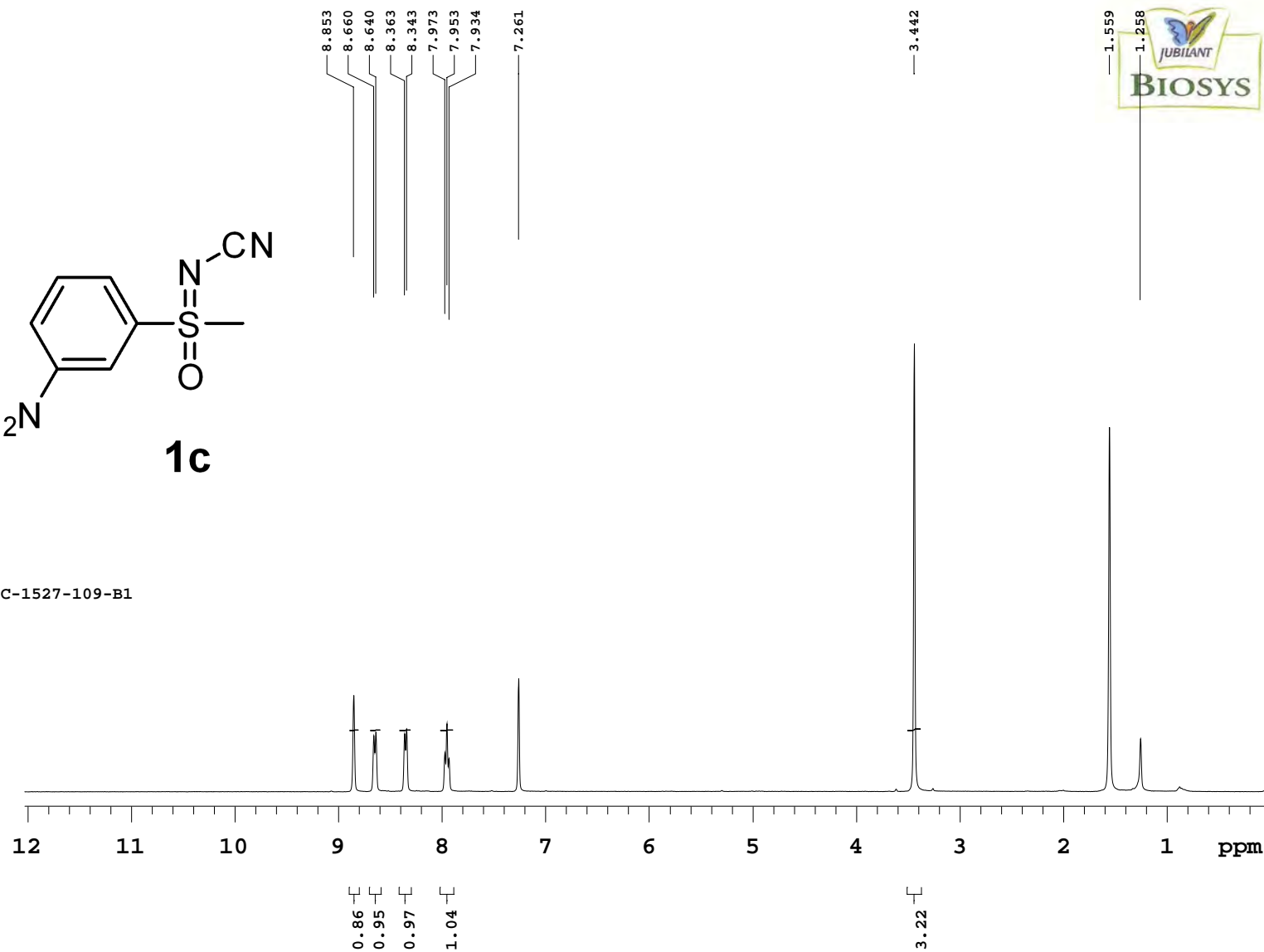
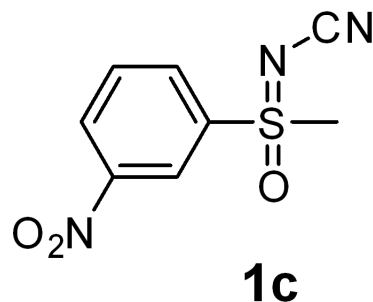


NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.95
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : May 21 2019
TIME : 13:48:09

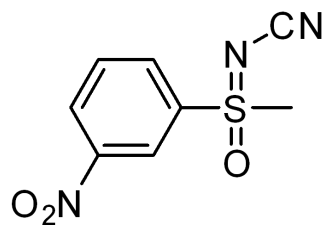


NMR REPORTS:

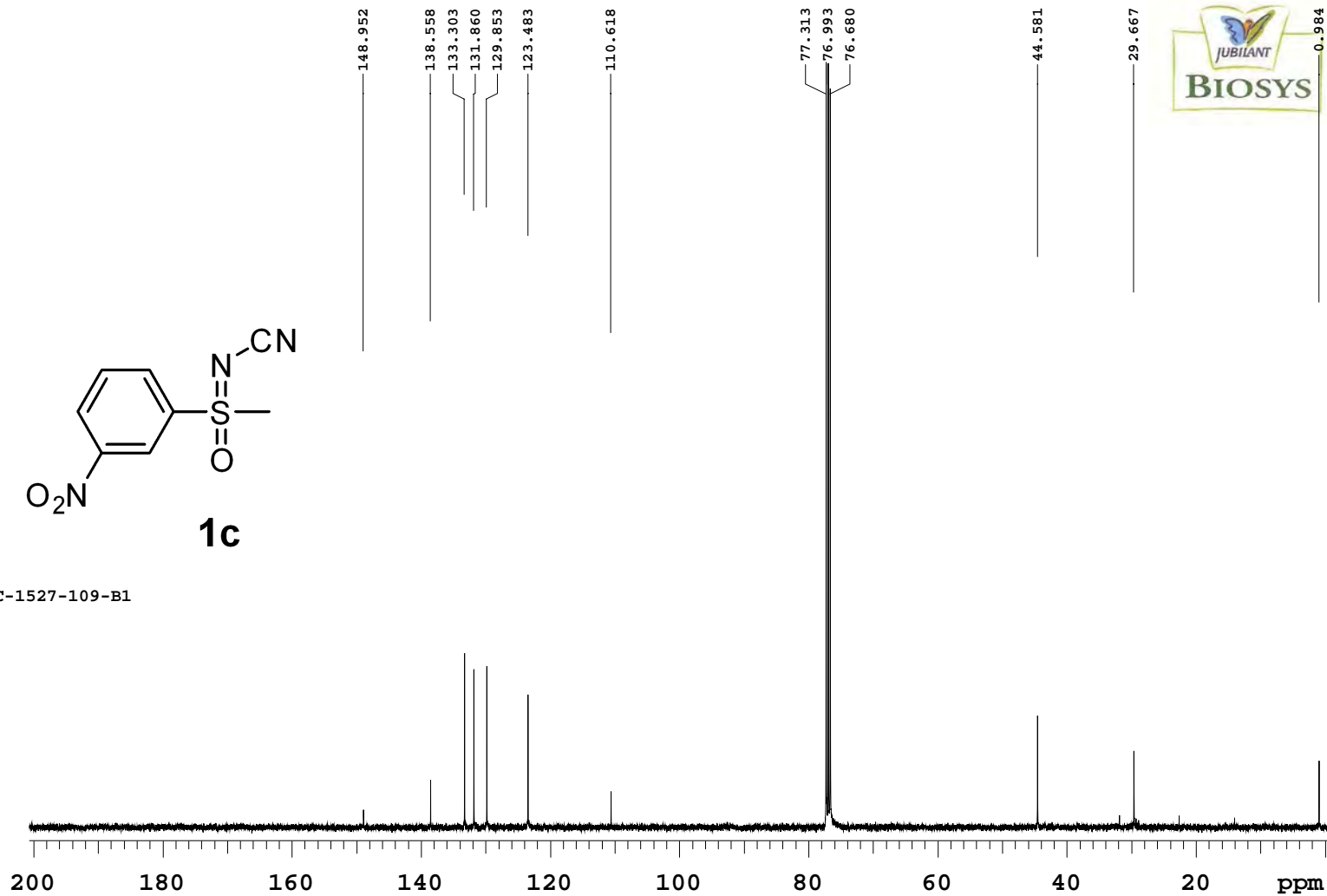
PROJECT NAME : JBPHD1-JBL-C-1527-109-B1

PROBE: ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : May 21 2019
TIME : 19:21:45



1c

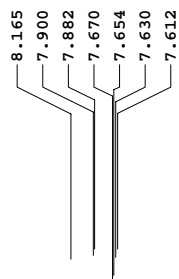
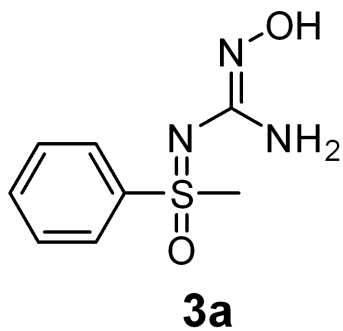


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-109-B1

PROBE: ATB

NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 21 2018
TIME : 16:31:15



5.108

3.305
3.255

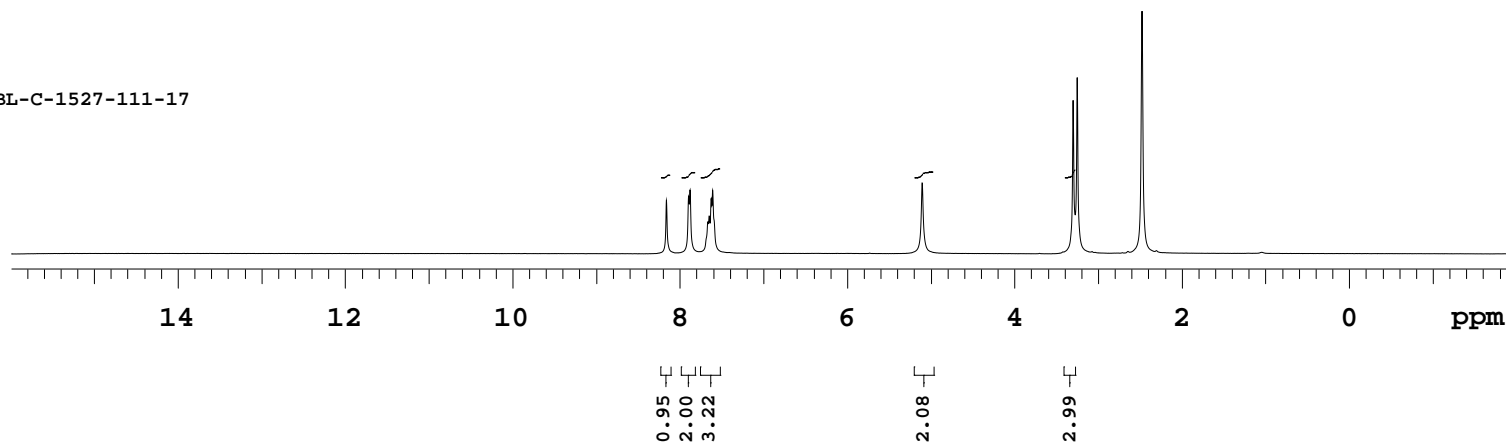
2.481



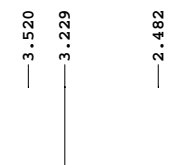
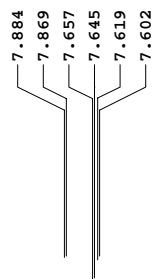
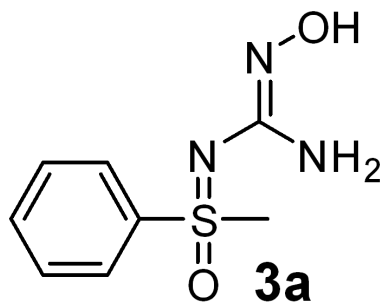
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-111-17

Probe:ATB



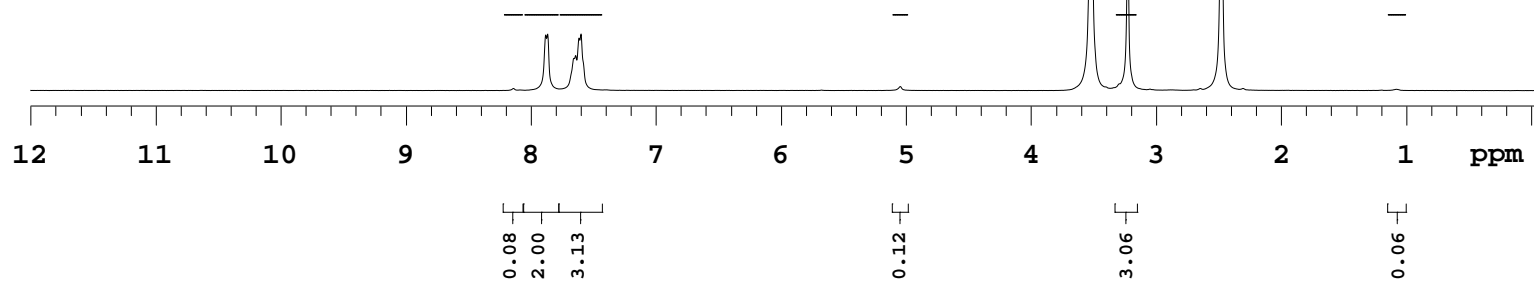
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 22 2018
TIME : 12:26:24



NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-111-17

Probe:ATB





704770_NOE

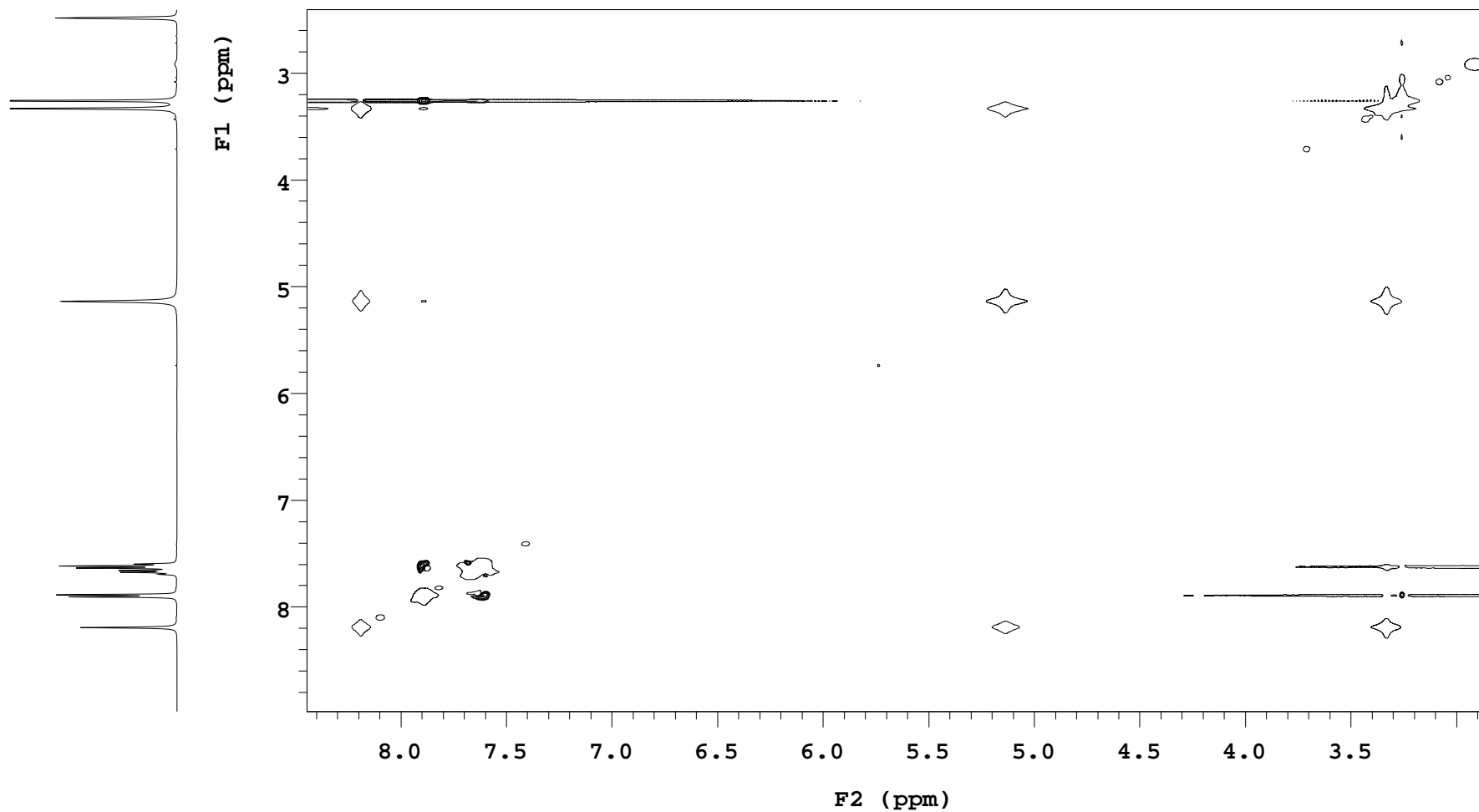
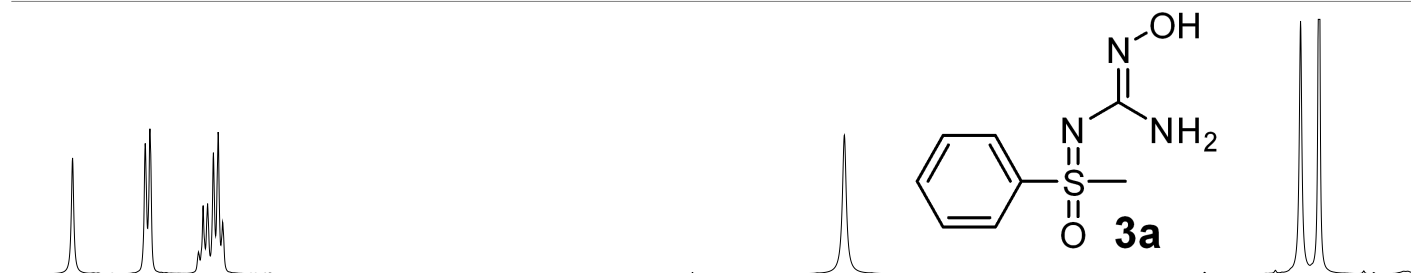
Sample Name 704770_NOE
Date collected 2019-09-18

Pulse sequence NOESY
Solvent dmsd

Temperature 100
Spectrometer BIO-INST-069.localdomain-vnmr400
Study owner vnmr1
vnmr1

NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-111-17
PROBE: ATB



JUBILANT BIOSYS, BANGALORE

Sample Name: JBPHD1-JBL-C-1527-111-17
Test Type: HPLC
Sample Set Name: X-BridgeC-18_AH_ACN
Injection Volume: 8.00 ul
Date Acquired: 9/13/2019 1:18:42 PM IST

Processing Method: X-BridgeC-18_AH_ACN
Done by: VINOD KUMAR
Vial: 52
Proc. Chnl. Descr.: 254nm
Date Processed: 9/13/2019 3:05:21 PM IST

Analytical Conditions:

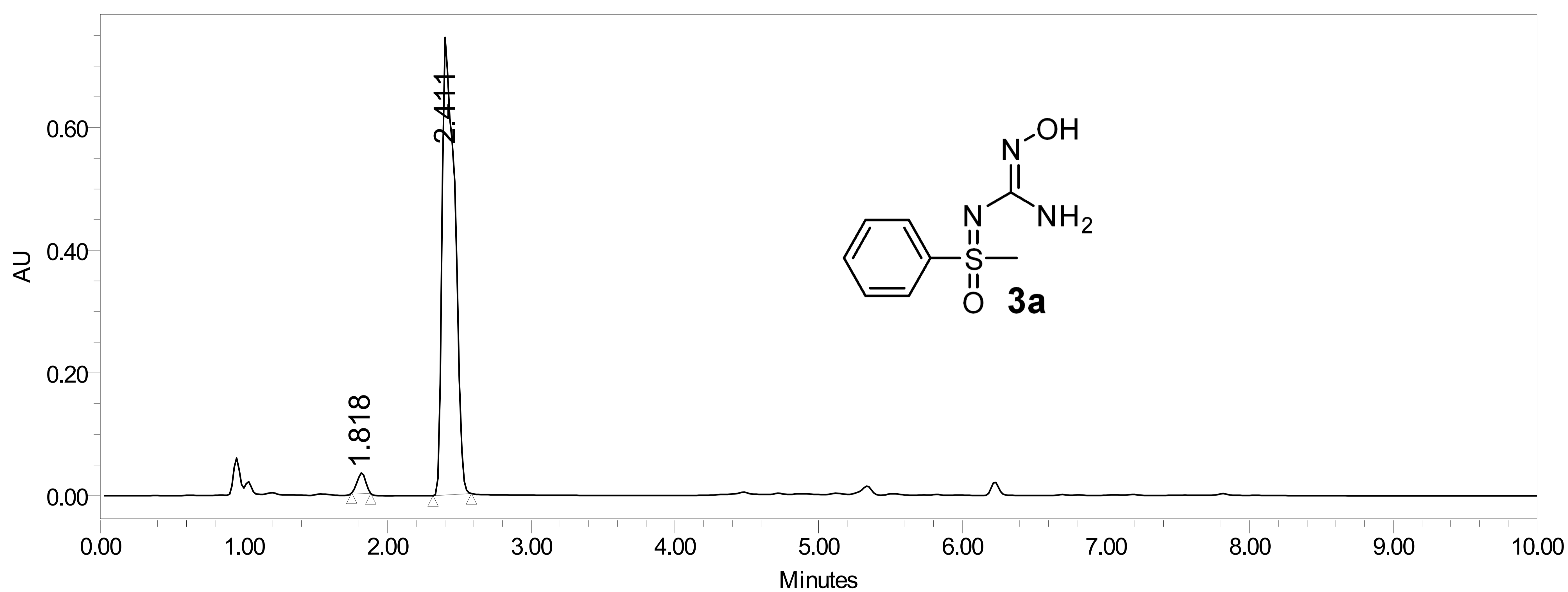
Column : X-Bridge C18 (100mm X 4.6mm X 3.5mic)

Mobile phase(A) : 0.1% Ammonia in water

Mobile phase(B) : ACN

Flow rate : 1.0 mL/min

T/%B: 0/5,2/5, 4/60,6/90,9/10,10/10



1.818	134429	2.89
2.411	4523499	97.11

JUBILANT BIOSYS, BANGALORE

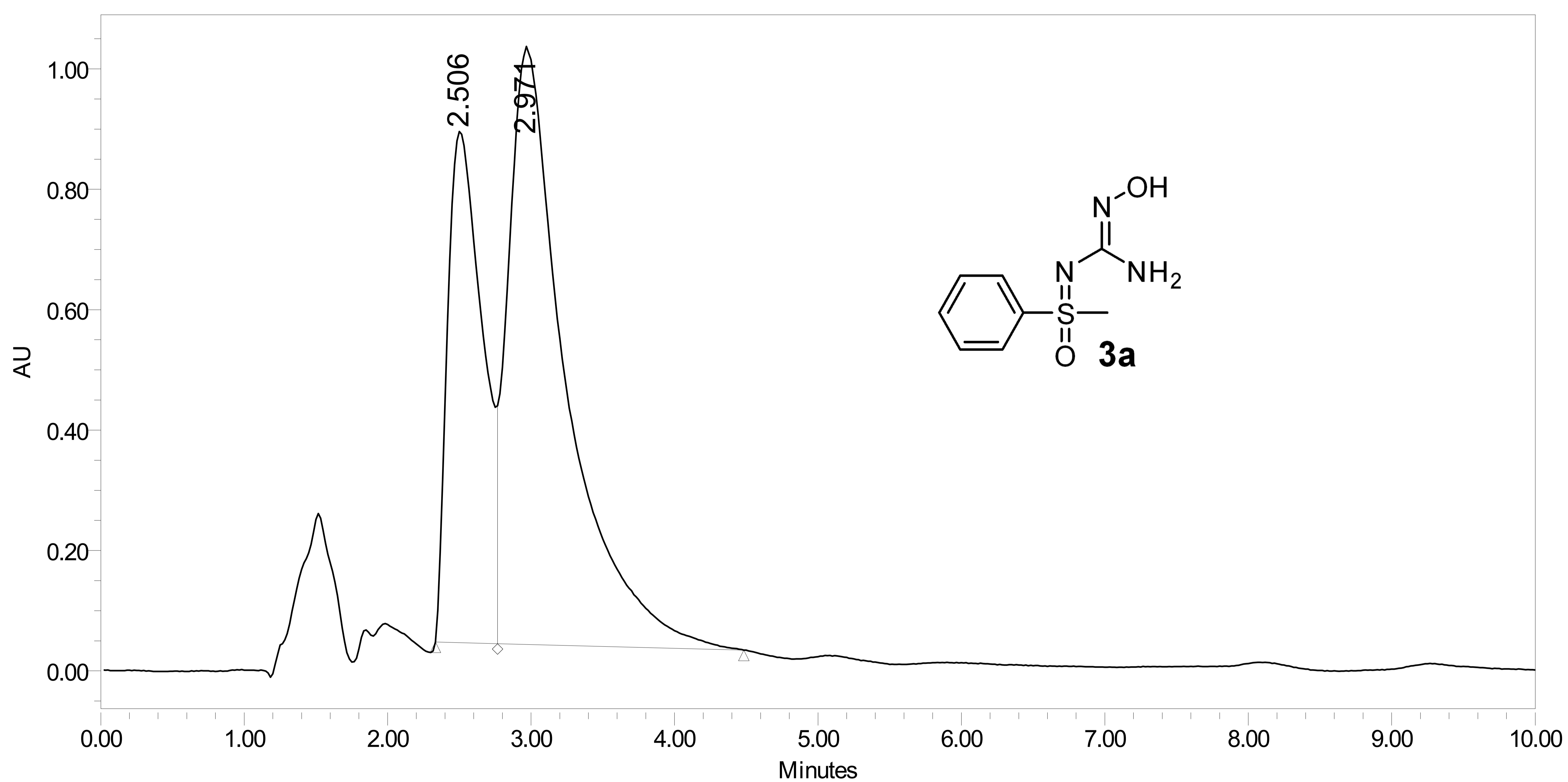
Sample Name: JBPHD1-JBL-C-1527-111-17 Processing Method: MTBE :IPA with 0.1% DEA
Test Type: HPLC/PDA Done by : VINOD KUMAR
Sample Set Name: MTBE :IPA with 0.1% DEA Vial: 52
Injection Volume: 15.00 ul Proc. Chnl. Descr.: W2996 PDA 220.0 nm (PDA)
Date Acquired: 9/17/2019 12:14:10 PM IST Date Processed: 9/17/2019 12:54:22 PM IST

