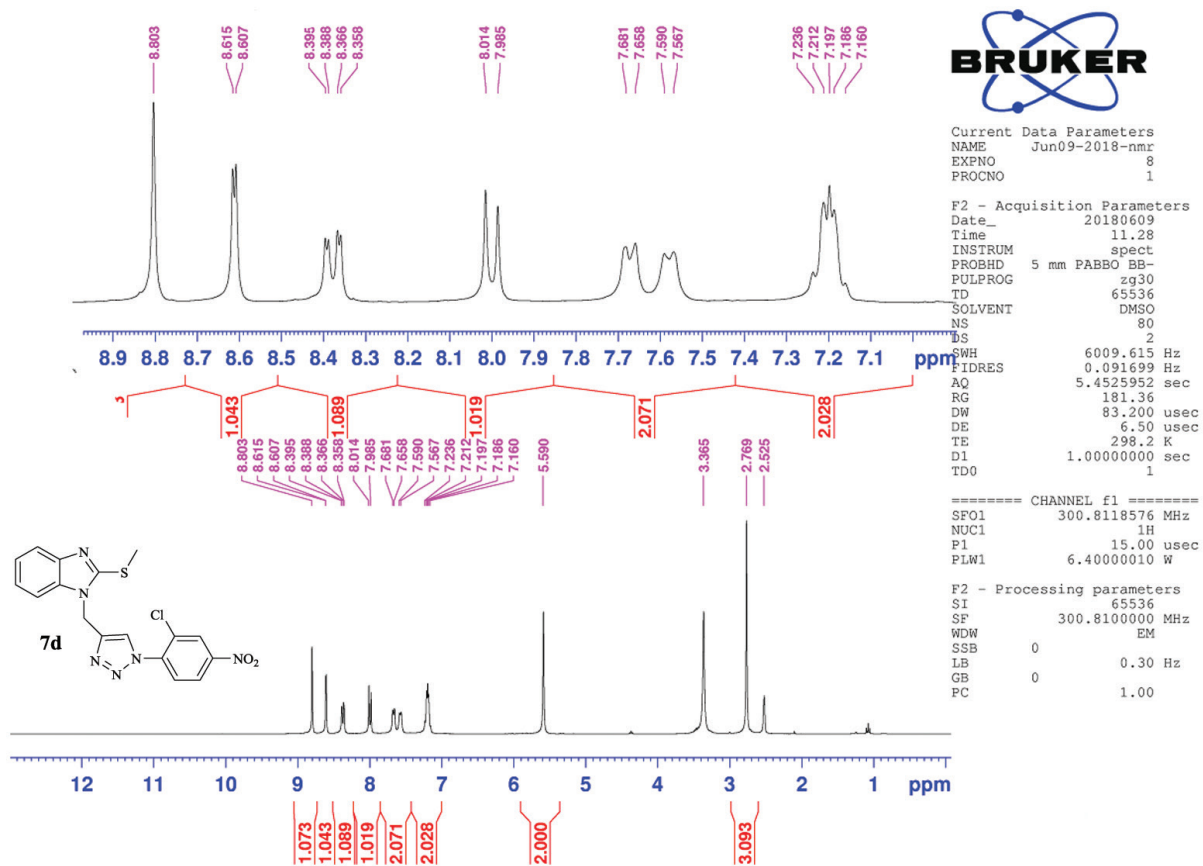
----- CHANNEL f2 -----
 SFO2 300.8112032 MHz
 NUC2 1H
 CPDPRG2 waltz16
 ECDP2 90.00 usec
 PLW2 6.40000010 W
 PLW12 0.17778000 W
 PLW13 0.14399999 W

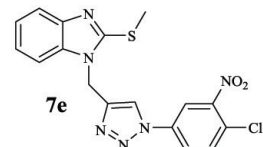
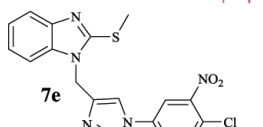
F2 - Processing parameters
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 SF 75.6387350 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 FC 1.40