Analytical conditions:

Column : CHIRALPAK IA(100mm X 4.6mm X 3mic)

Mobile phase : MTBE :IPA with 0.1% DEA (70:30)

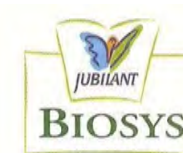
Flow rate : 1.0 mL/min



2.506	14449486	34.04
2.971	28003298	65.96

CONFIDENTIAL

NUCLEUS : C13
FRQ (MHz) : 100.50
AT (sec) : 1.18
SW (ppm) : 276.40
RD (sec) : 1.00
PW (usec) : 5.40
Scans : 10000
Solvent : dms0
Data Points : 65536
LB (Hz) : 3.00
TEMP (K) : 303.15
EXP : s2pul
DATE : Aug 21 2018
System : VNMRs_400

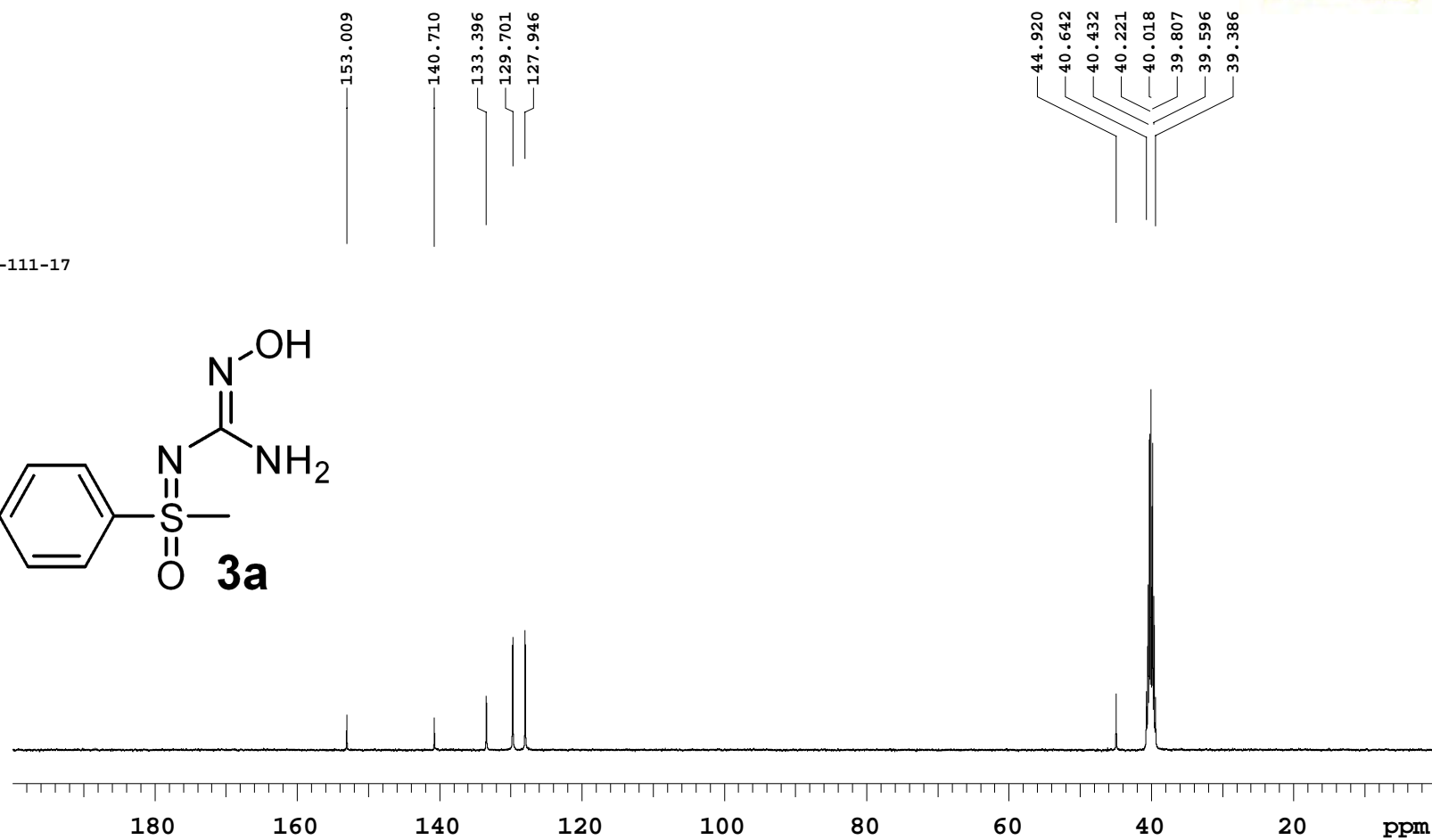
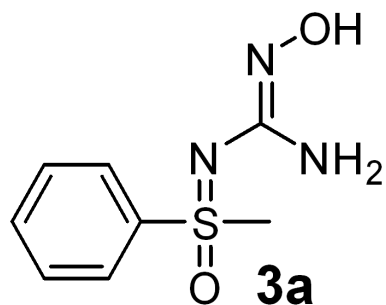


NMR REPORT

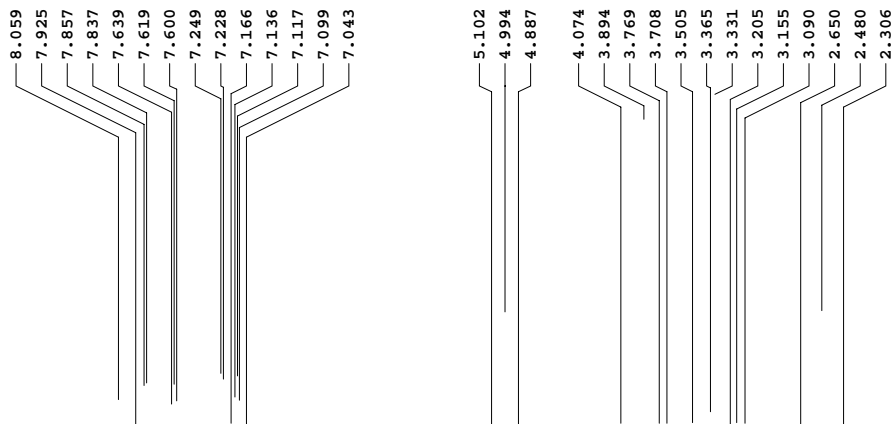
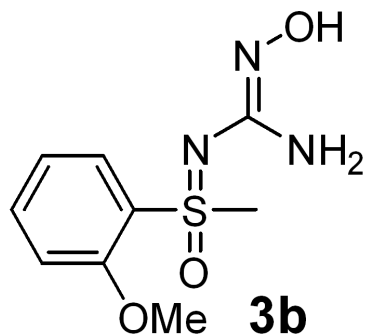
PROJECT CODE:JBPHD1

SAMPLE NAME : JBPHD1-JBL-C-1527-111-17

Probe:ATB



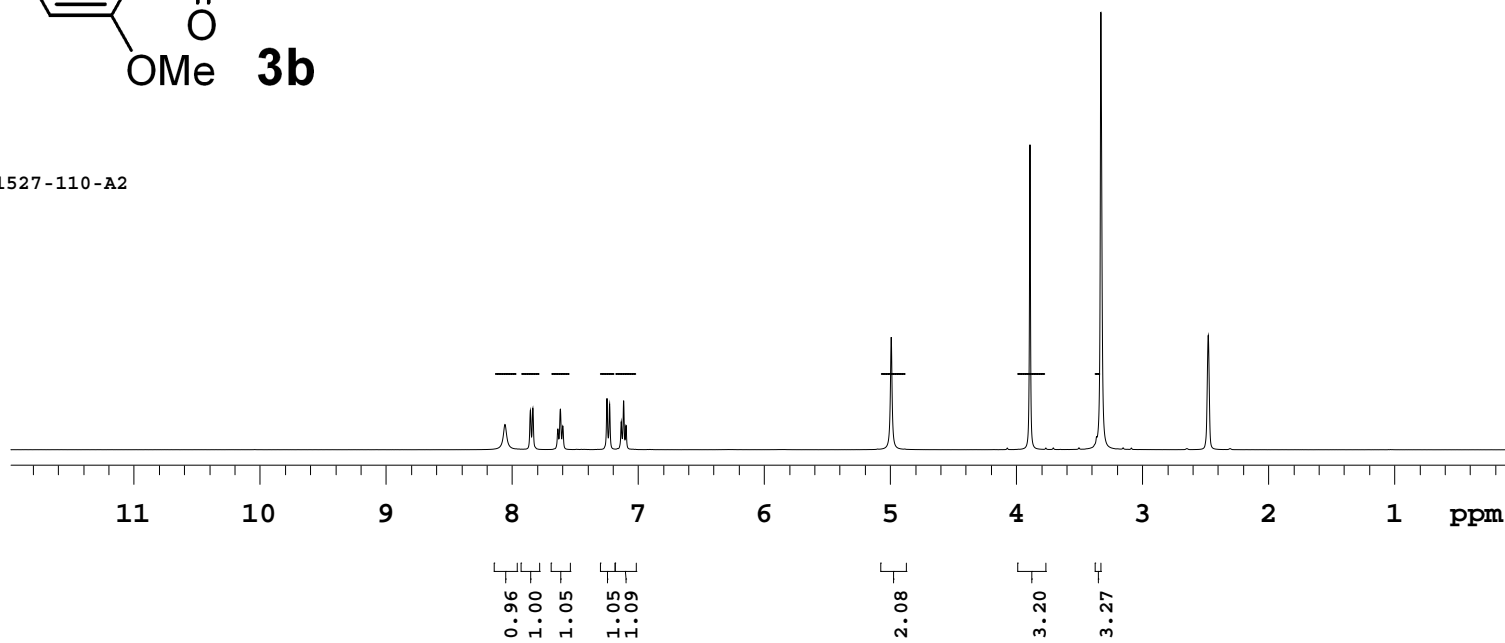
NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Dec 12 2018
 TIME : 12:57:49



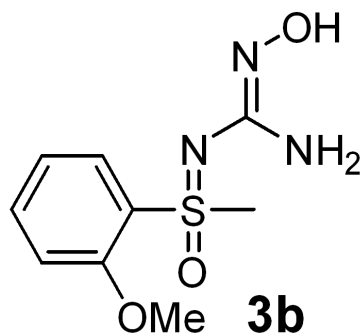
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-110-A2

PROBE: ATB



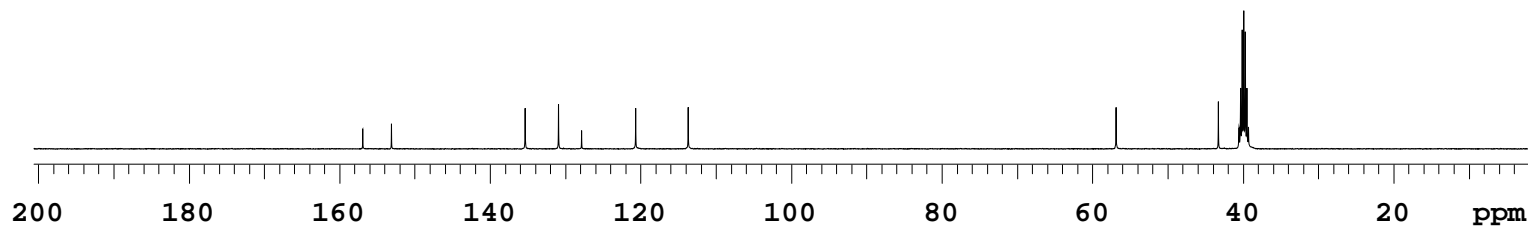
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 17 2018
TIME : 18:44:08



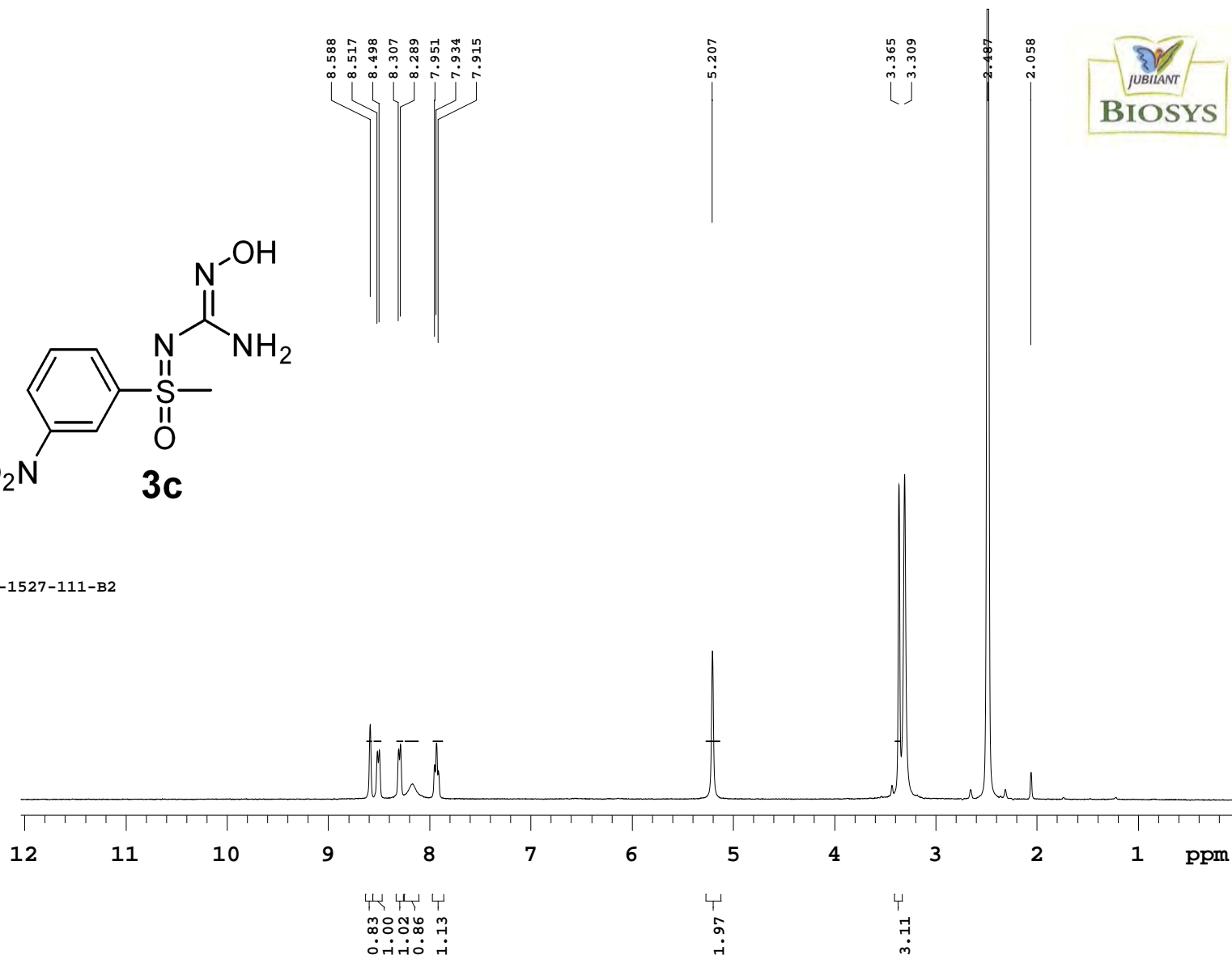
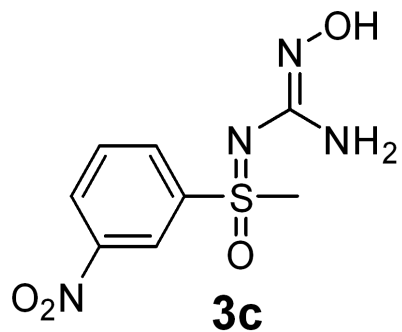
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-110-A2

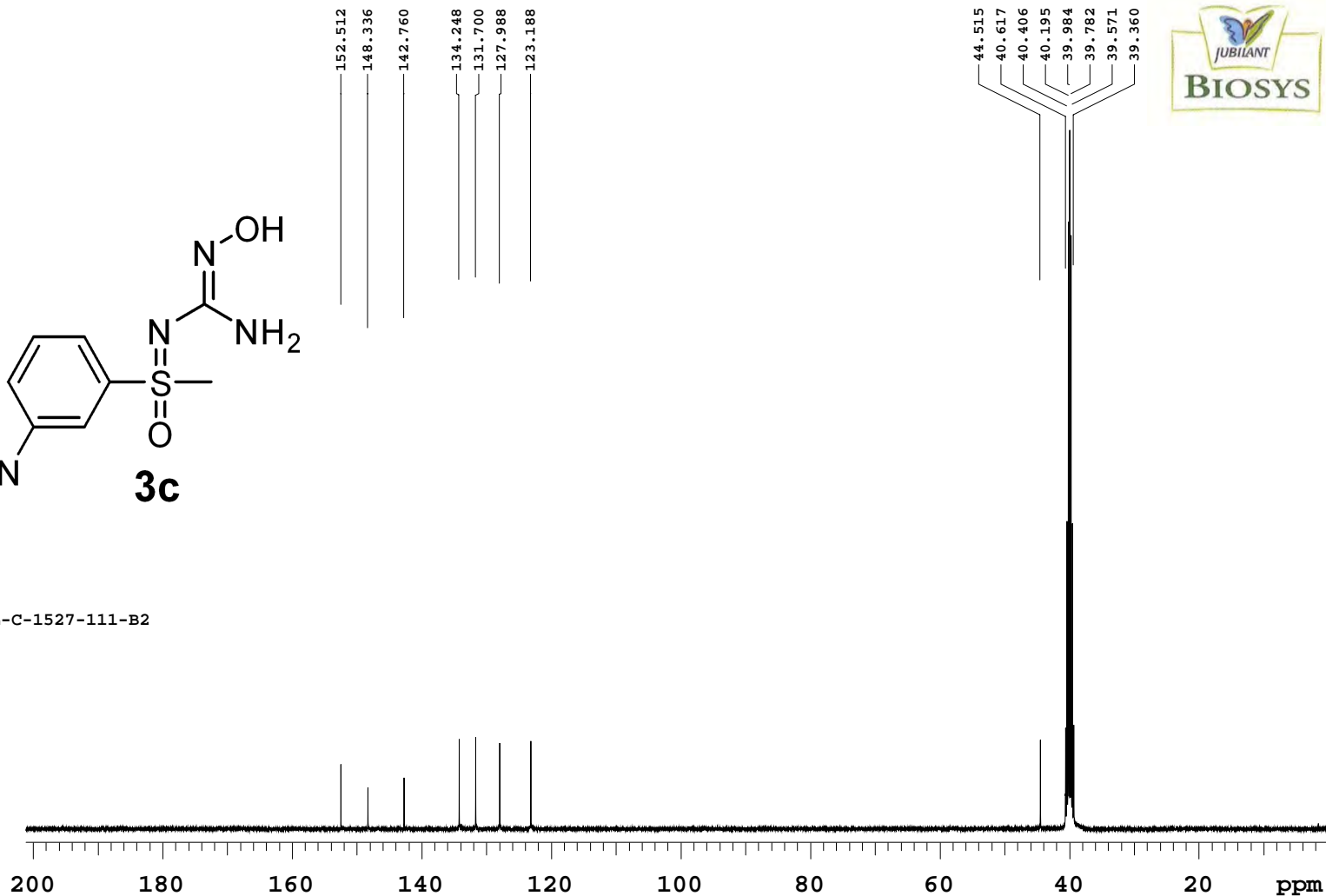
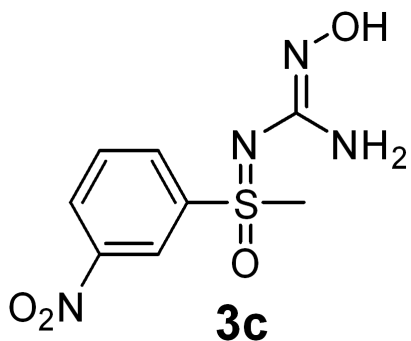
PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.95
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Mar 22 2019
TIME : 14:43:54



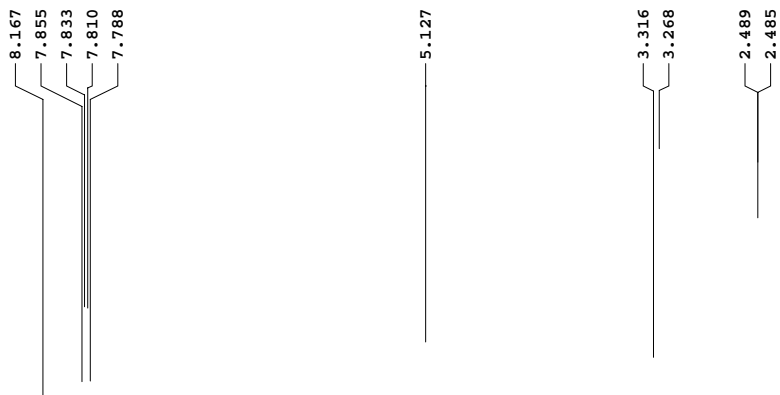
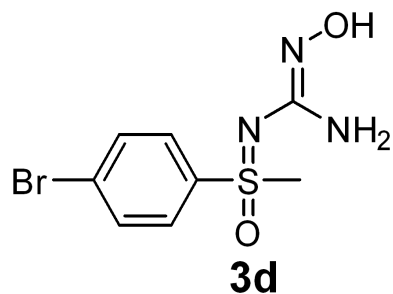
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 10000
Solvent : dmsc
NP : 10000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Mar 24 2019
TIME : 01:50:04



NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-111-B2
PROBE: ATB

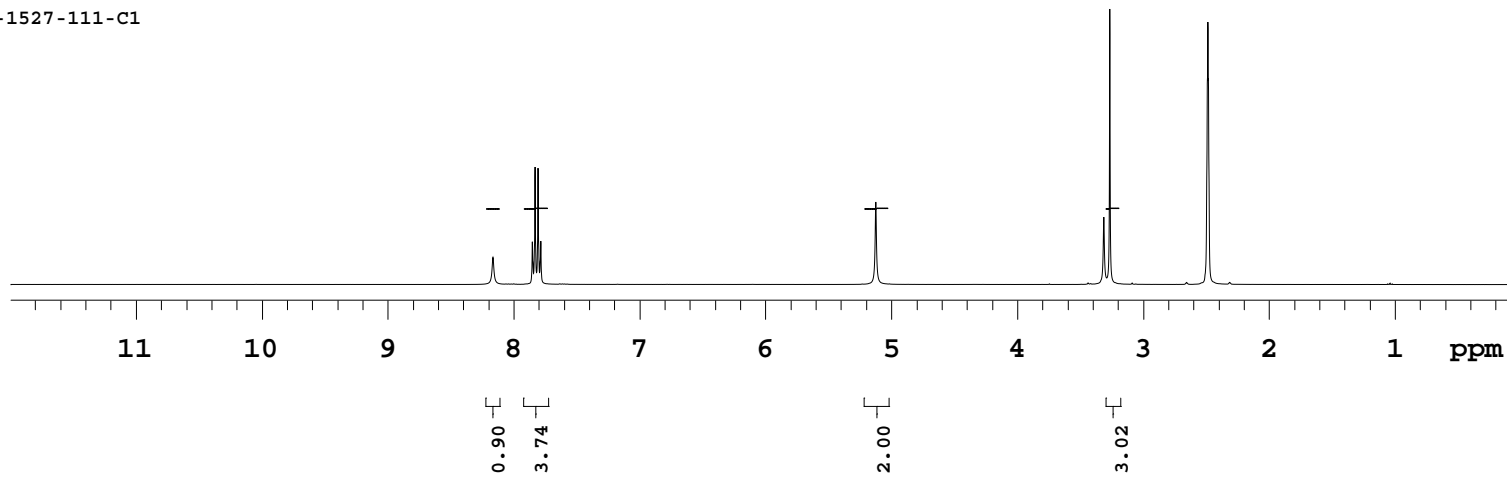
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jan 2 2019
TIME : 19:54:54



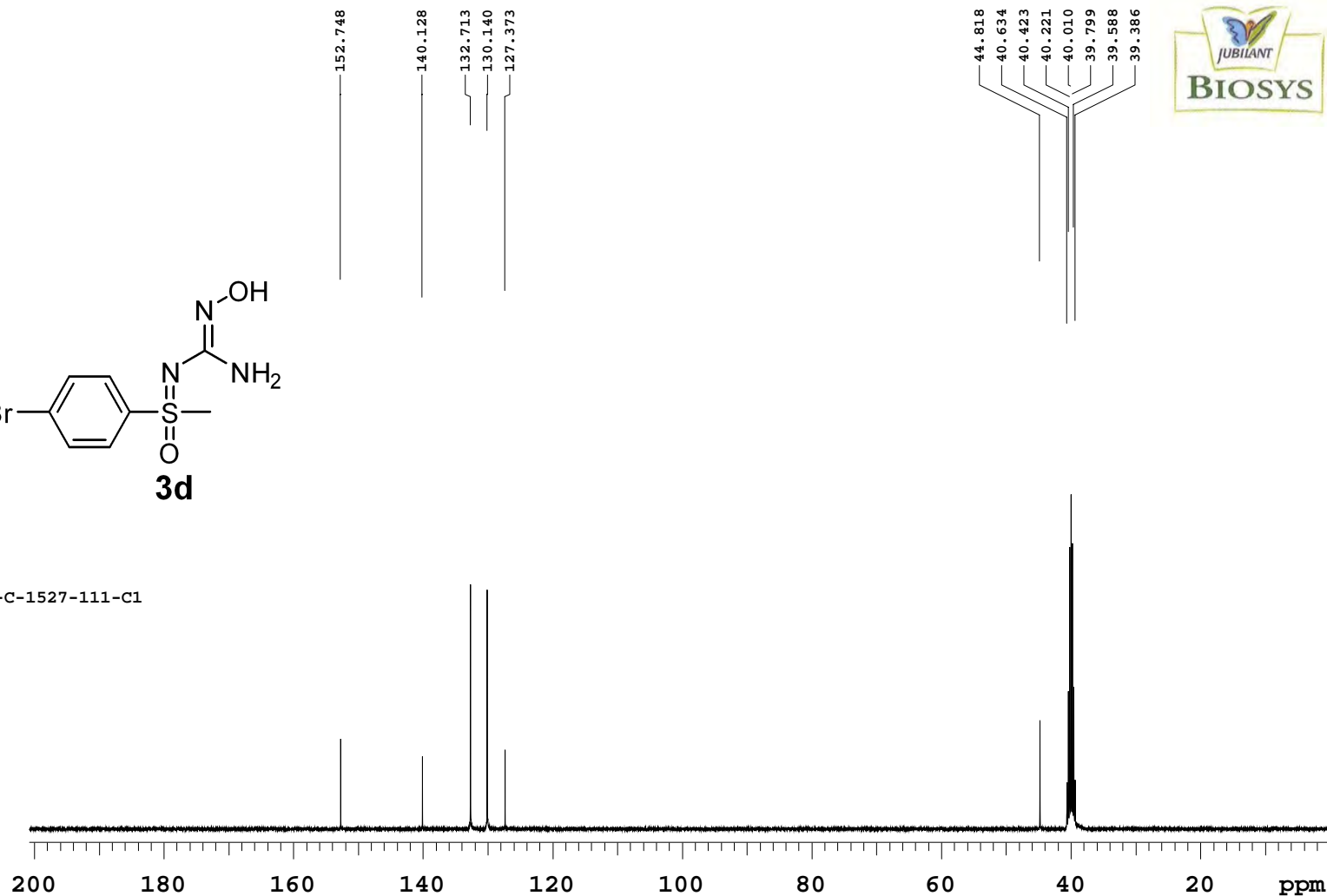
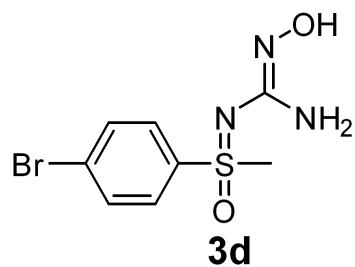
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-111-C1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Apr 8 2019
TIME : 21:49:56



NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-111-C1

PROBE: ATB

JUBILANT BIOSYS, BANGALORE

Sample Name: JBPHD1-JBL-C-1527-111-C1
Test Type: HPLC
Sample Set Name: X-BridgeC-18_AH_ACN
Injection Volume: 8.00 ul
Date Acquired: 9/13/2019 1:07:46 PM IST

Processing Method: X-BridgeC-18_AH_ACN
Done by: VINOD KUMAR
Vial: 50
Proc. Chnl. Descr.: 254nm
Date Processed: 9/13/2019 1:18:37 PM IST

Analytical Conditions:

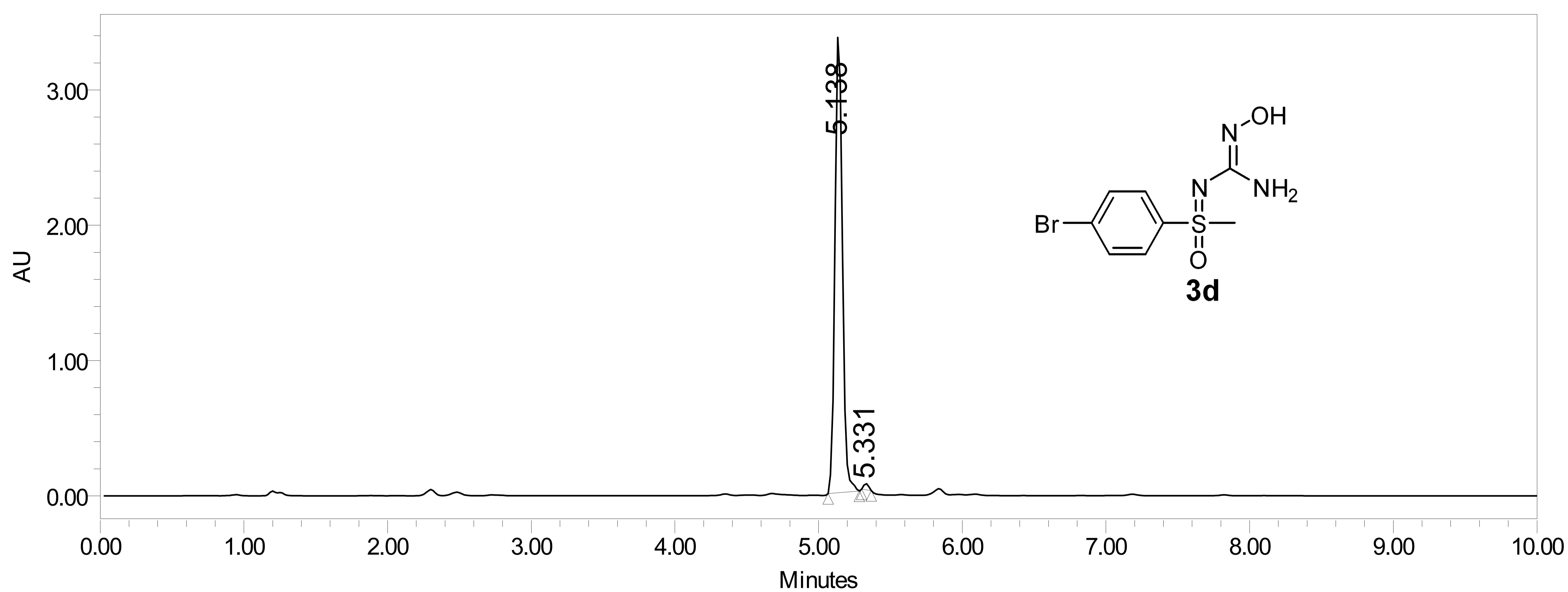
Column : X-Bridge C18 (100mm X 4.6mm X 3.5mic)

Mobile phase(A) : 0.1% Ammonia in water

Mobile phase(B) : ACN

Flow rate : 1.0 mL/min

T/%B: 0/05,2/05, 4/60,7/90,9/05,10/05.



5.138	12131232	99.16
5.331	102212	0.84

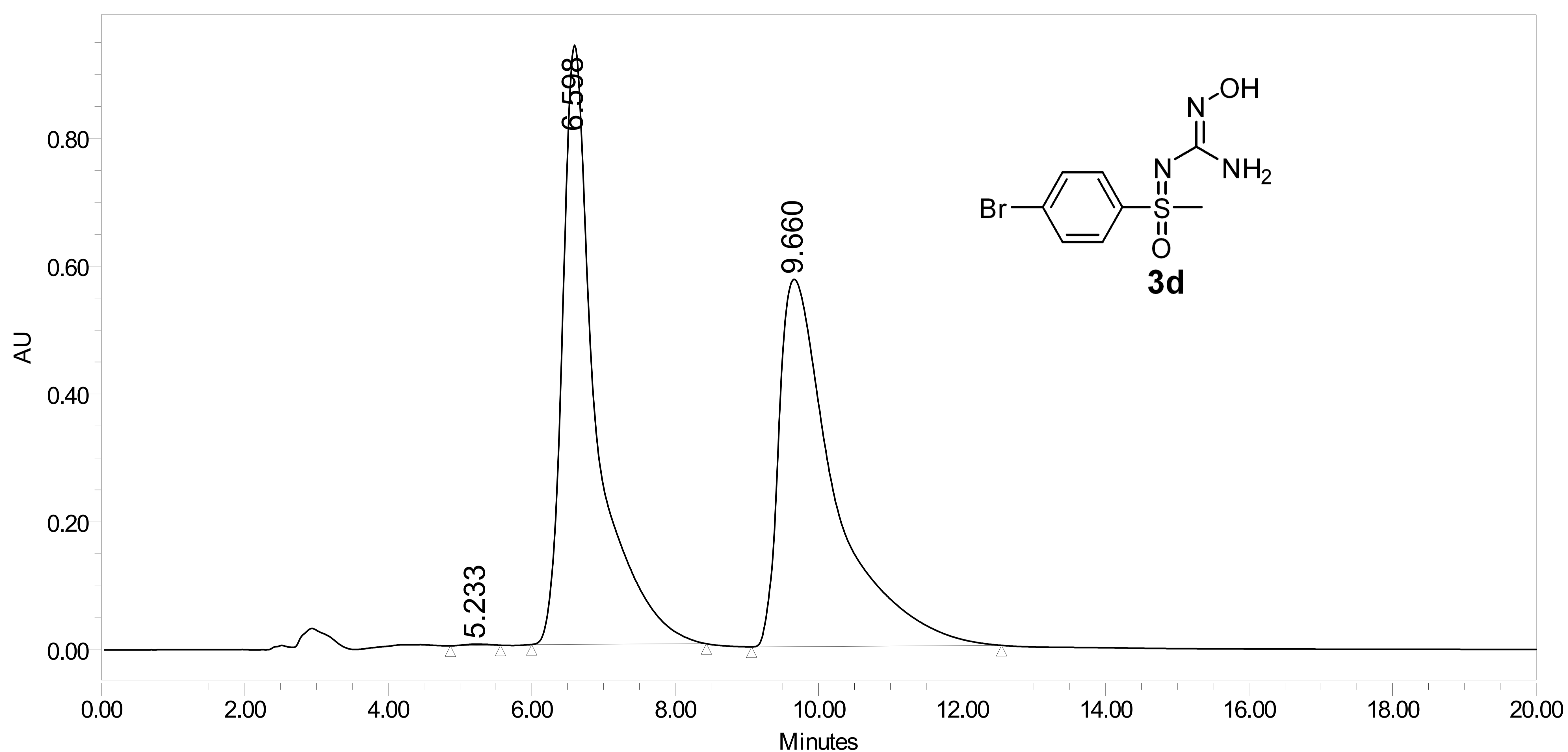
JUBILANT BIOSYS, BANGALORE

Sample Name: JBPHD1-JBL-C-1527-111-C1
Test Type: HPLC/PDA
Sample Set Name: Ethanol With 0.1% DEA
Injection Volume: 12.00 ul
Date Acquired: 9/13/2019 11:05:22 AM IST

Processing Method: Ethanol With 0.1% DEA
Done by : VINOD KUMAR
Vial: 3
Proc. Chnl. Descr.: 254nm
Date Processed: 9/13/2019 11:27:54 AM IST

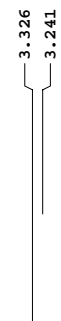
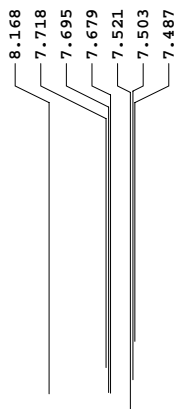
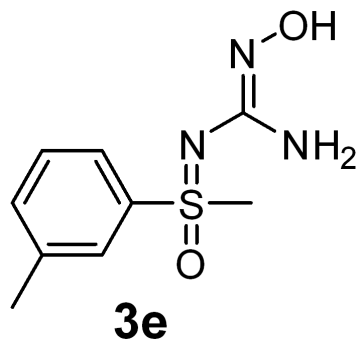
Analytical conditions:

Column : CHIRALPAK IG (100 mm X 4.6mm X 3mic)
Mobile phase : Ethanol With 0.1% DEA(100%)
Flow rate : 0.5 mL/min



5.233	52363	0.09
6.598	30397943	49.57
9.660	30869409	50.34

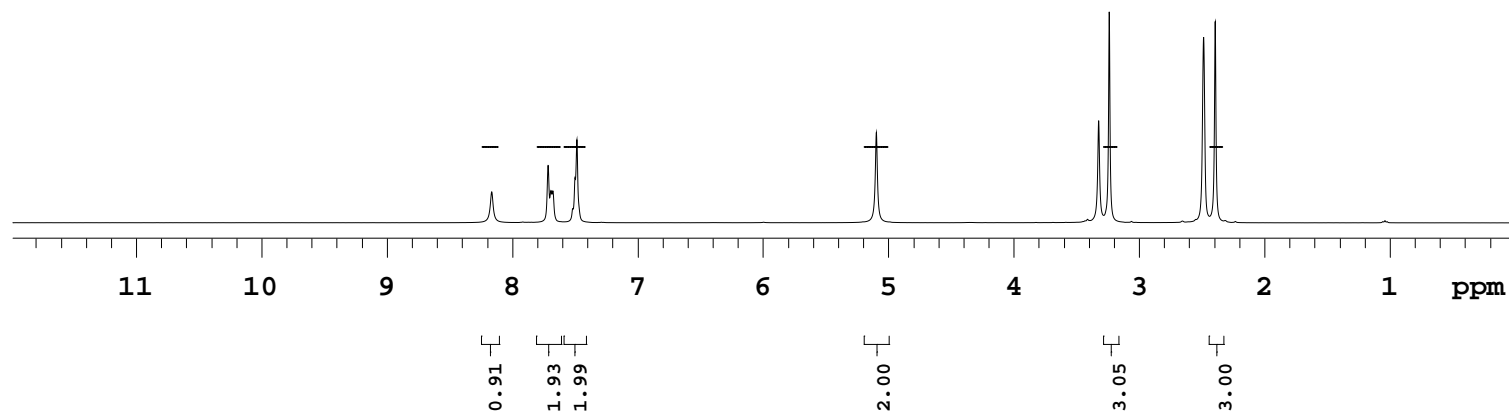
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jan 10 2019
TIME : 14:55:13



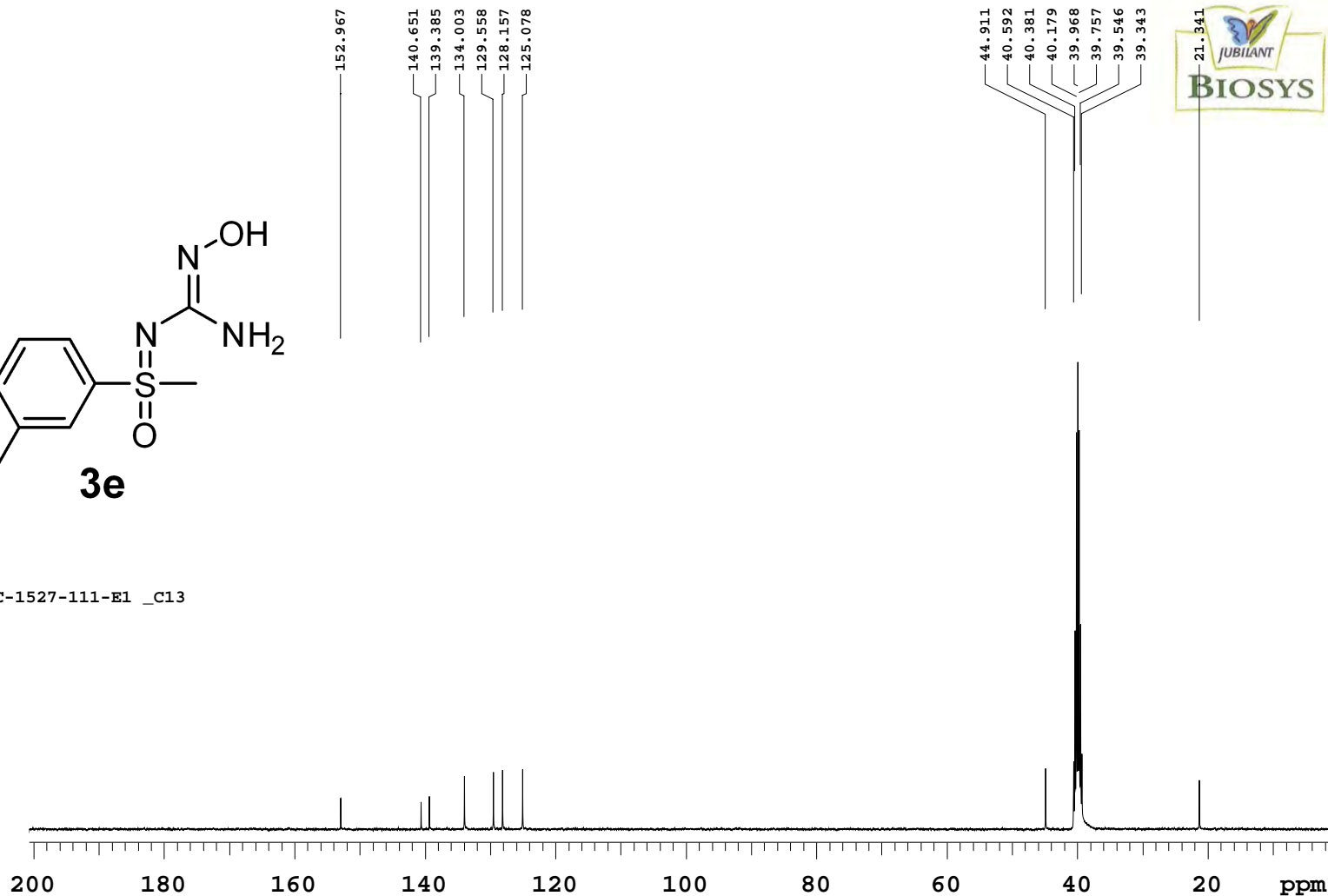
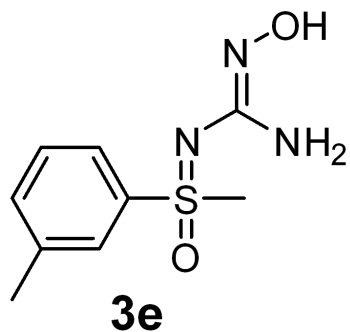
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-111-E1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jan 11 2019
TIME : 19:43:00

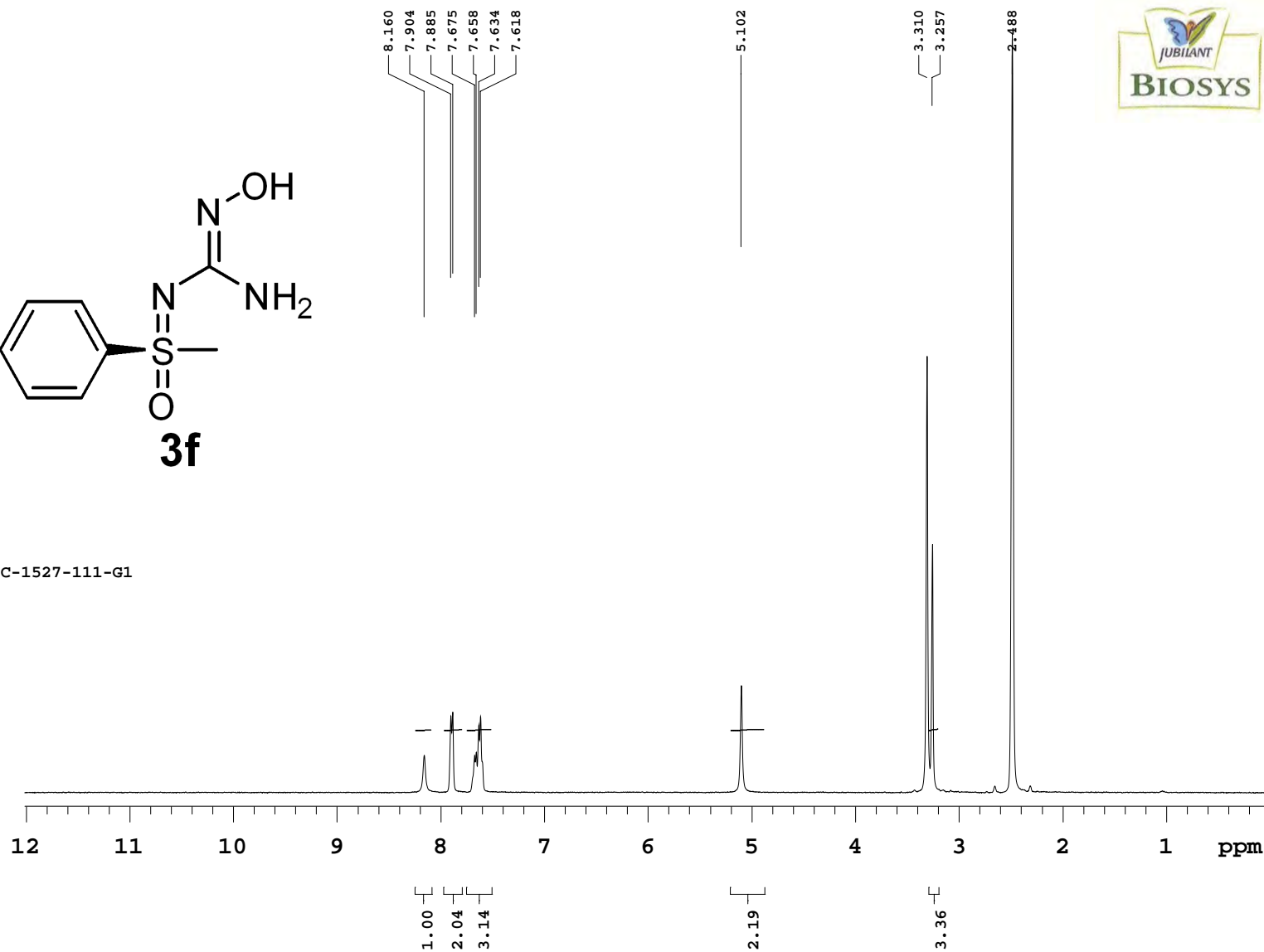
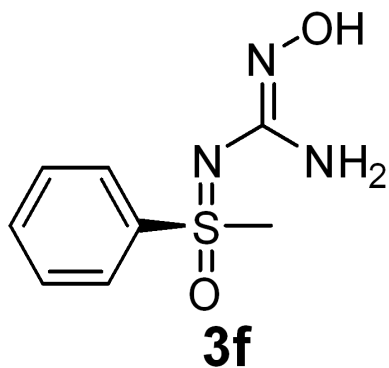


NMR REPORTS:

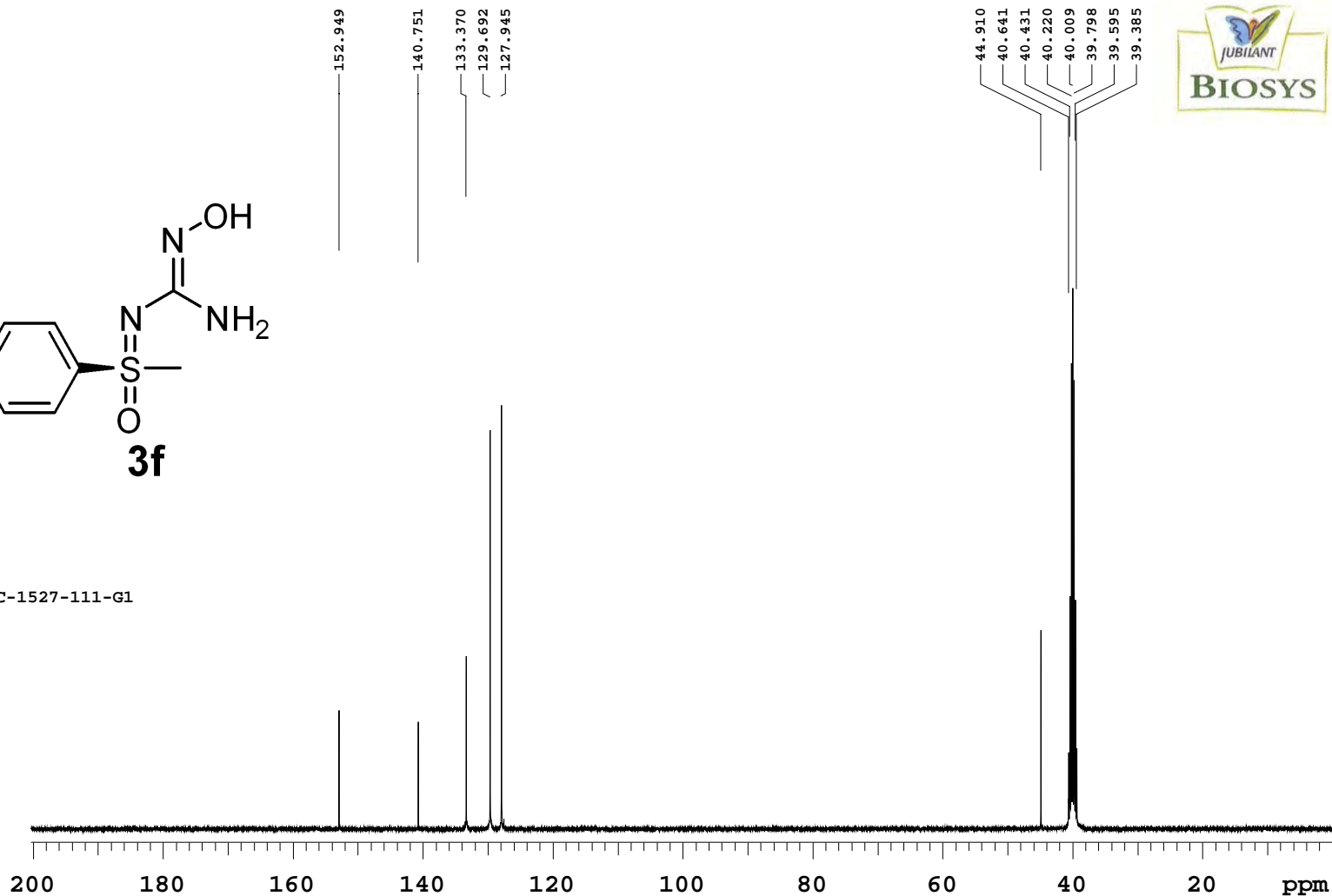
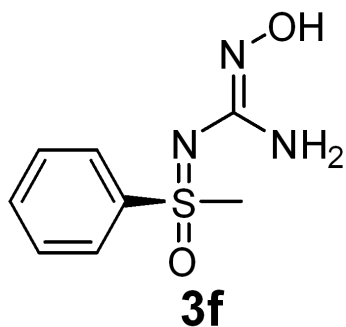
PROJECT NAME : JBPHD1-JBL-C-1527-111-E1 _C13

PROBE: ATB

NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Feb 27 2019
TIME : 09:36:57



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : May 21 2019
TIME : 22:30:03



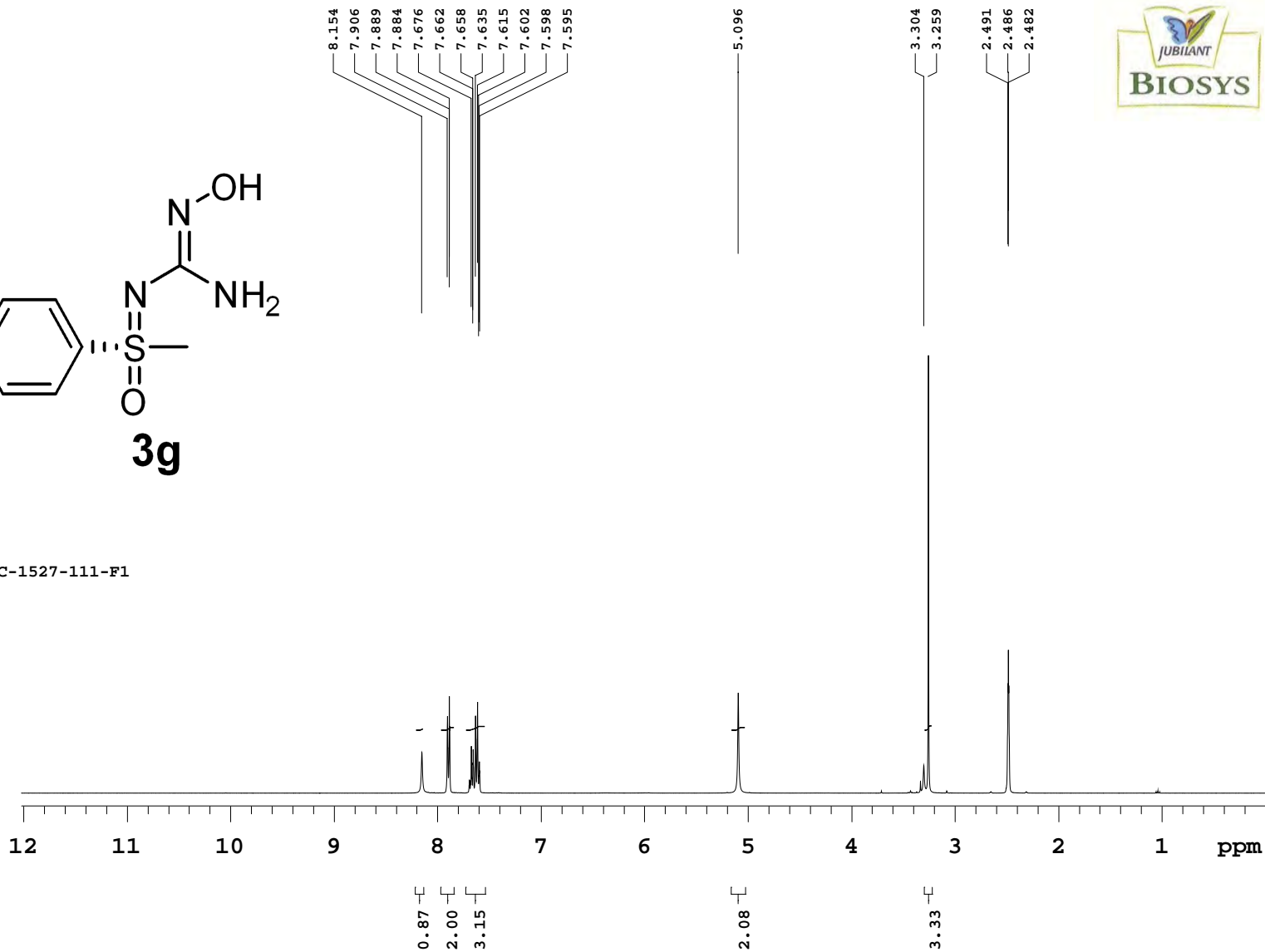
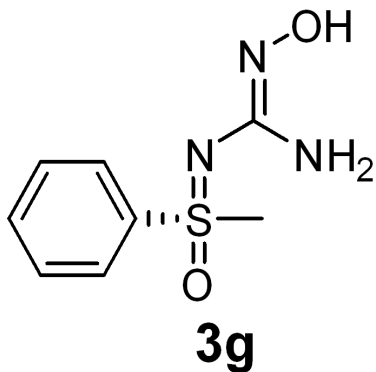
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-111-G1

PROBE: ATB

NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64

TEMP (K): 303.15
EXP : s2pul
DATE : Feb 26 2019
TIME : 23:24:30

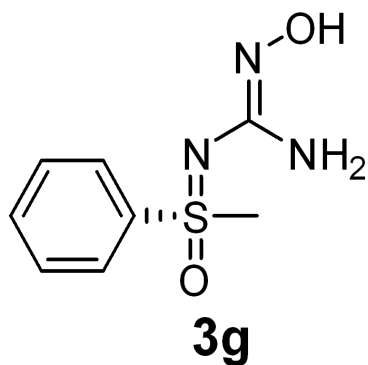


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-111-F1

PROBE: ATB

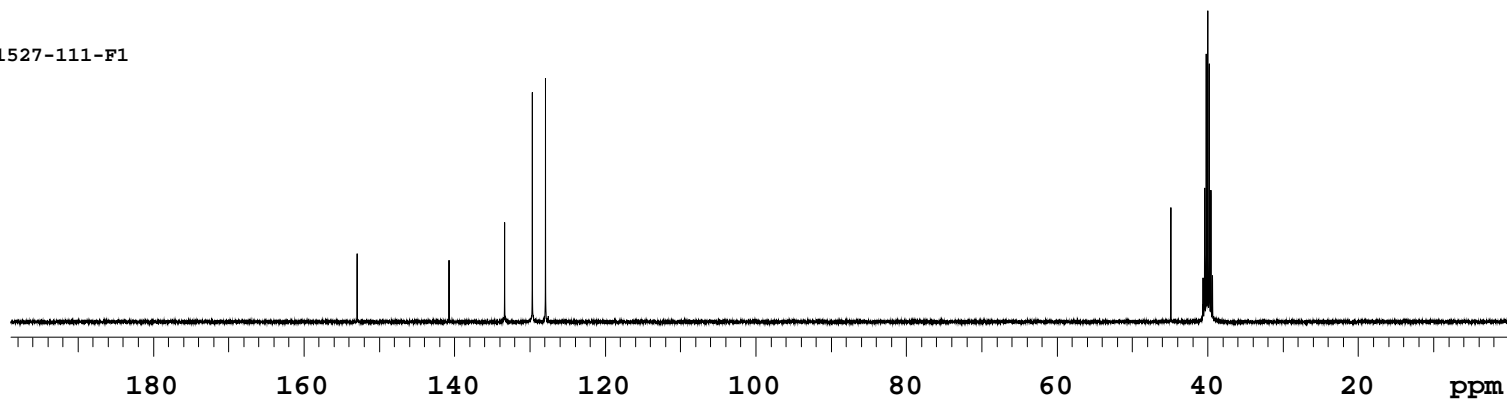
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : May 21 2019
TIME : 22:30:03



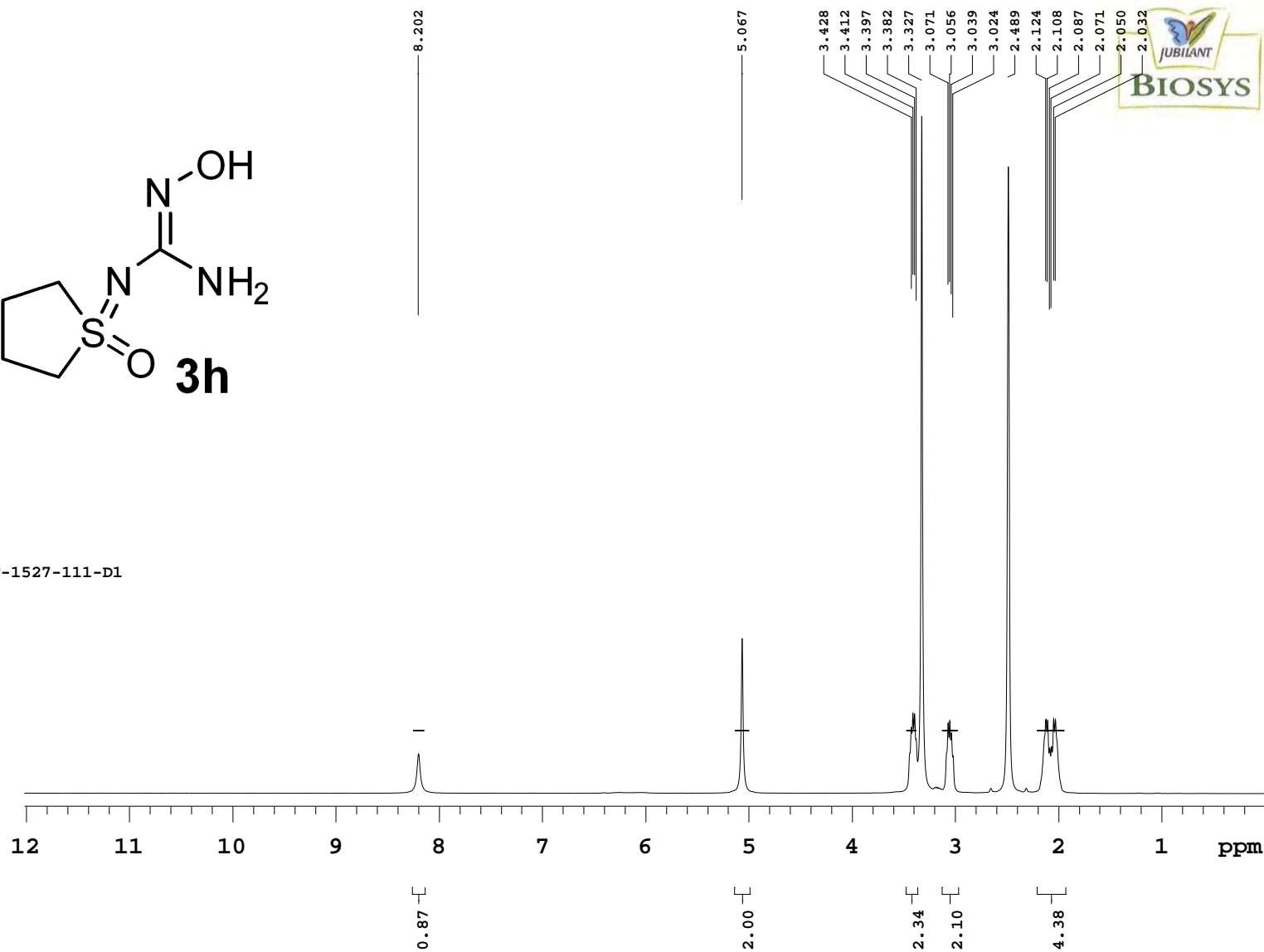
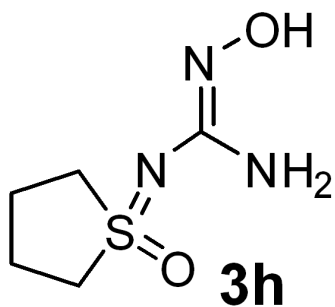
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-111-F1

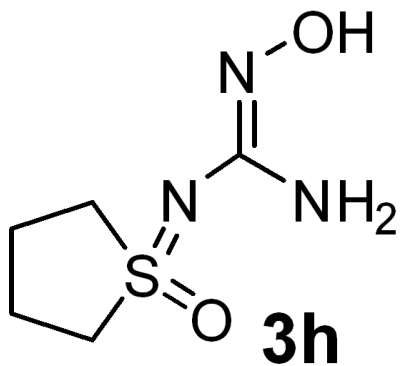
PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jan 10 2019
TIME : 15:08:59



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 0.5
TEMP (K): 303.15
EXP : s2pul
DATE : Jan 11 2019
TIME : 22:51:06



154.005

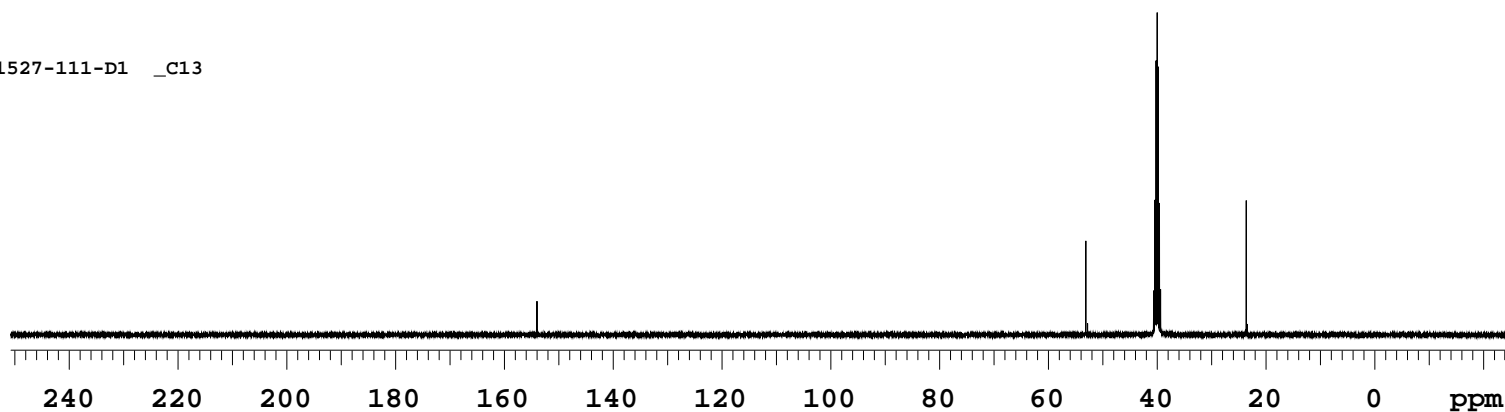
53.086
40.592
40.432
40.389
40.179
39.968
39.757
39.554
39.343
23.593



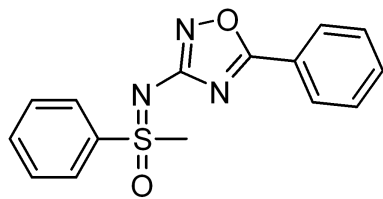
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-111-D1 _C13

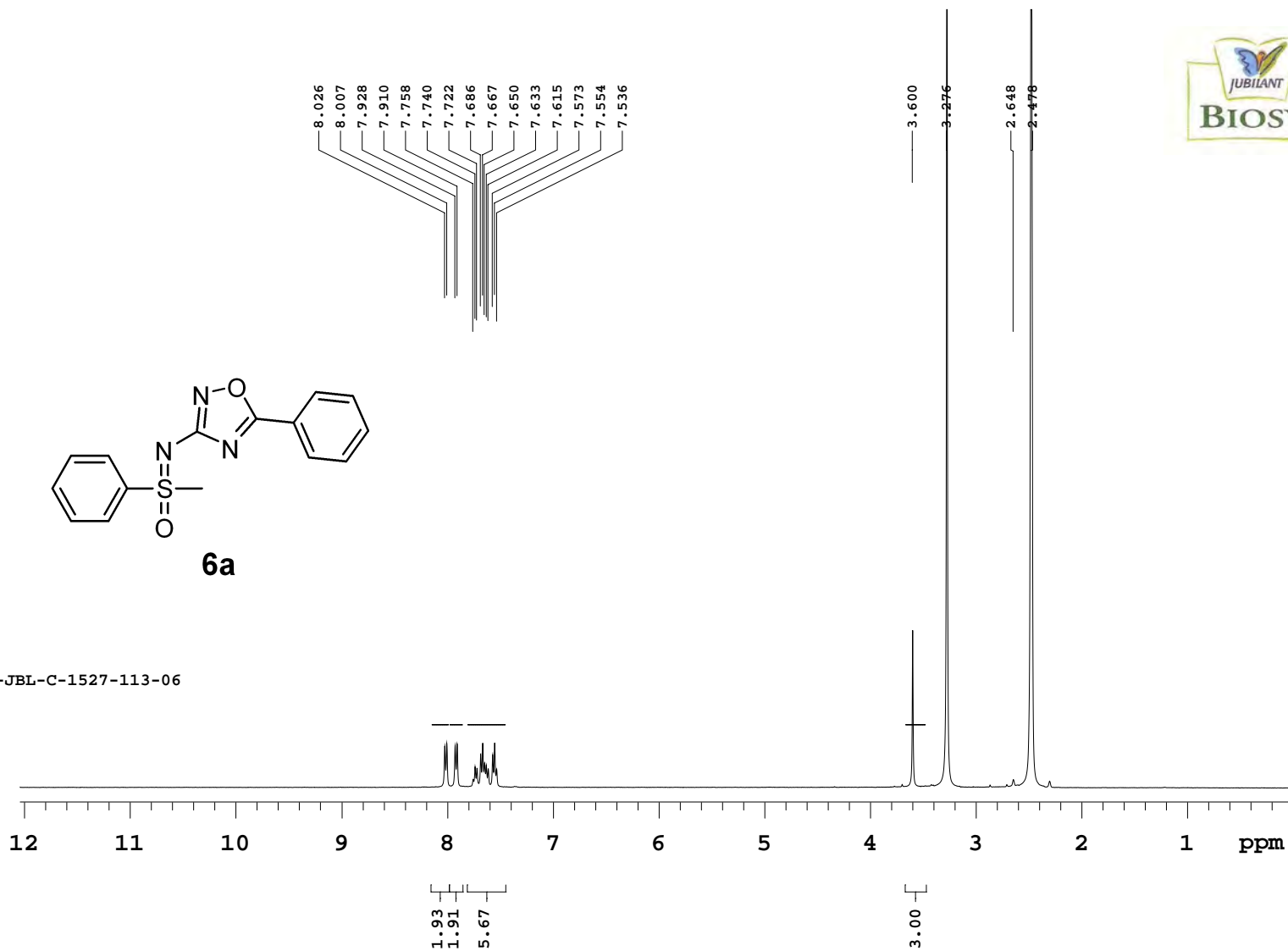
PROBE: ATB



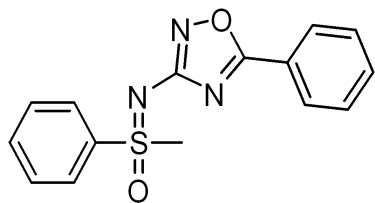
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.55
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jul 24 2018
TIME : 18:40:38



6a



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jul 29 2018
TIME : 01:43:27

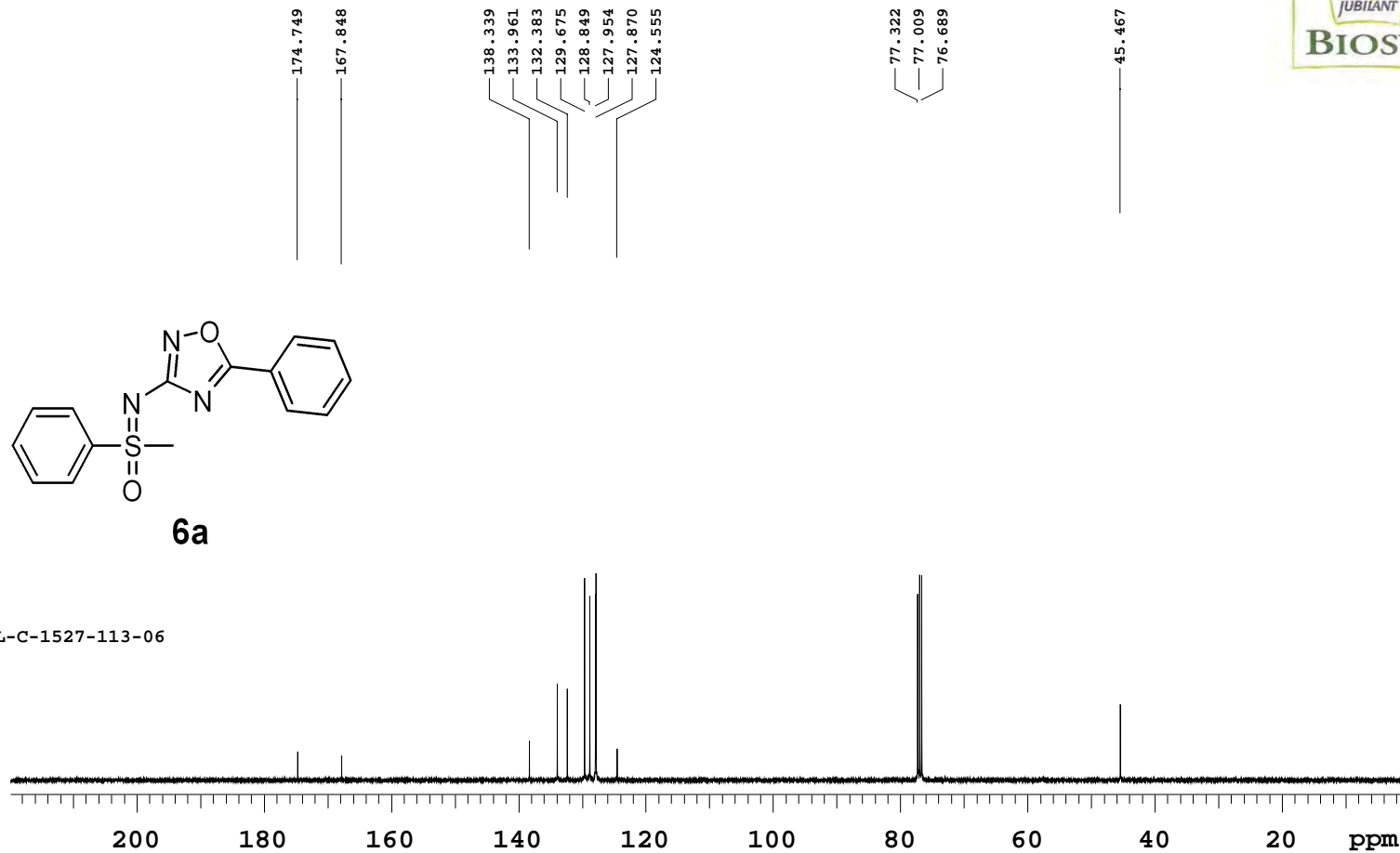


6a

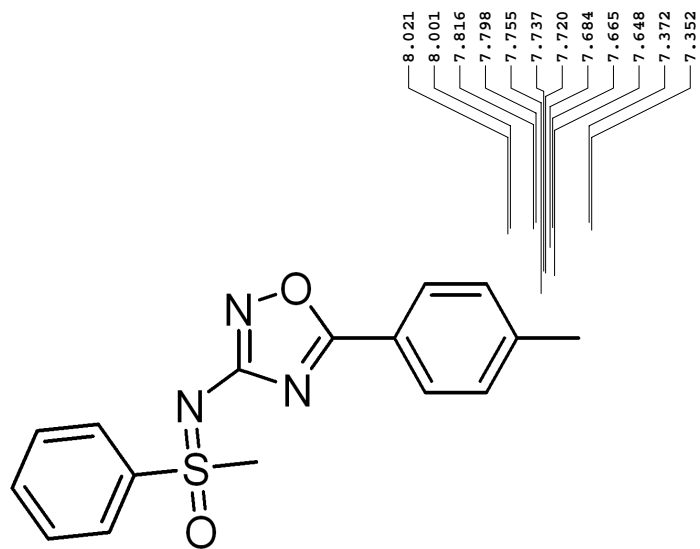
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-06