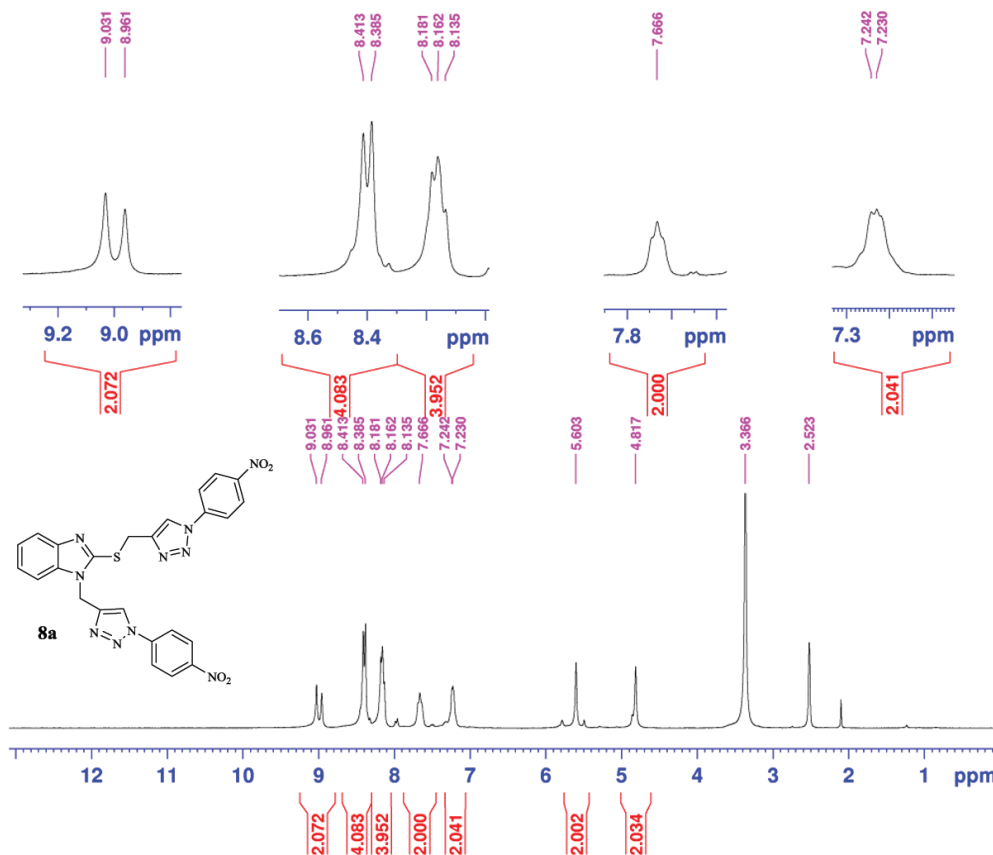










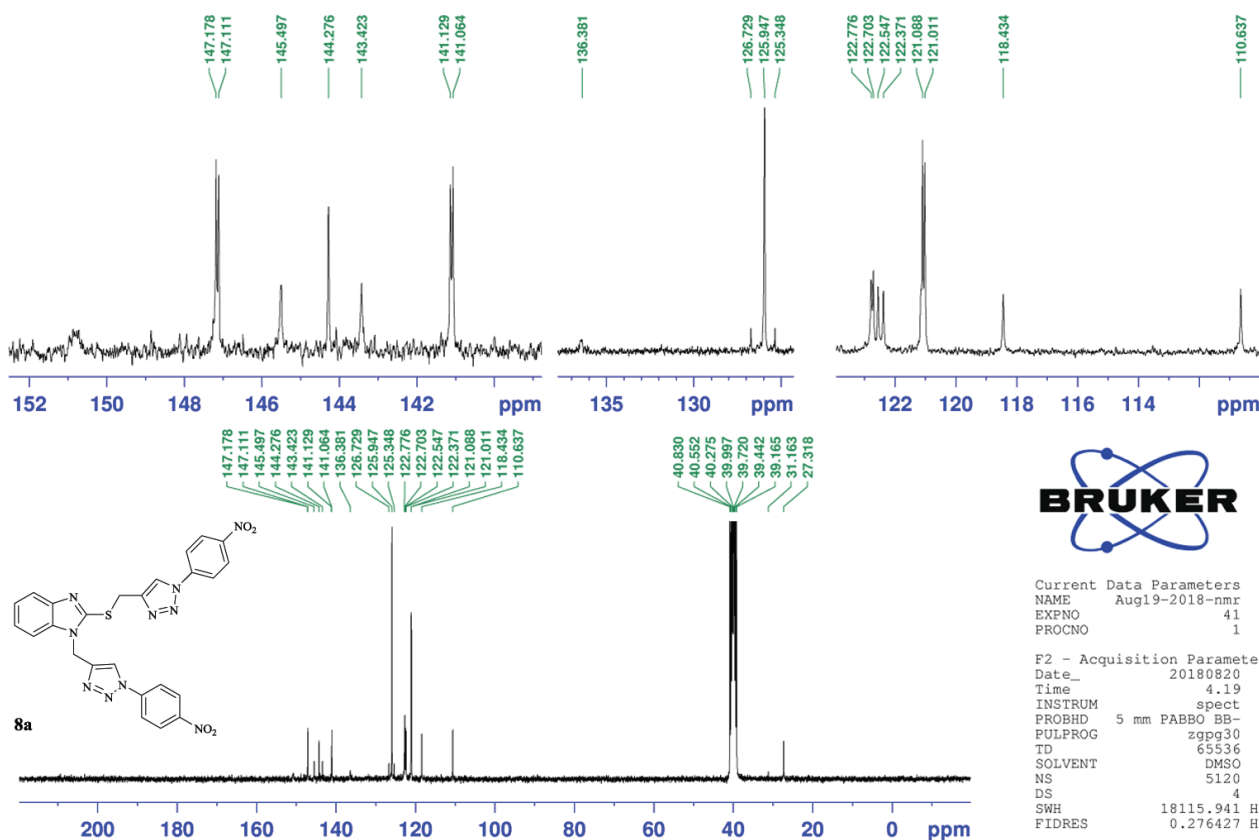


Current Data Parameters
 NAME Aug19-2018-nmr
 EXPNO 40
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20180819
 Time 22.44
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 2