Probe: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 20 2018
TIME : 16:37:26

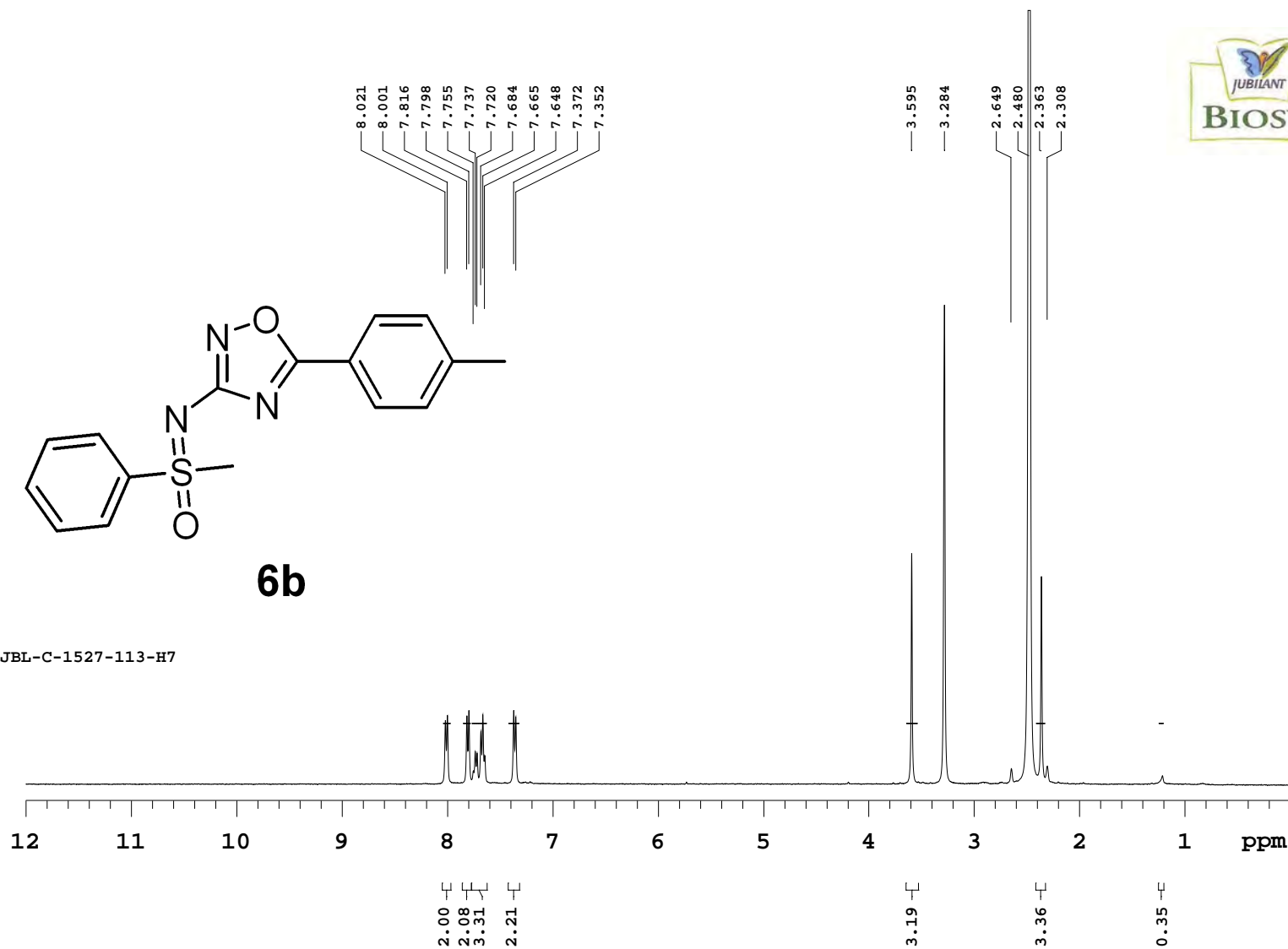


6b

NMR REPORT

PROJECT CODE: JBPBD1
SAMPLE NAME : JBPBD1-JBL-C-1527-113-H7

Probe:ATB



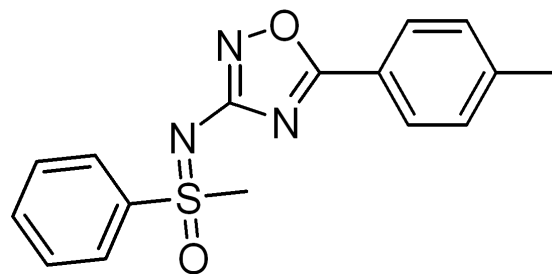
NUCLEUS : C13
FRQ (MHz) : 100.50
AT (sec) : 1.18
SW (ppm) : 276.40
RD (sec) : 1.00
PW (usec) : 5.40
Scans : 10000
Solvent : cdcl3
Data Points : 65536
LB (Hz) : 2.00
TEMP (K) : 303.15
EXP : s2pul
DATE : Aug 20 2018
System : VNMRS_400

NMR REPORT

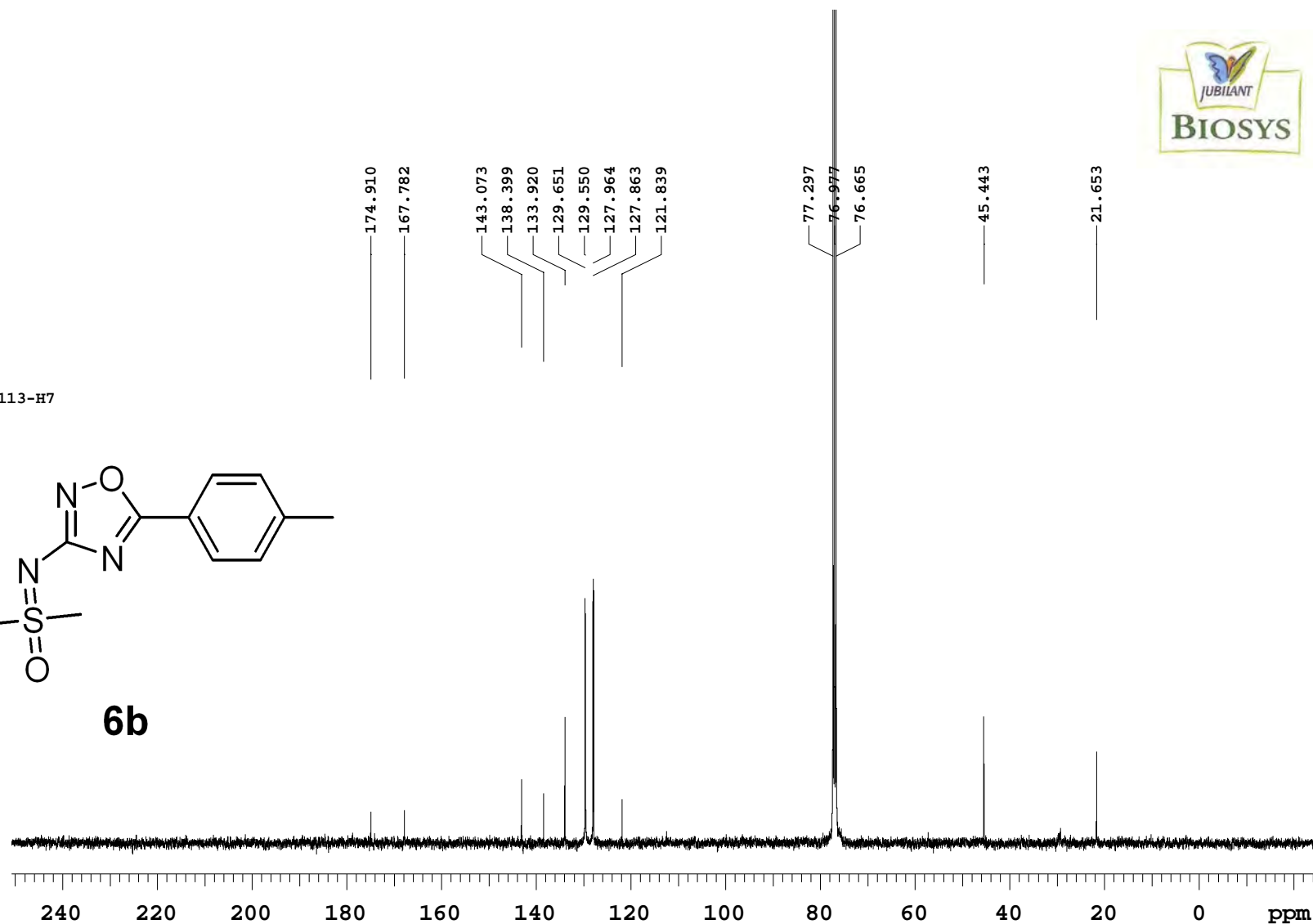
PROJECT CODE:JBPHD1

SAMPLE NAME :JBPHD1-JBL-C-1527-113-H7

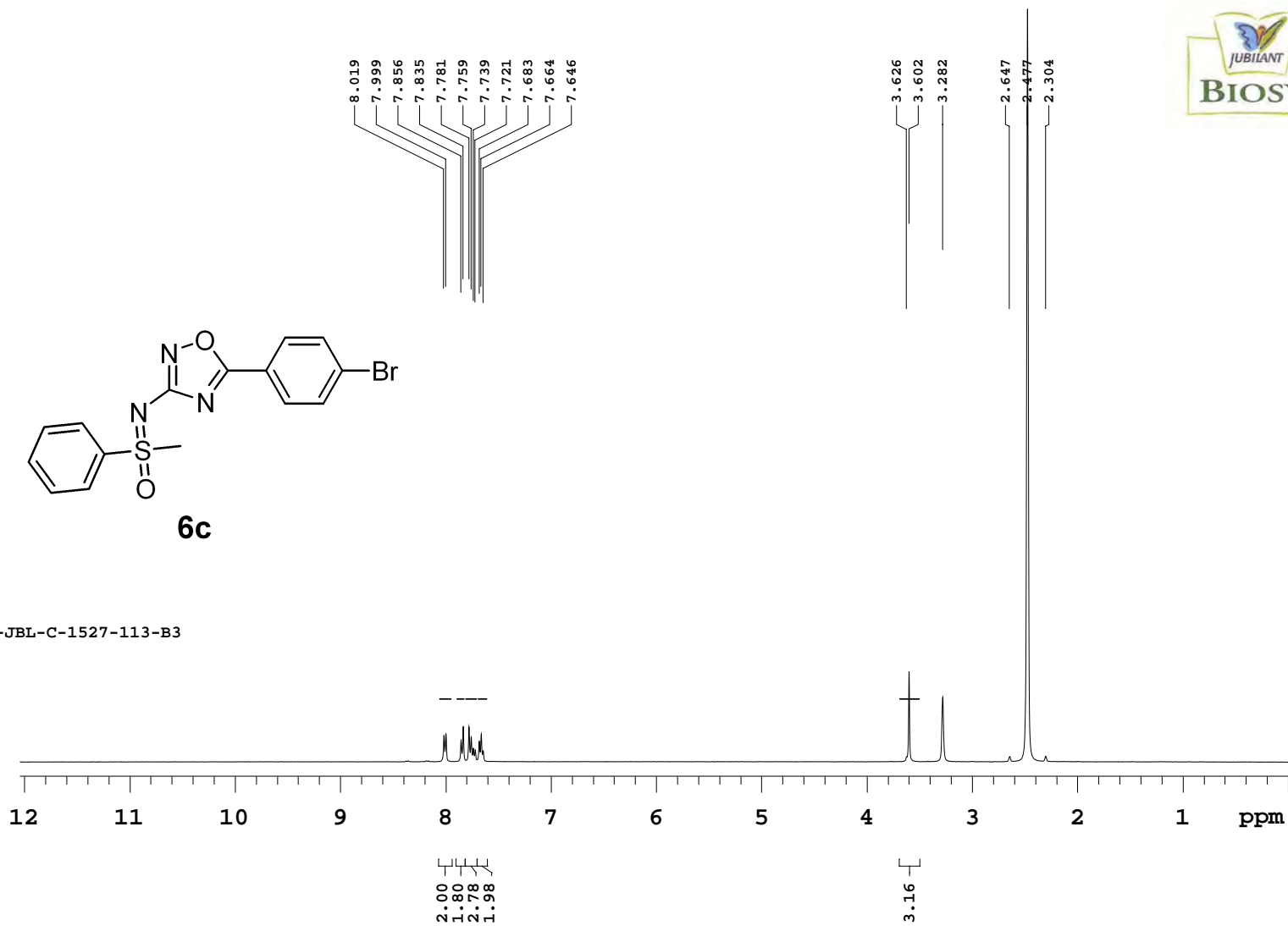
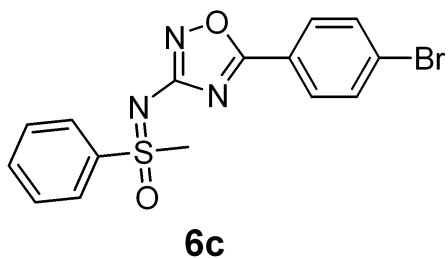
Probe:ATB



6b



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.56
SW (ppm): 16.04
RD (sec): 1.00
PW (usec): 4.55
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jul 31 2018
TIME : 12:03:54

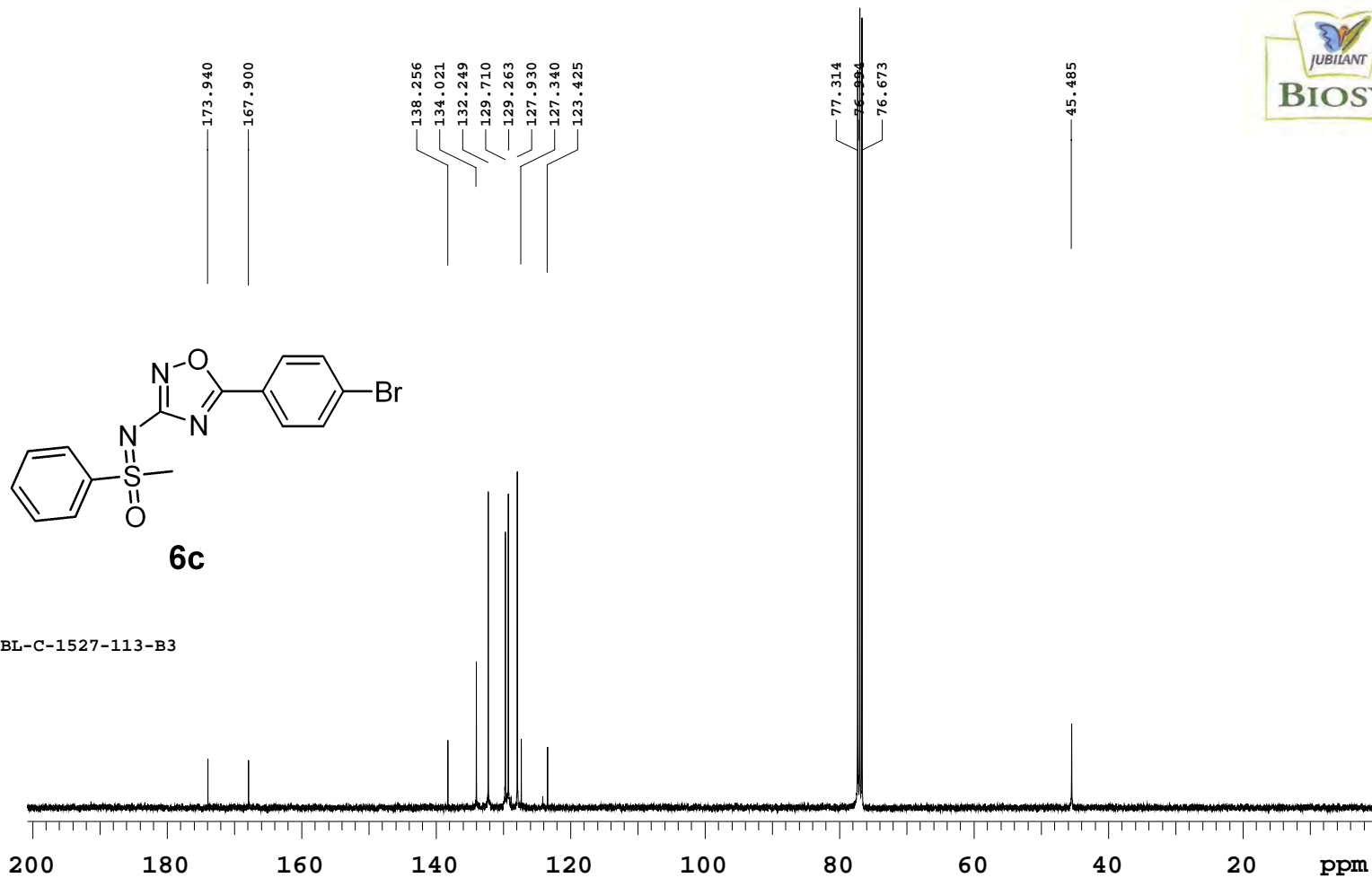
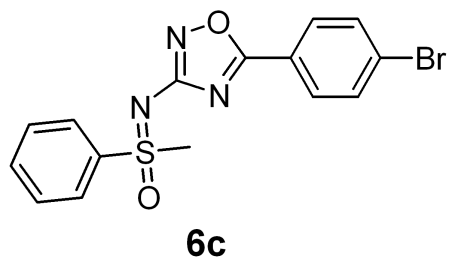


NMR REPORT

PROJECT CODE: JBPFD1
PROJECT NAME : JBPFD1-JBL-C-1527-113-B3

Probe:ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 2 2018
TIME : 18:16:41

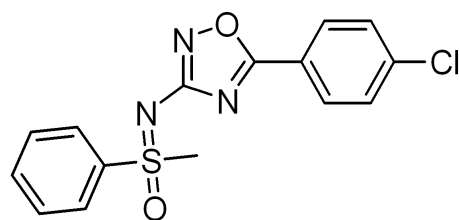


NMR REPORT

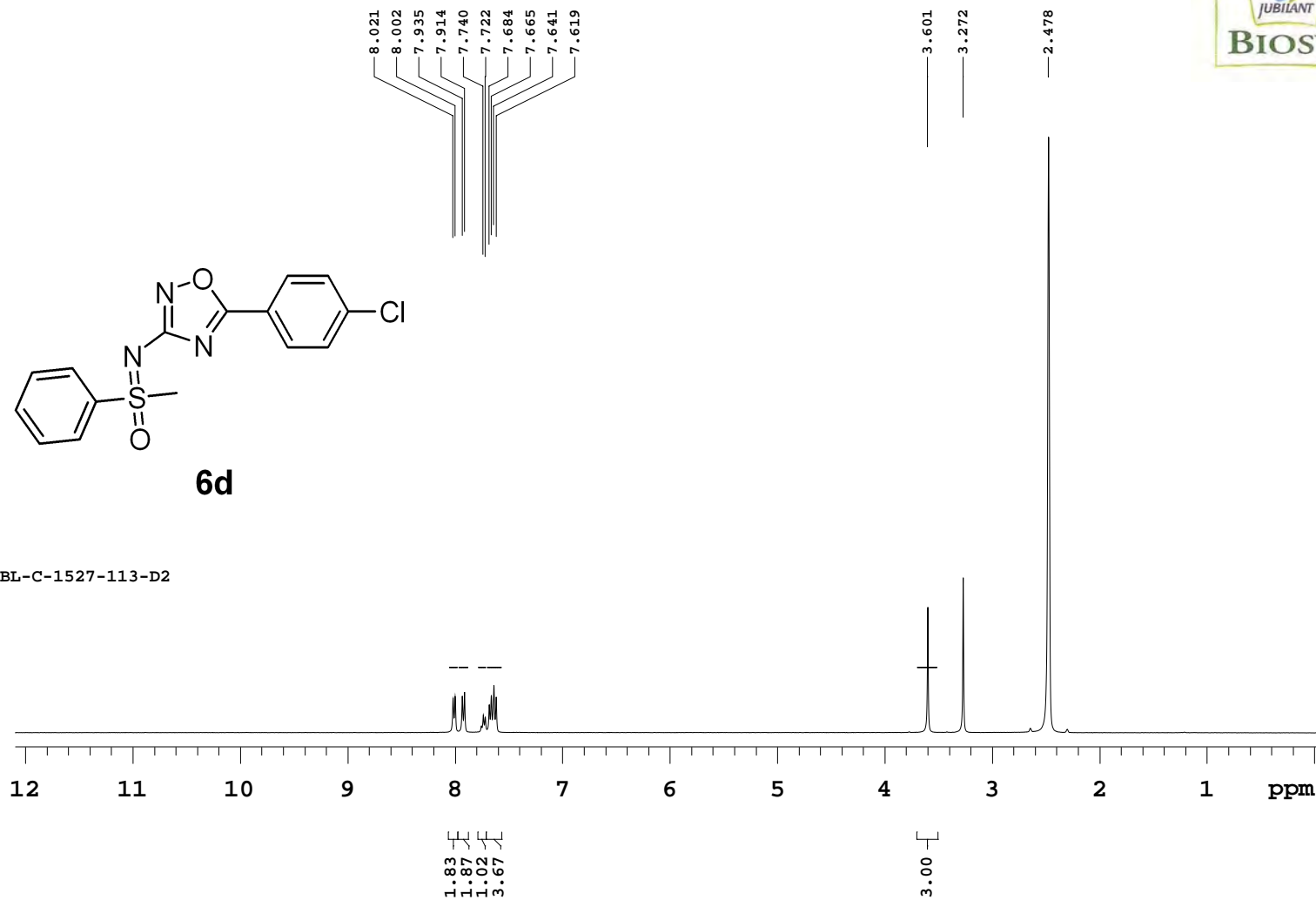
PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-B3

Probe:ATB

NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.55
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 2 2018
TIME : 14:34:46



6d

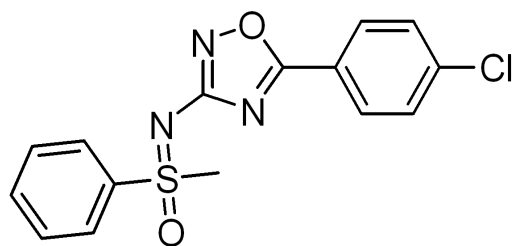


NMR REPORT

PROJECT CODE: JBPBD1
SAMPLE NAME : JBPBD1-JBL-C-1527-113-D2

Probe:ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 3 2018
TIME : 23:45:08

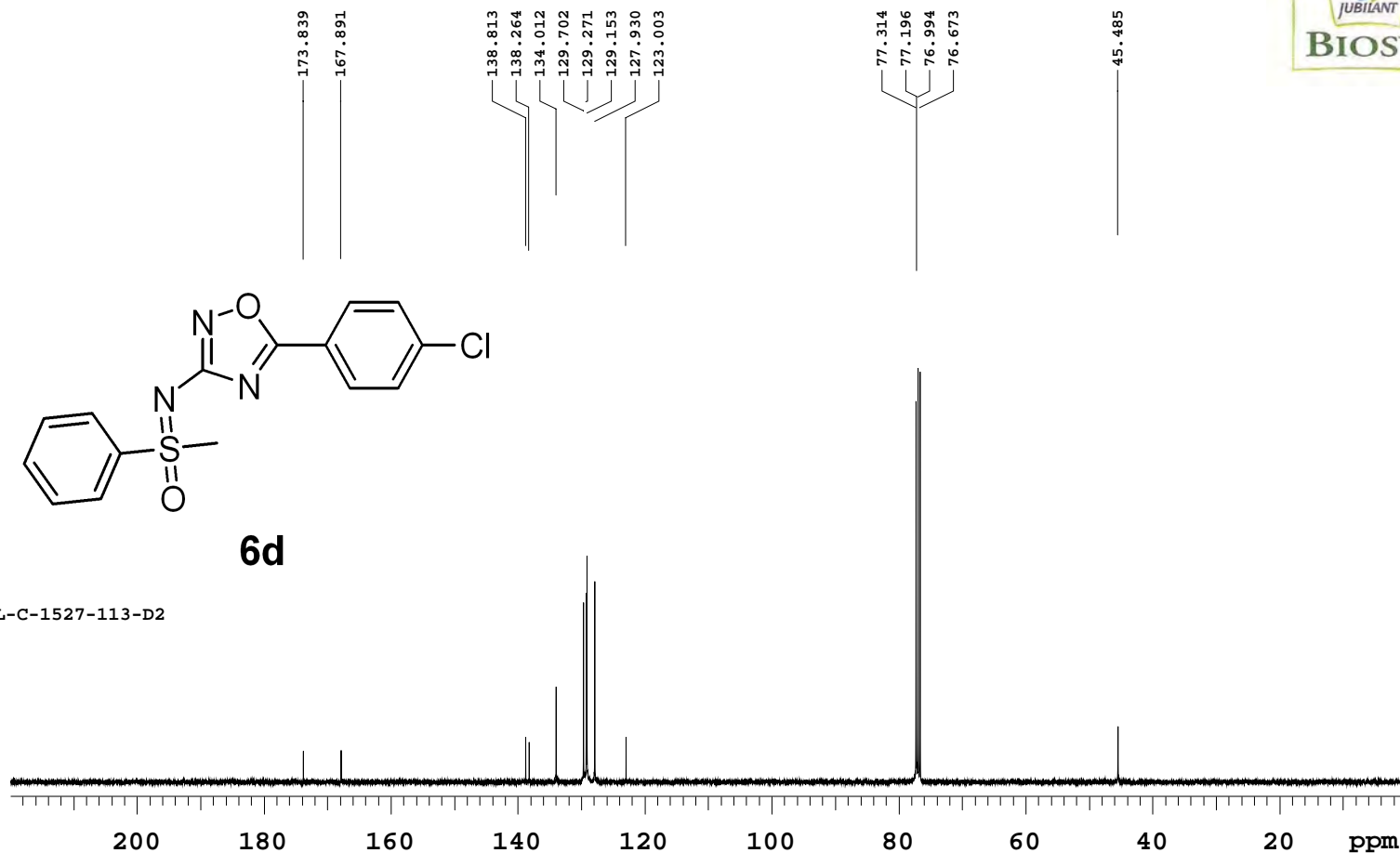


6d

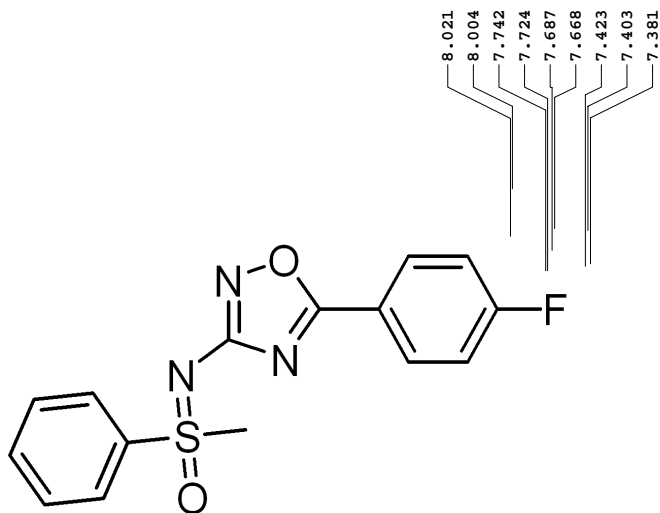
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-D2

Probe:ATB



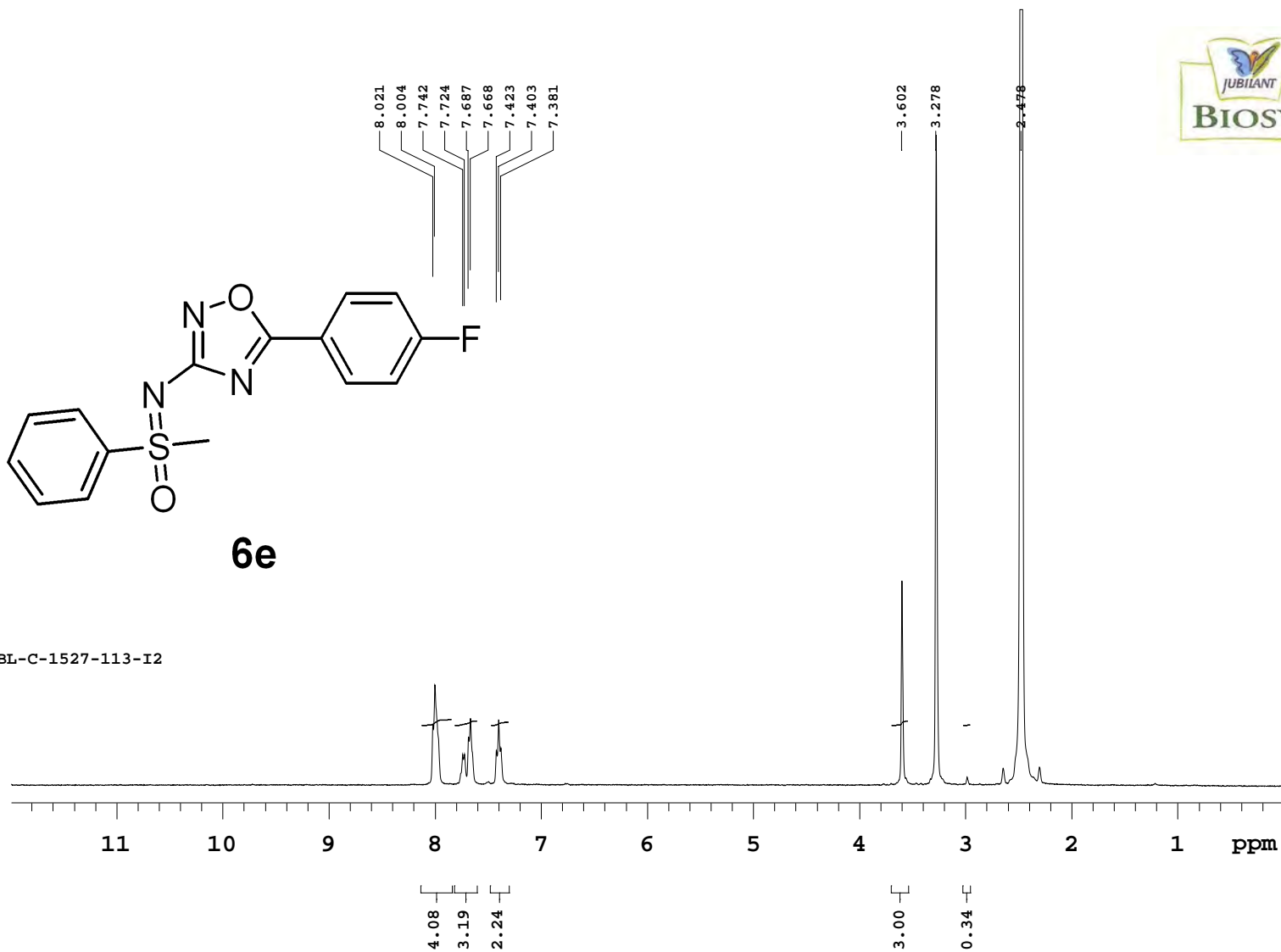
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 13 2018
TIME : 13:27:32



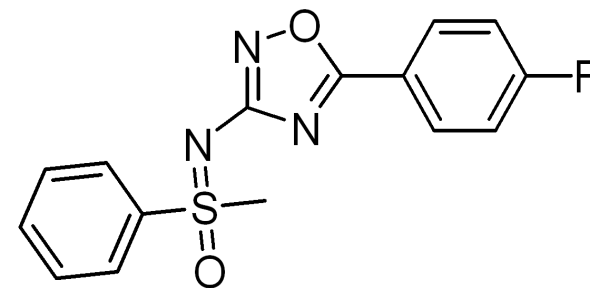
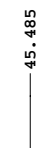
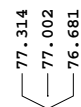
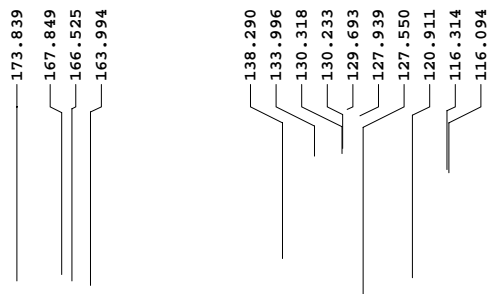
6e

NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-I2
Probe:ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 10000
Solvent : cdcl3
NP : 10000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 15 2018
TIME : 00:44:34

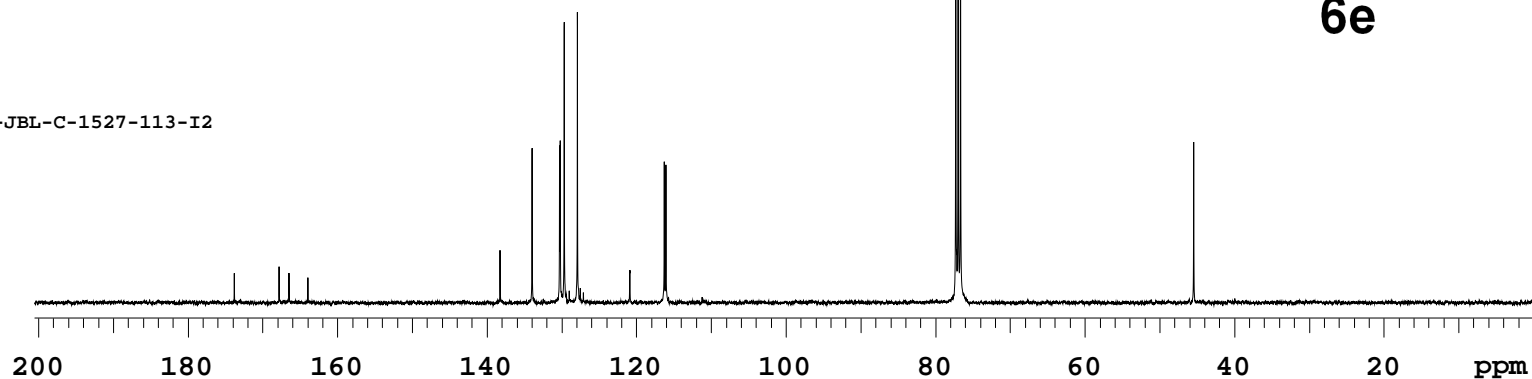


6e

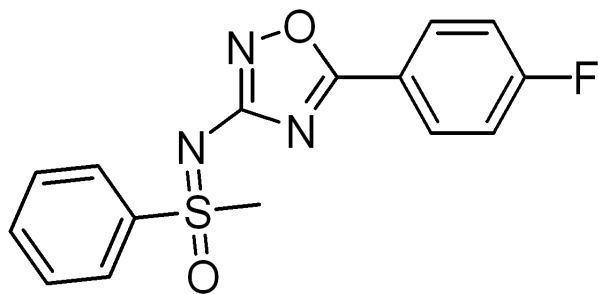
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-I2

Probe:ATB



NUCLEUS : F19
FRQ (MHz): 376.00
AT (sec): 0.73
SW (ppm): 237.46
RD (sec): 1.00
PW (usec): 4.50
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 13 2018
TIME : 13:29:36



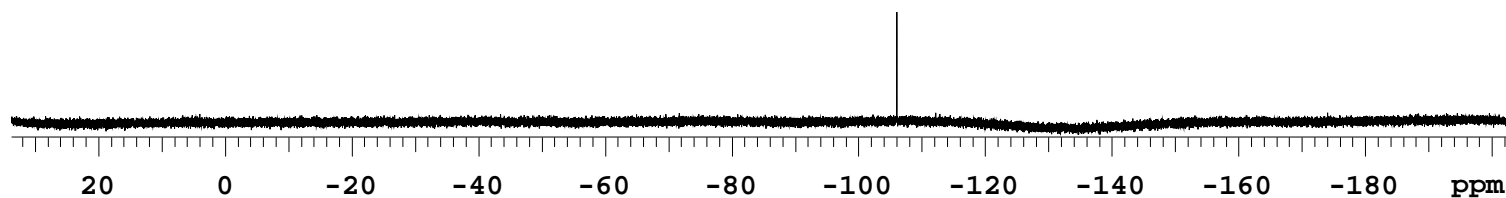
6e

-105.992

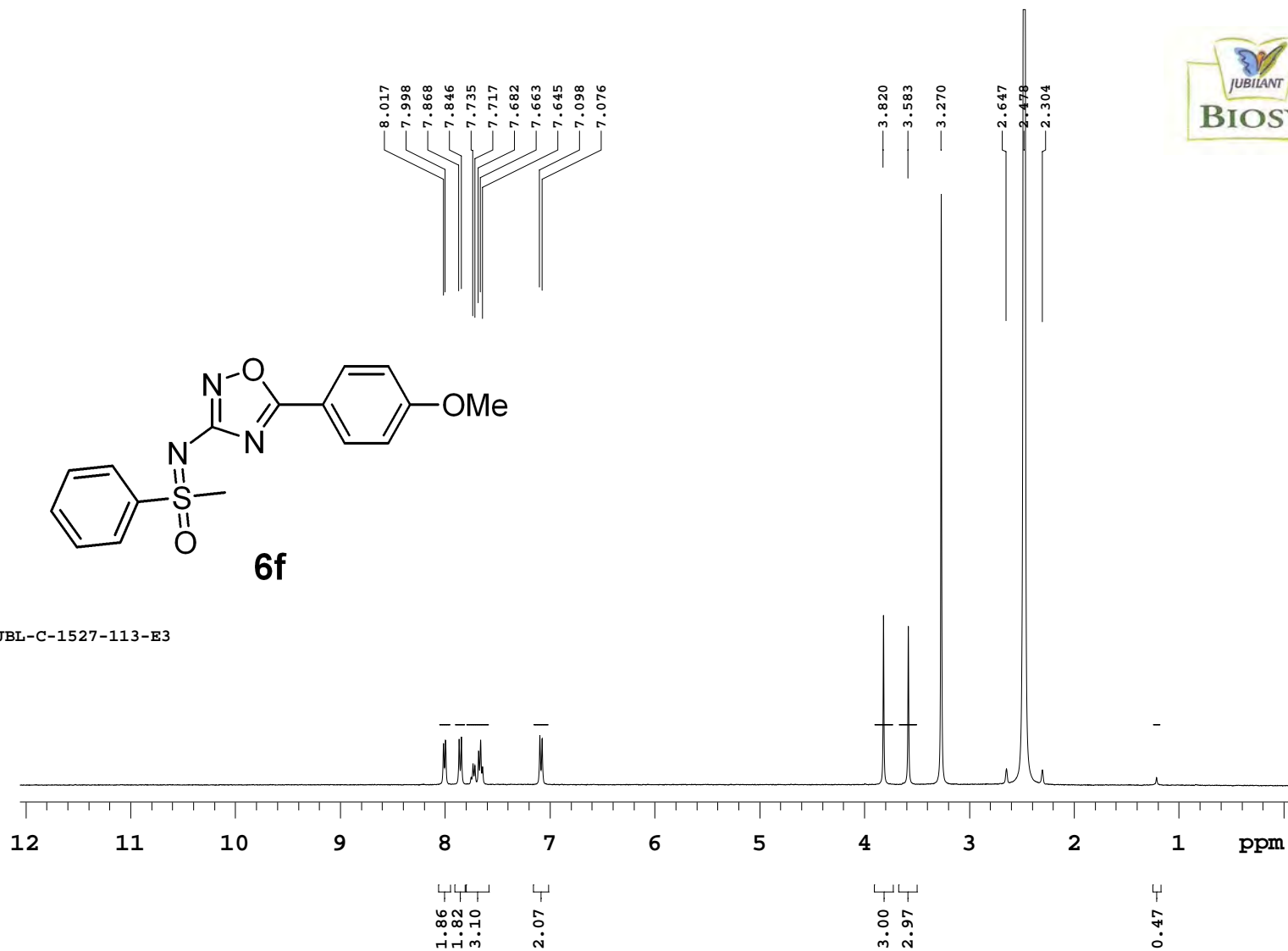
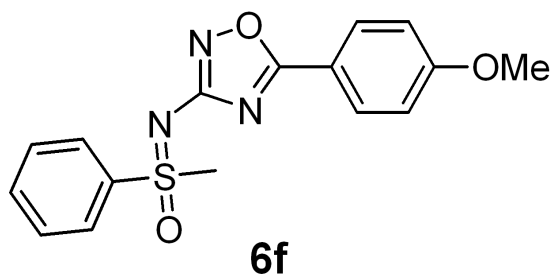


NMR REPORT

PROJECT CODE JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-I2
Probe:ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.55
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 3 2018
TIME : 12:03:54

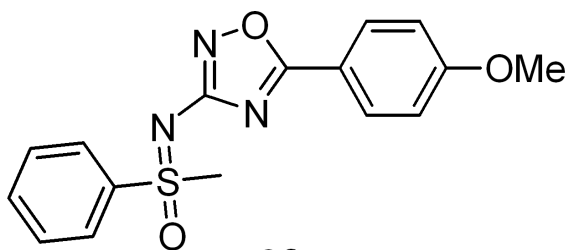


NMR REPORT

PROJECT CODE: JBPBD1
SAMPLE NAME : JBPBD1-JBL-C-1527-113-E3

Probe:ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 3 2018
TIME : 20:36:30

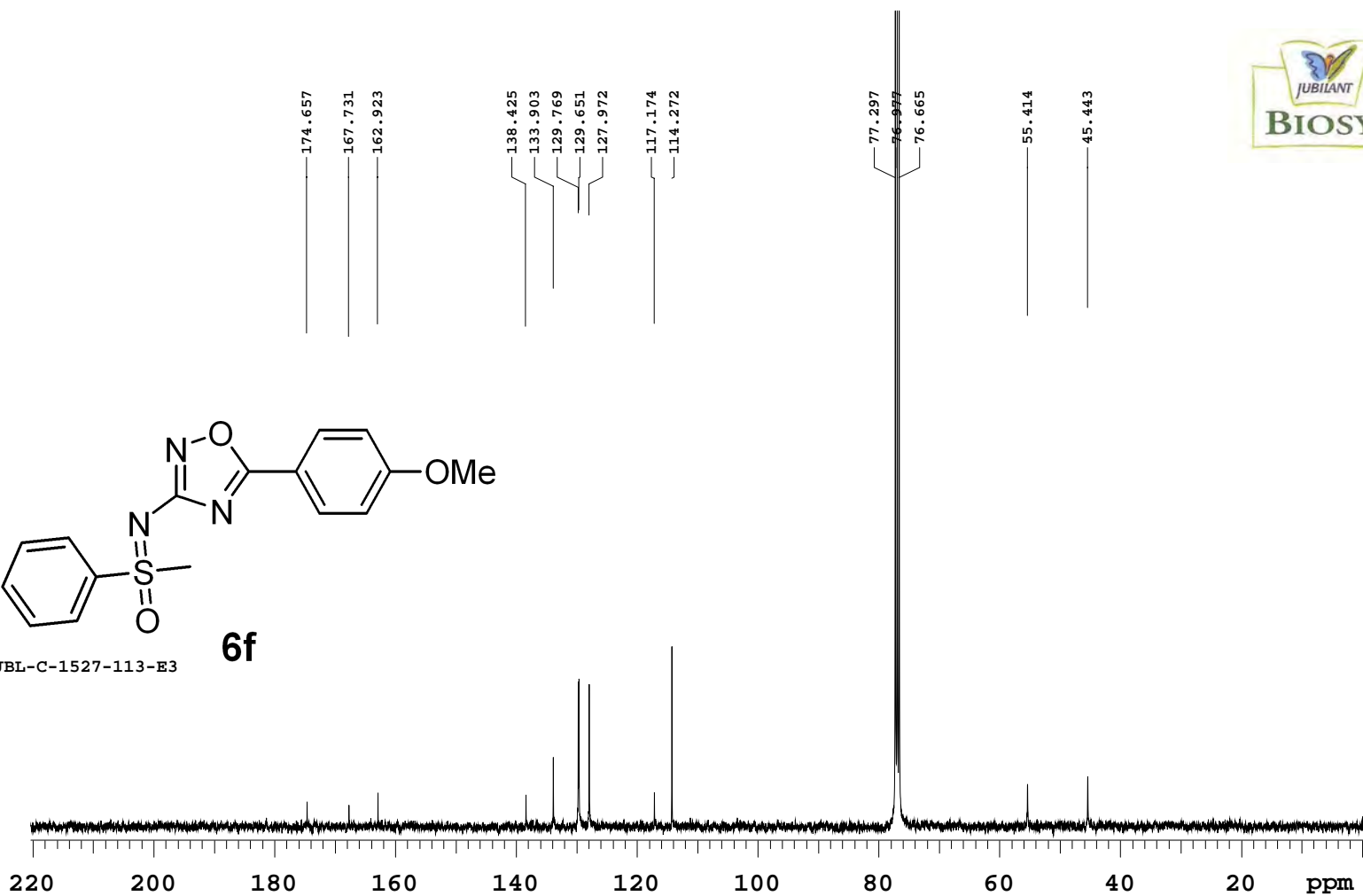


6f

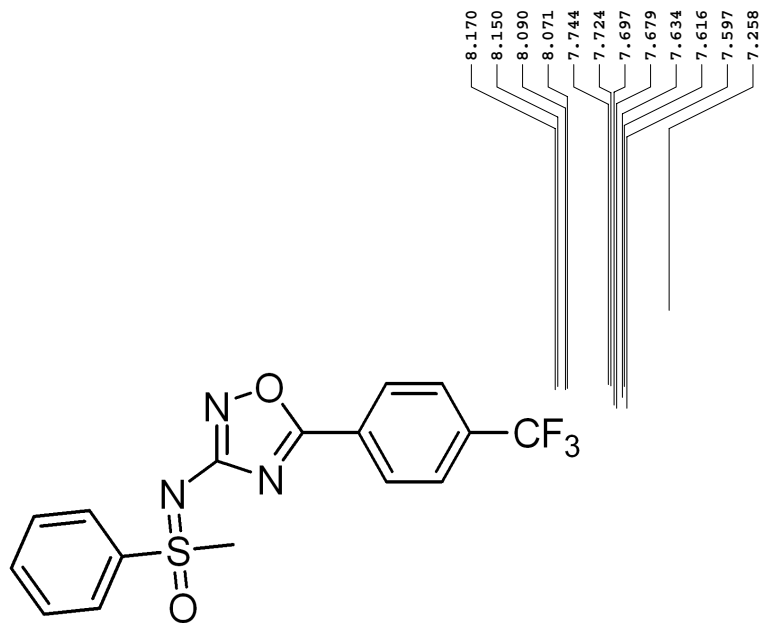
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-E3

Probe:ATB



NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Sep 17 2018
 TIME : 16:36:14