 SWH 6009.615 Hz
 FIDRES 0.091699 Hz
 AQ 5.4525952 sec
 RG 143.92
 DW 83.200 usec
 DE 6.50 usec
 TE 298.9 K
 D1 1.00000000 sec
 TDO 1

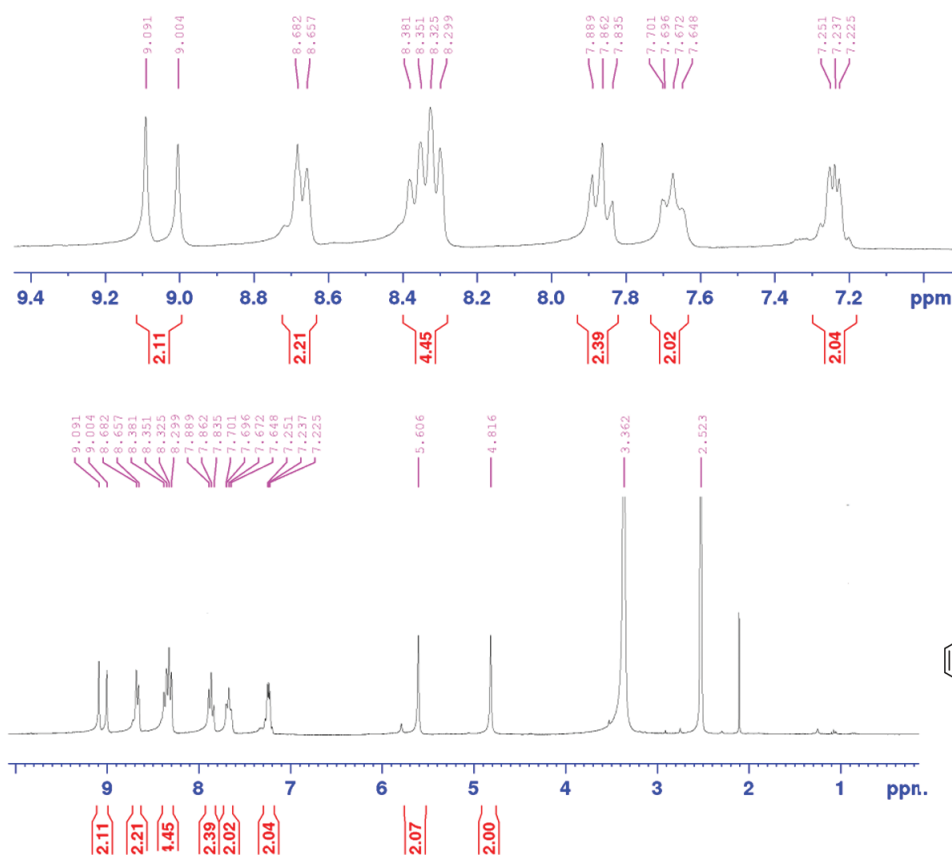
===== CHANNEL f1 =====
 SFO1 300.8118576 MHz
 NUC1 1H
 P1 15.00 usec
 PLW1 6.40000010 W