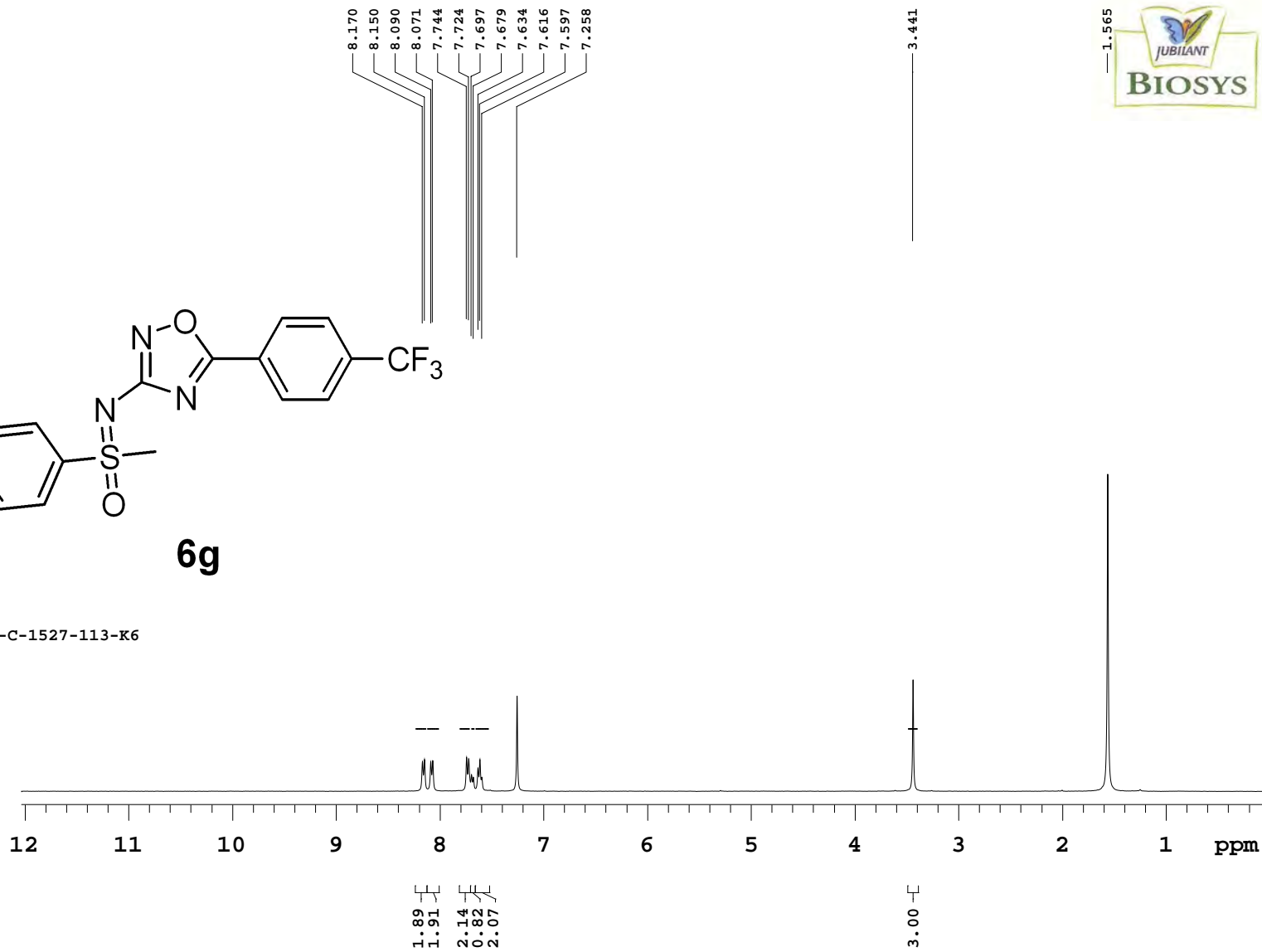


6g

NMR REPORT

Project Code : JBPHD1
 Sample Name : JBPHD1-JBL-C-1527-113-K6

Probe Name: ATB



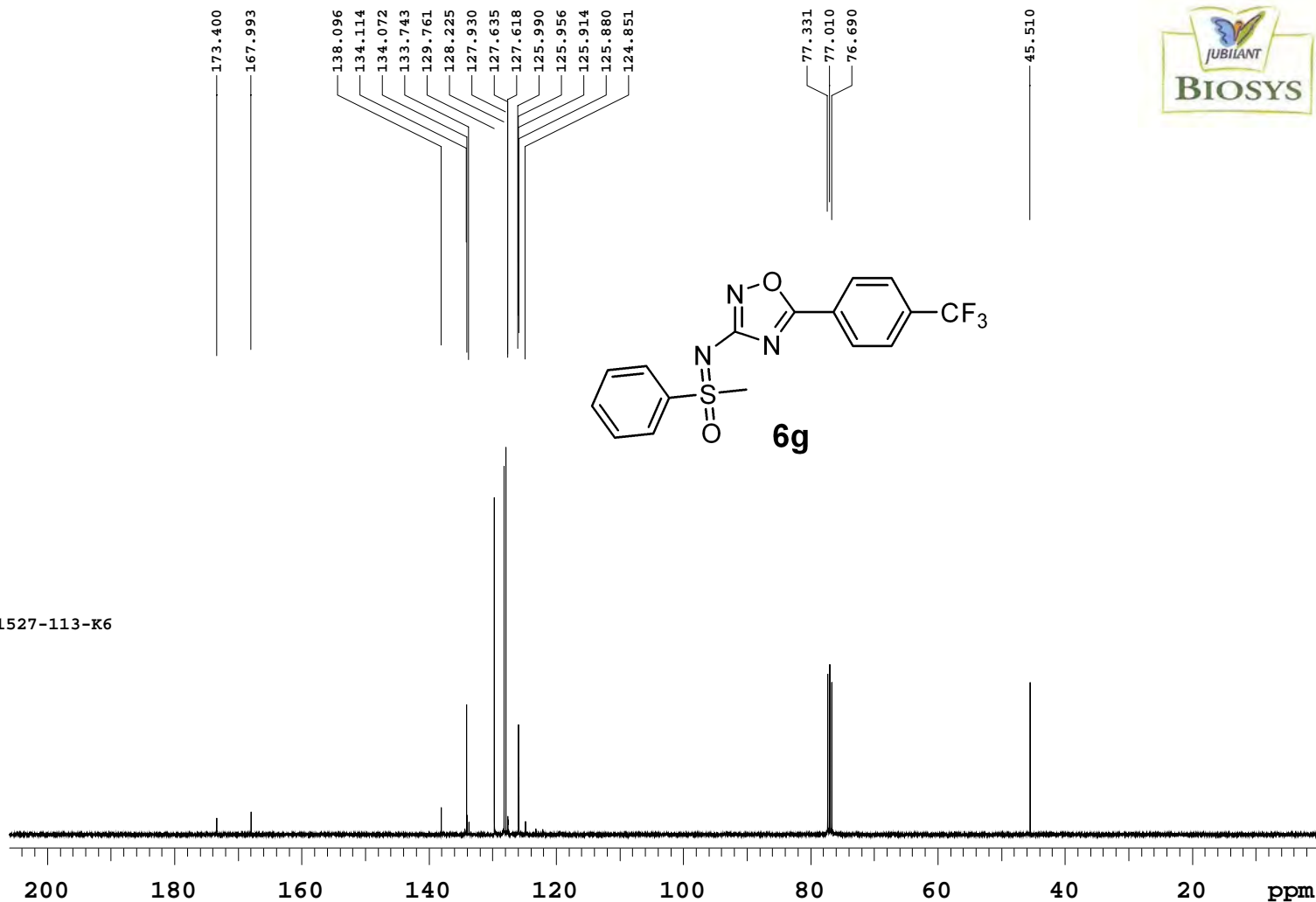
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 10000
Solvent : cdcl3
NP : 10000

TEMP (K): 303.15
EXP : s2pul
DATE : Sep 12 2019
TIME : 20:10:15

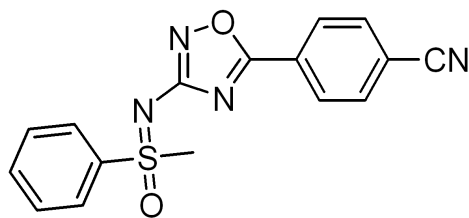
NMR REPORT:

PROJECT NAME : JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-K6

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 29 2018
TIME : 18:19:20

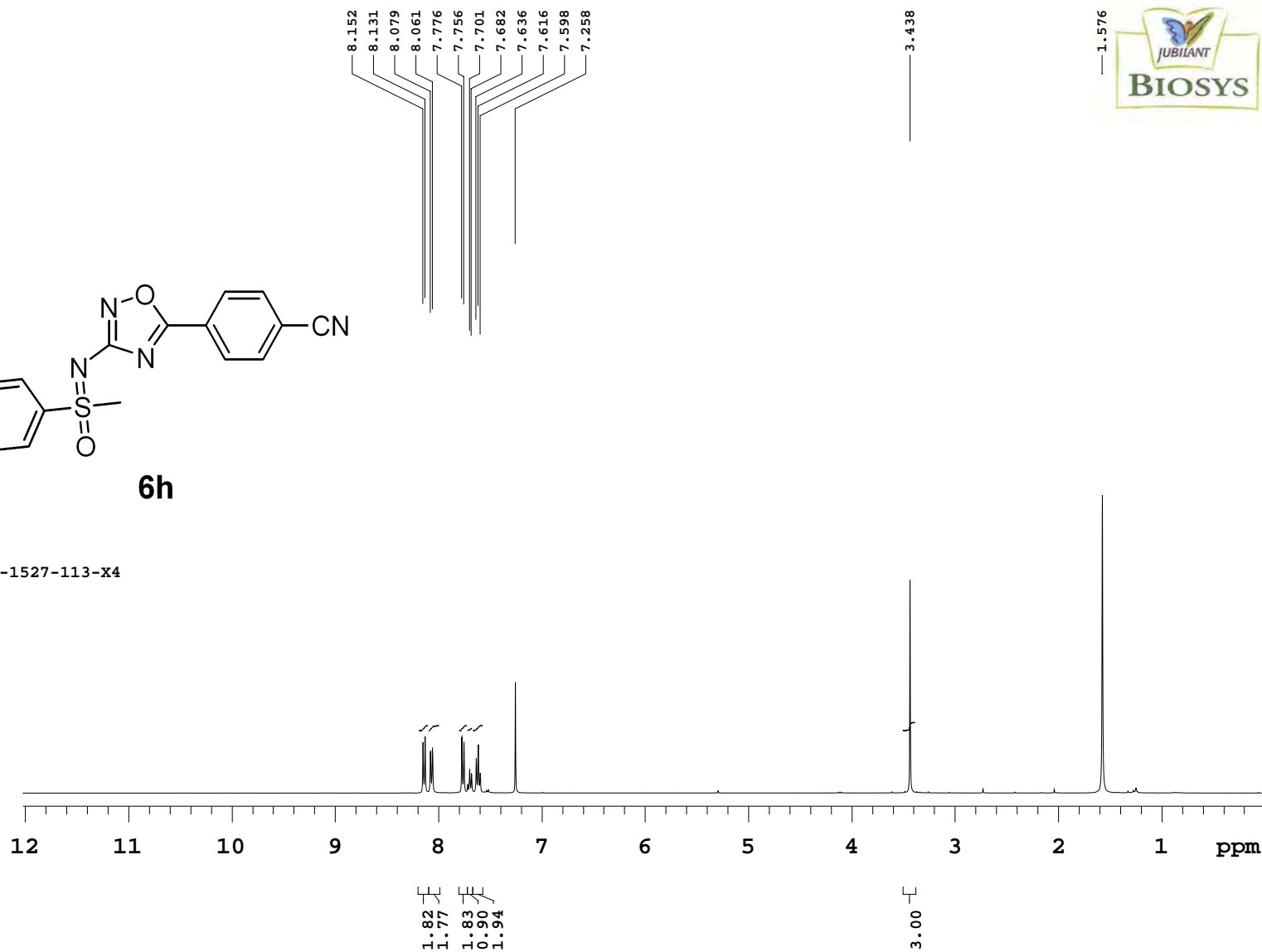


6h

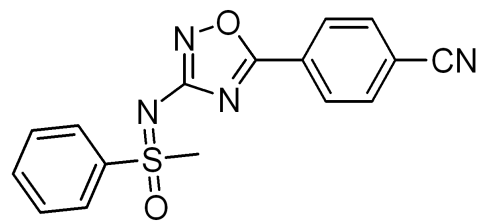
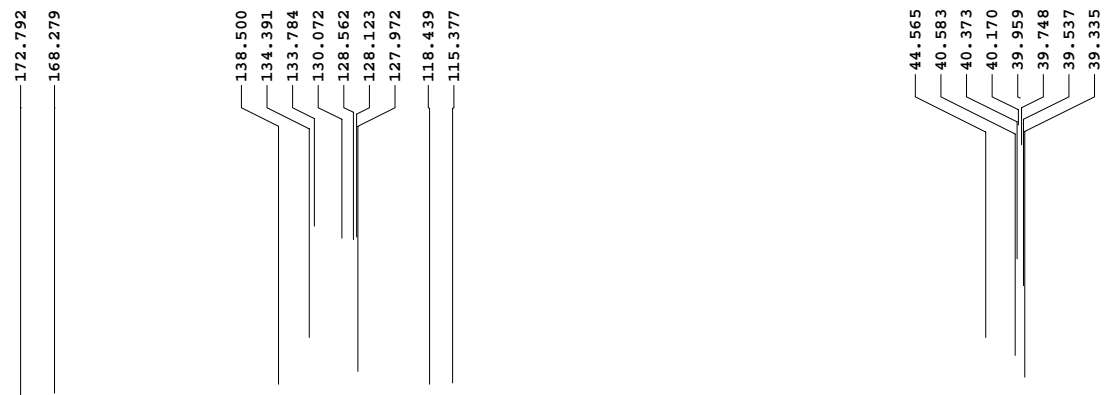
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-113-X4

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 3 2018
TIME : 19:31:22

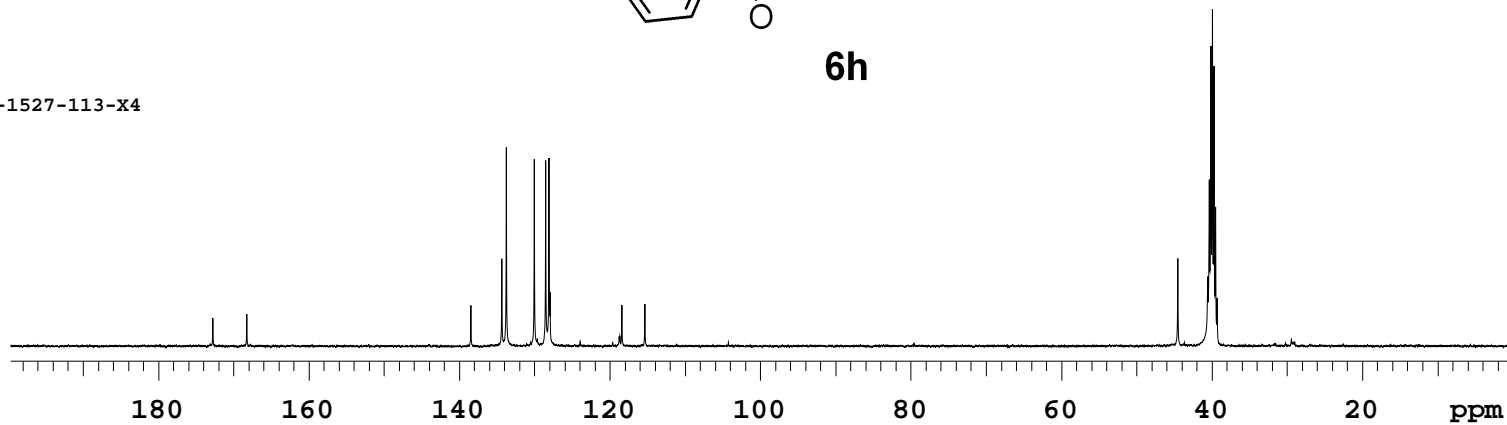


6h

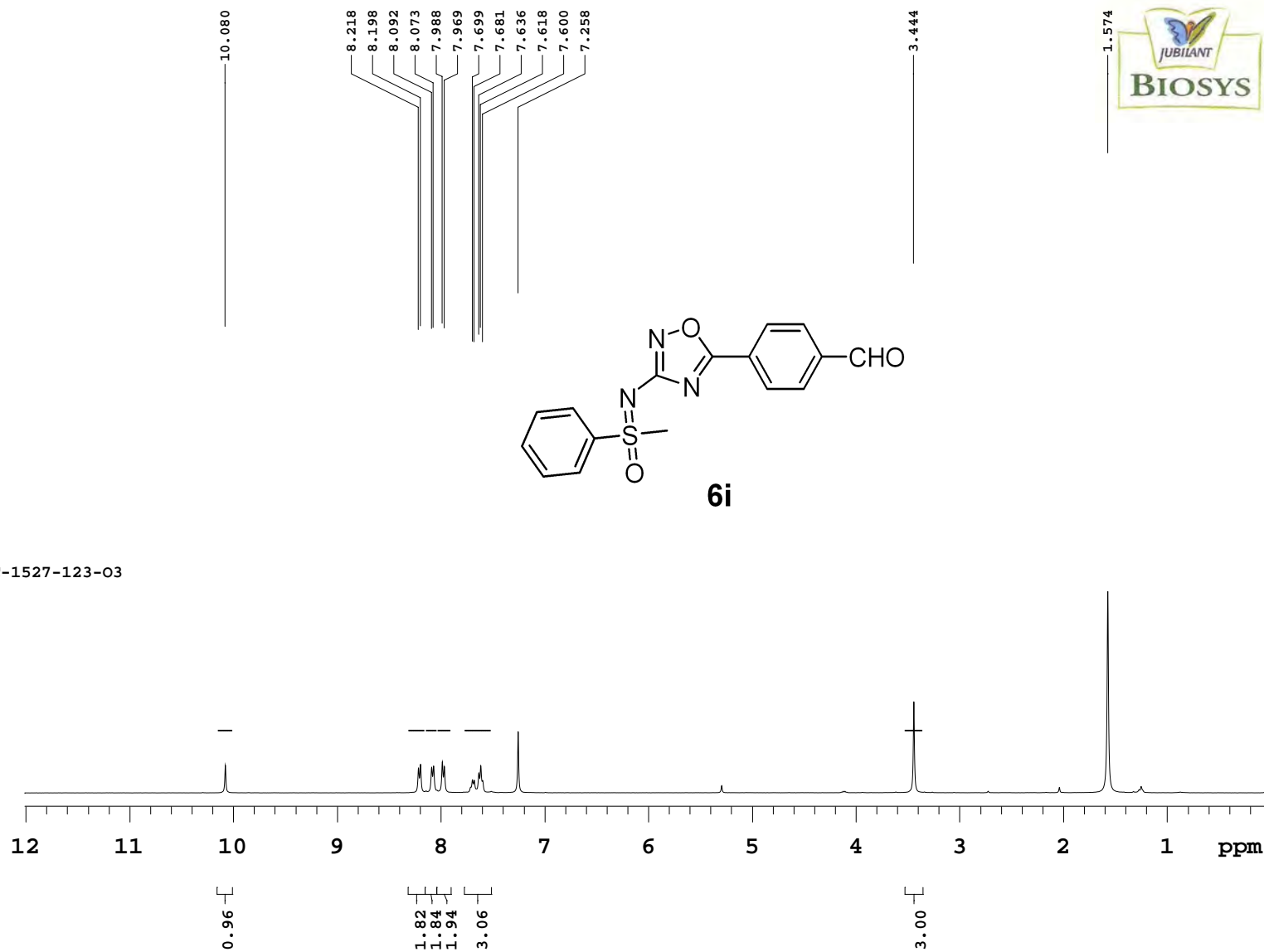
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-113-X4

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 30 2018
TIME : 14:40:16

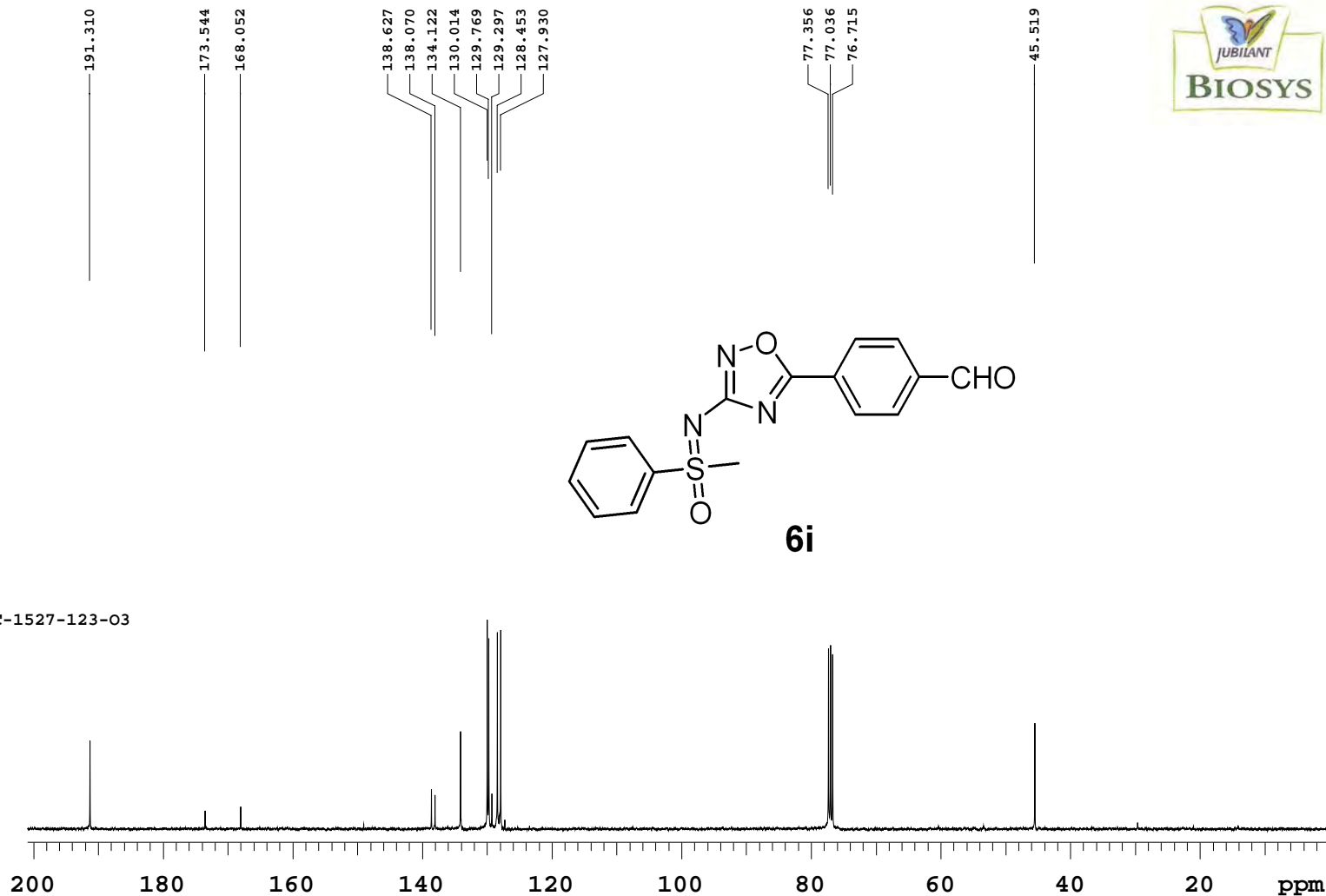


NMR REPORTS:

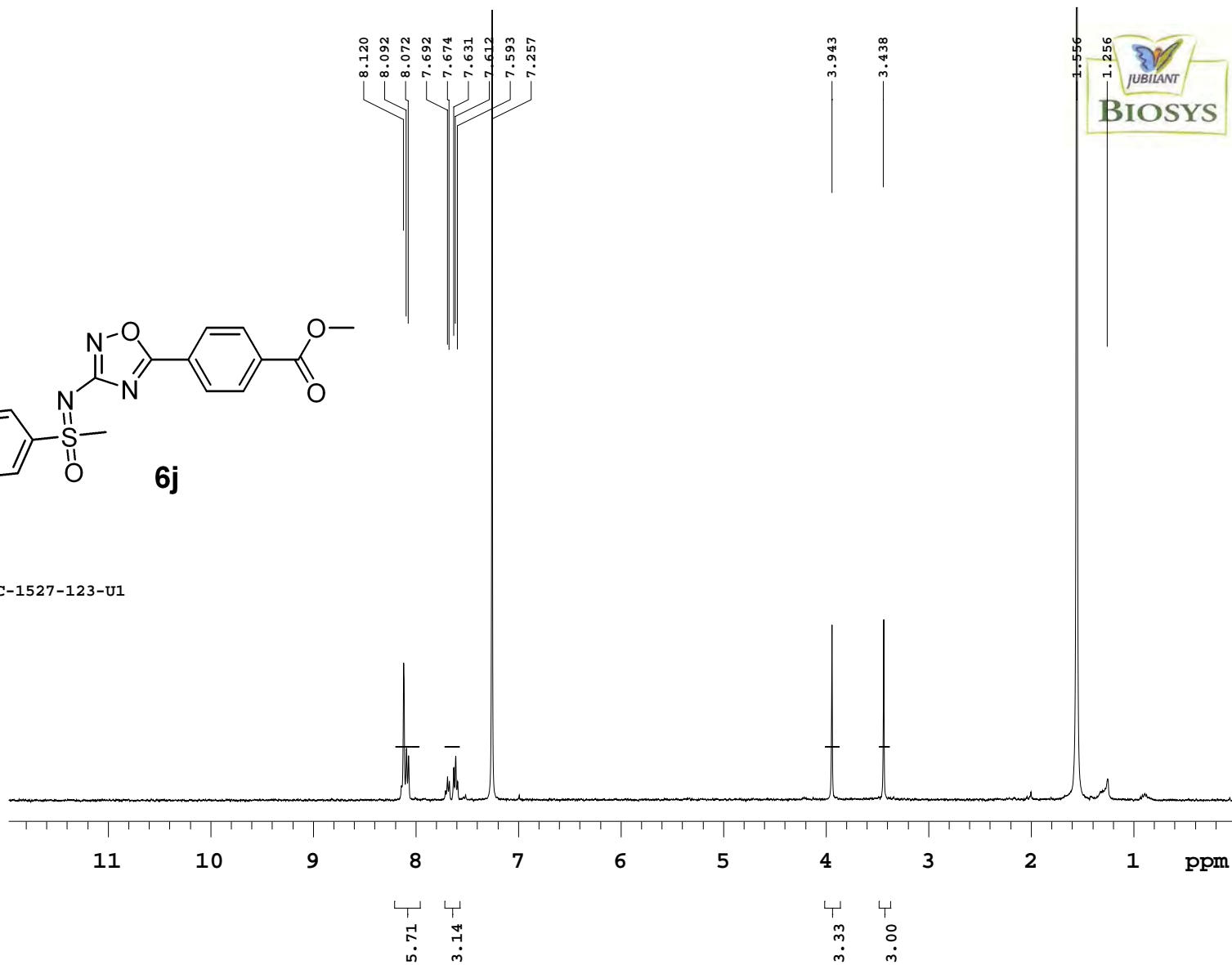
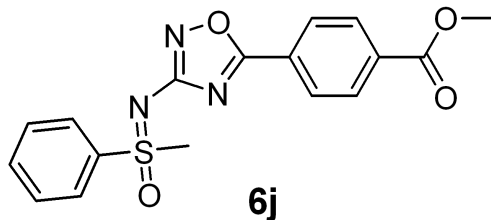
PROJECT NAME : JBPHD1-JBL-C-1527-123-O3