F2 - Processing parameters
 SI 65536
 SF 300.8100000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



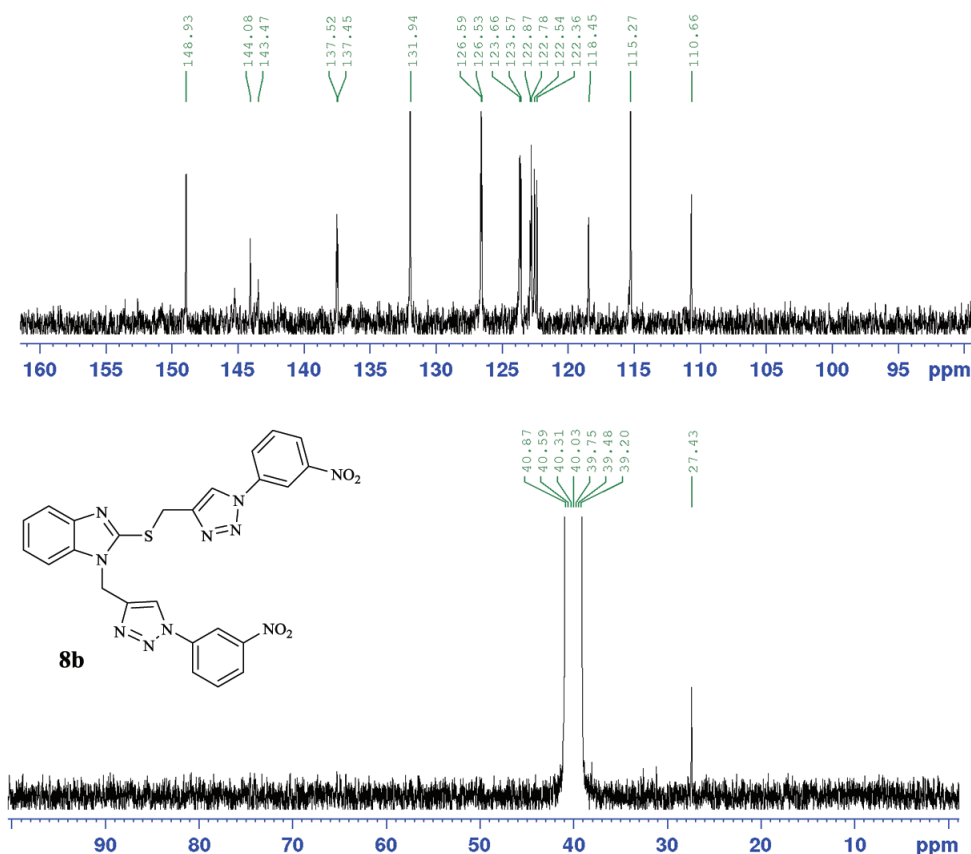
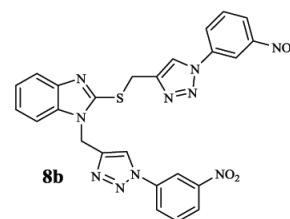
Current Data Parameters
 NAME Aug19-2018-nmr
 EXPNO 41
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20180820
 Time 4.19
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 5120
 DS 4
 SWH 18115.941 Hz
 FIDRES 0.276427 Hz



Current Data Parameters
NAME Sep12-2018-nmr
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180912
Time 13.28
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 256
DS 2
SWH 6009.615 Hz
FIDRES 0.091699 Hz
AQ 5.4525952 sec
RG 202
DW 83.200 usec
DE 6.50 usec
TE 296.7 K
D1 1.00000000 sec
TD0 1



Current Data Parameters
NAME Sep21-2018-nmr
EXPNO 39
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180923
Time 8.36
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 10240
DS 4
SWH 18115.941 Hz
FIDRES 0.276427 Hz
AQ 1.8087935 sec
RG 202
DW 27.600 usec
DE 6.50 usec
TE 298.6 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 75.6462982 MHz
NUC1 13C
P1 10.00 usec
PLW1 30.00000000 W

===== CHANNEL f2 =====
SFO2 300.8112032 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 90.00 usec
PLW2 6.40000010 W
PLW12 0.17778000 W
PLW13 0.14399999 W

F2 - Processing parameters
SI 32768
SF 75.6387350 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