PROBE: ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 1 2018
TIME : 12:47:46



NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 25 2018
TIME : 11:28:21



NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-123-U1

PROBE: ATB

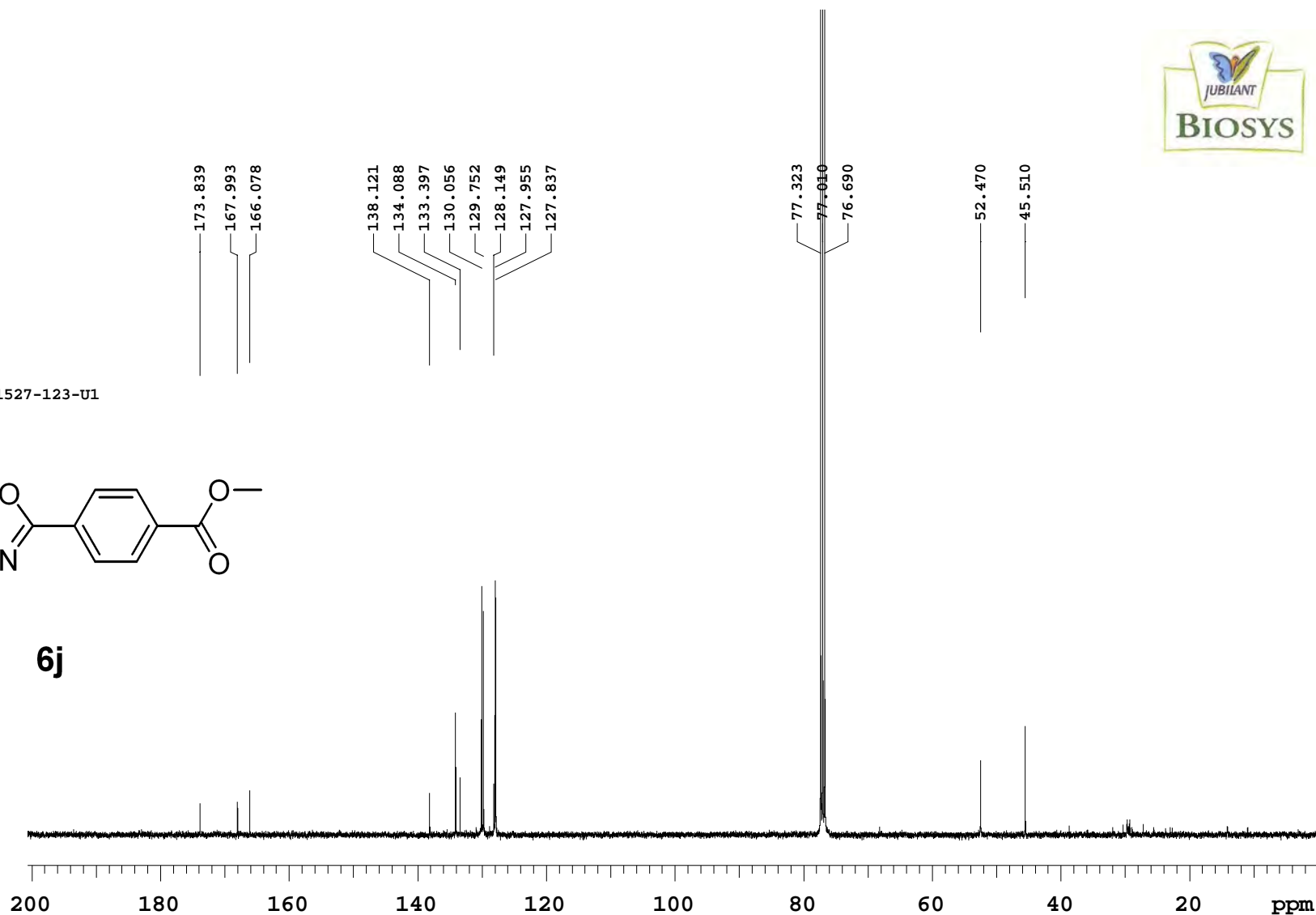
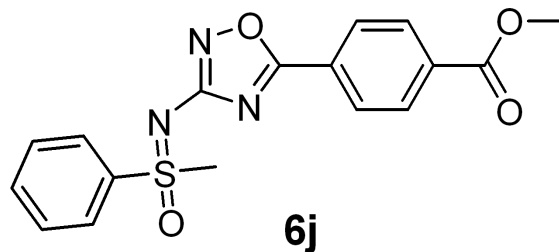
NUCLEUS : C13
 FRQ (MHz) : 100.50
 AT (sec) : 1.18
 SW (ppm) : 276.40
 RD (sec) : 1.00
 PW (usec) : 5.40
 Scans : 5000
 Solvent : cdcl3
 Data Points : 65536
 LB (Hz) : 1.00
 TEMP (K) : 303.15
 EXP : s2pul
 DATE : Dec 26 2018
 System : VNMRS_400



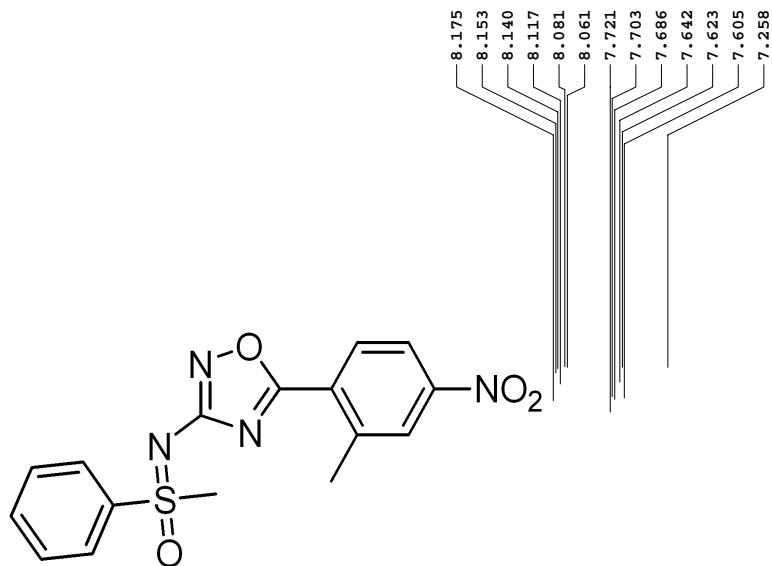
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-U1

PROBE: ATB



NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 9 2018
 TIME : 17:14:15



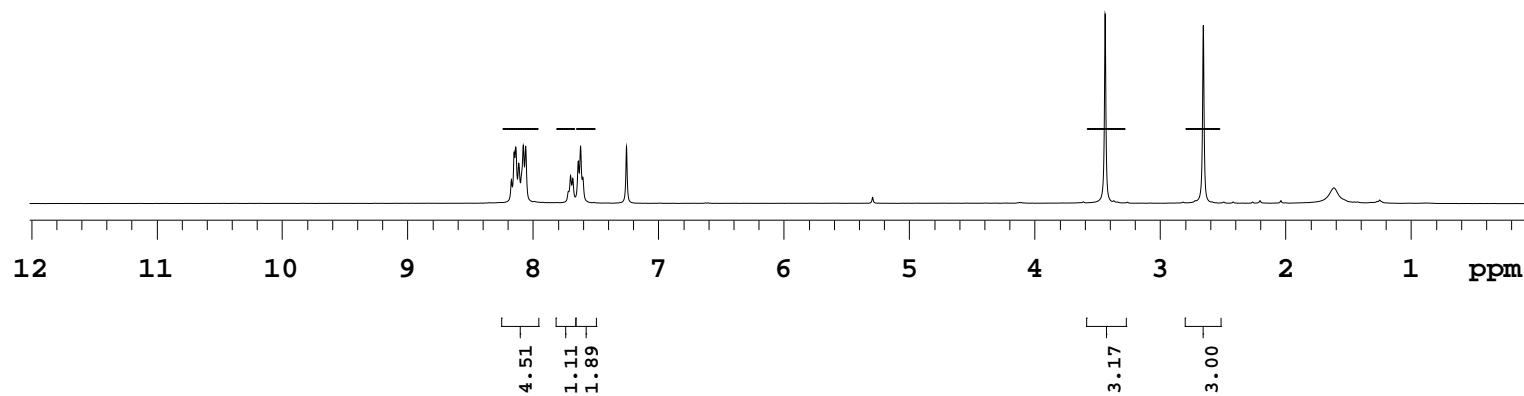
6k



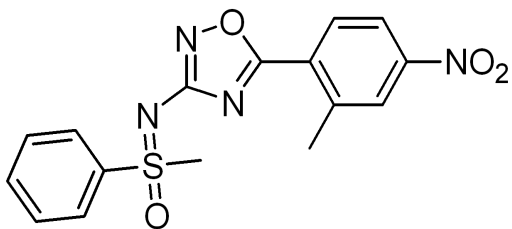
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-E3

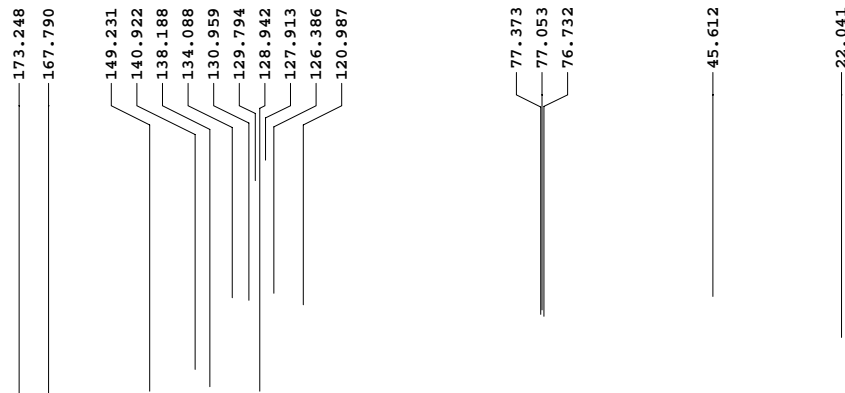
PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 9 2018
TIME : 18:59:43



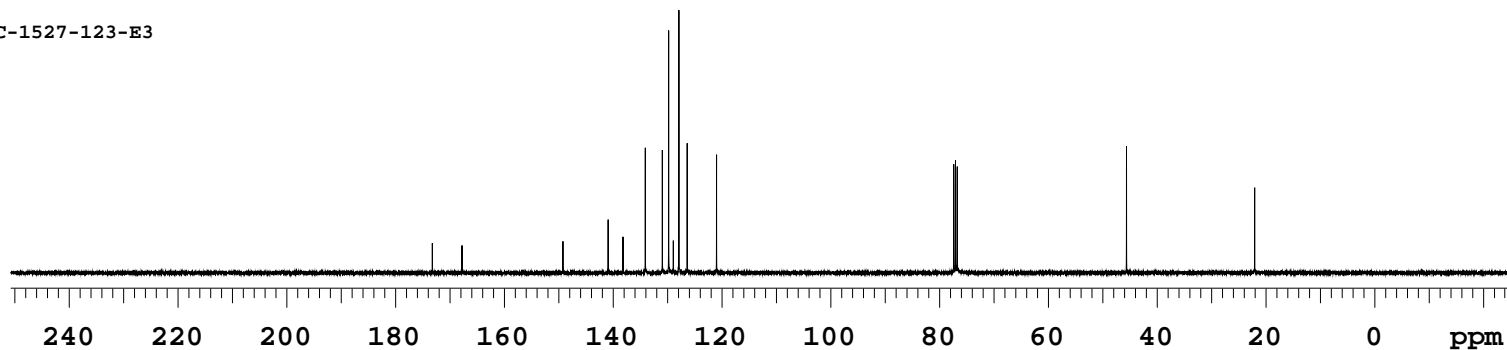
6k



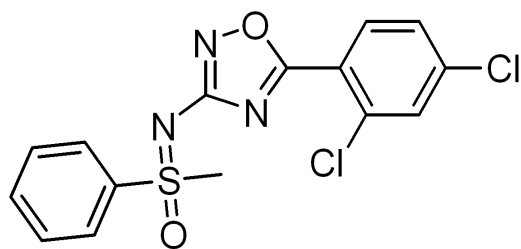
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-123-E3

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 29 2018
TIME : 15:16:36

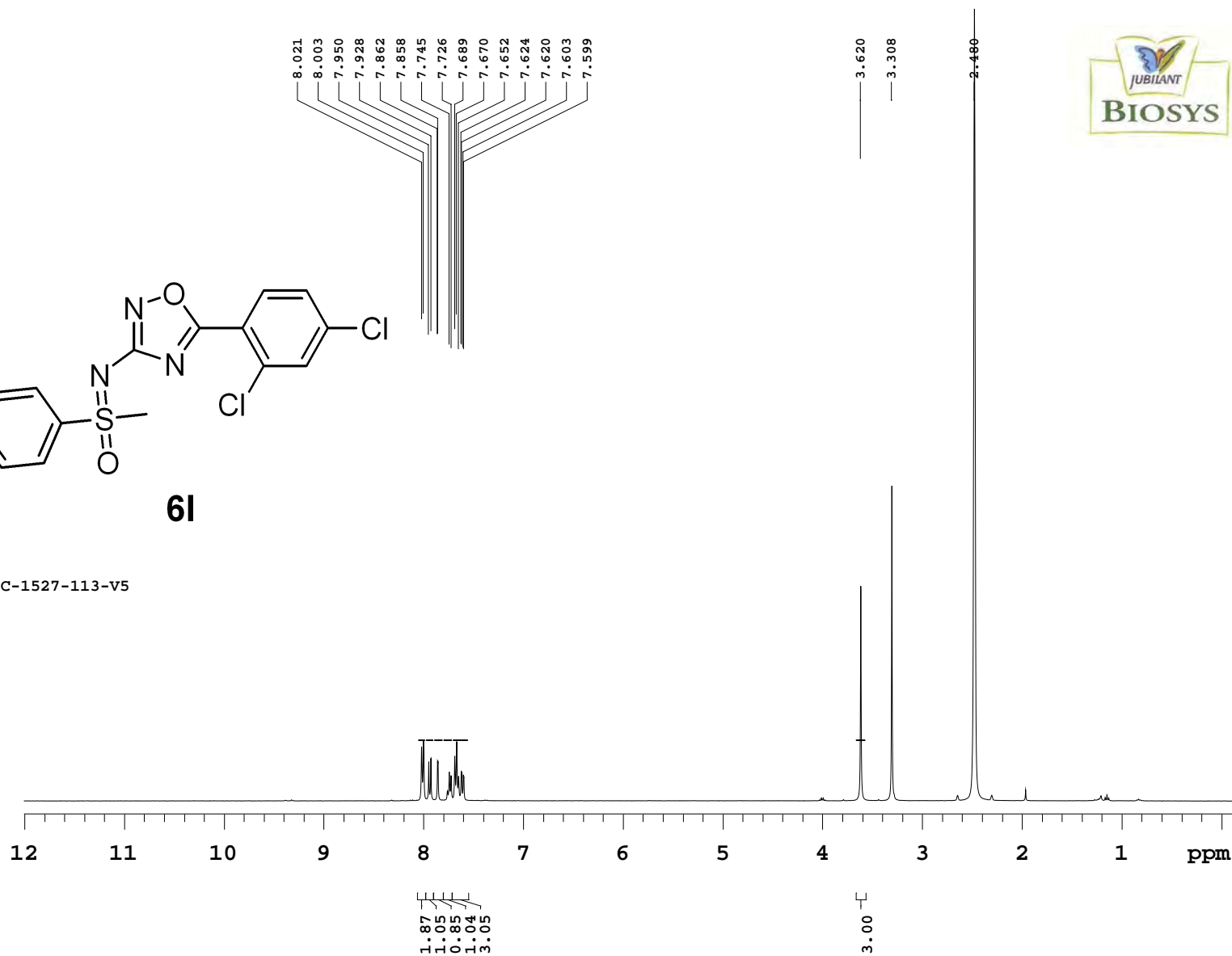


6I

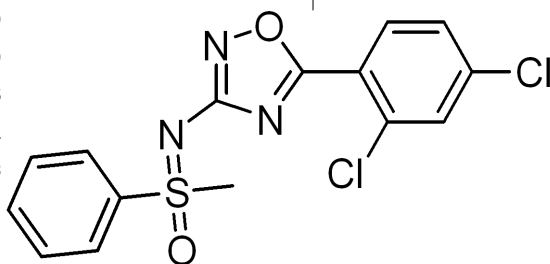
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-V5

PROBE: ATB



NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.40
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Dec 1 2018
 TIME : 09:39:05

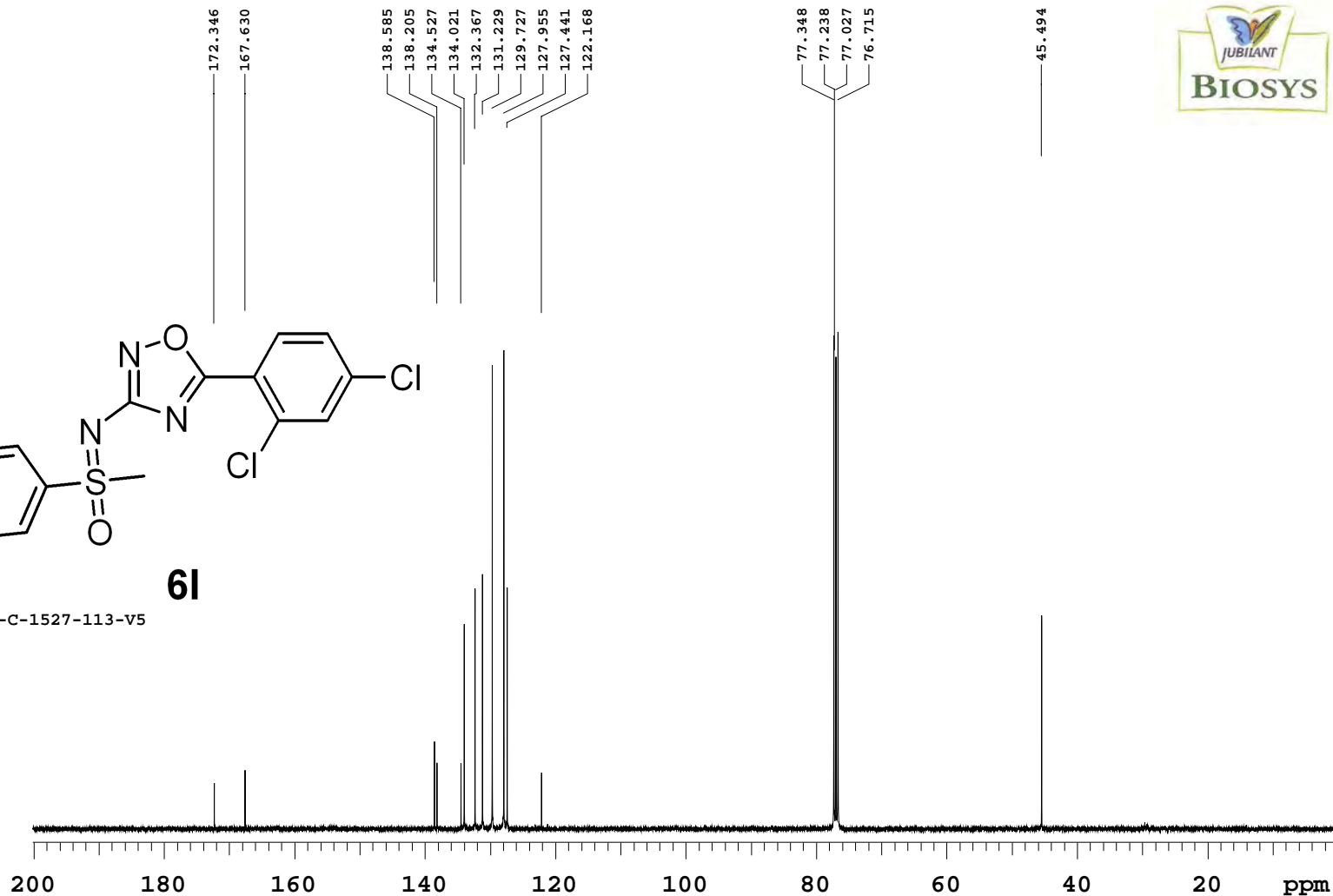


6I

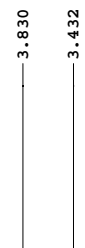
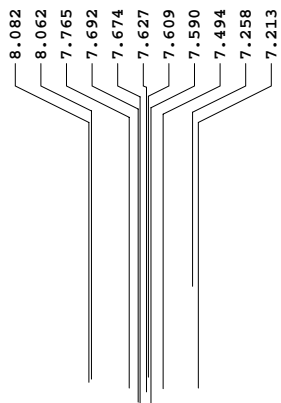
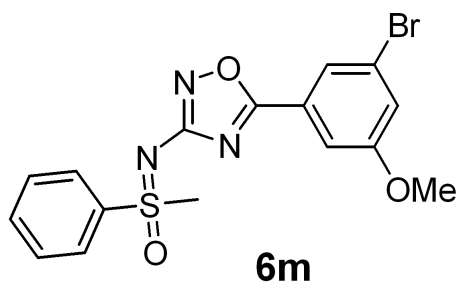
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-113-V5

PROBE: ATB



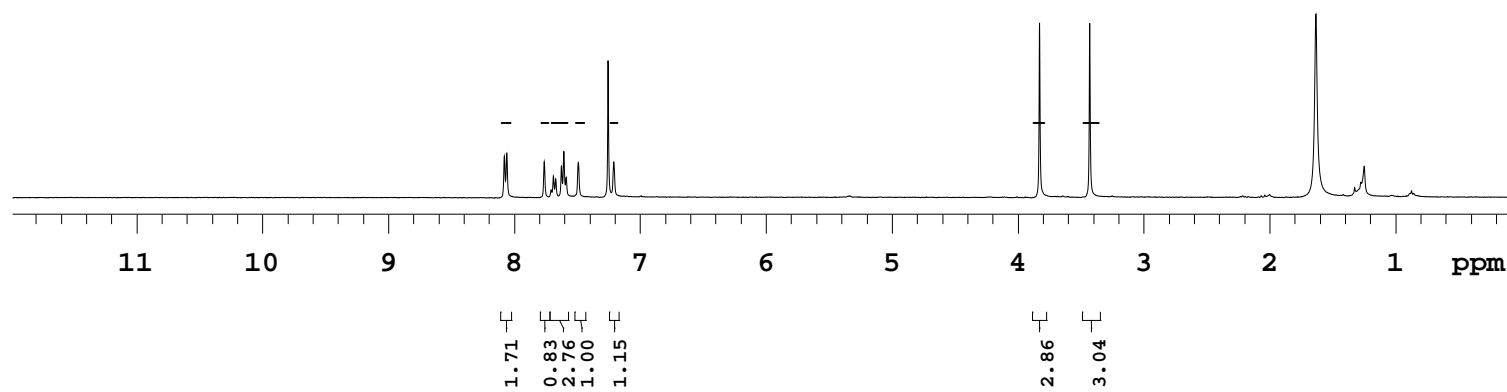
NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Dec 3 2018
 TIME : 13:14:52



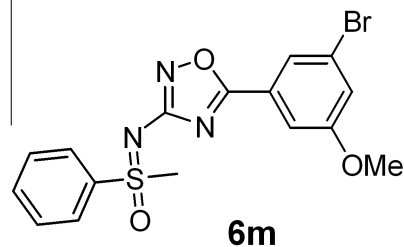
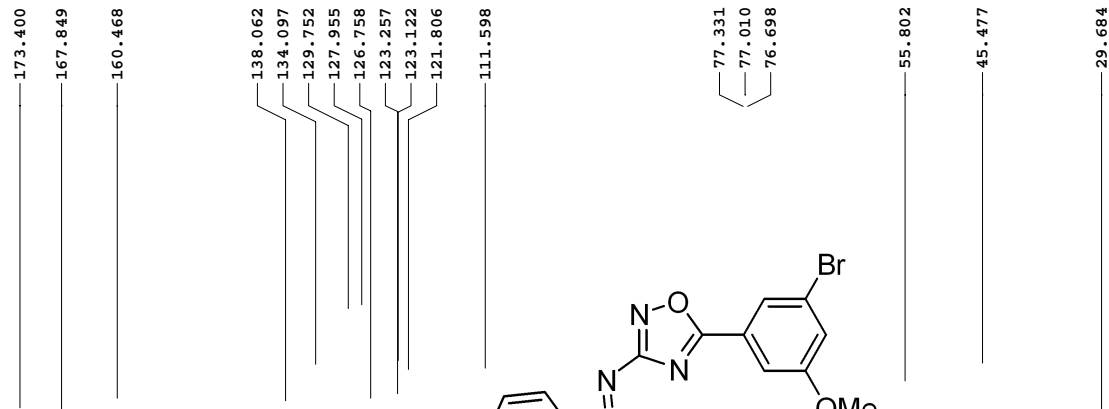
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-123-P3

PROBE: ATB



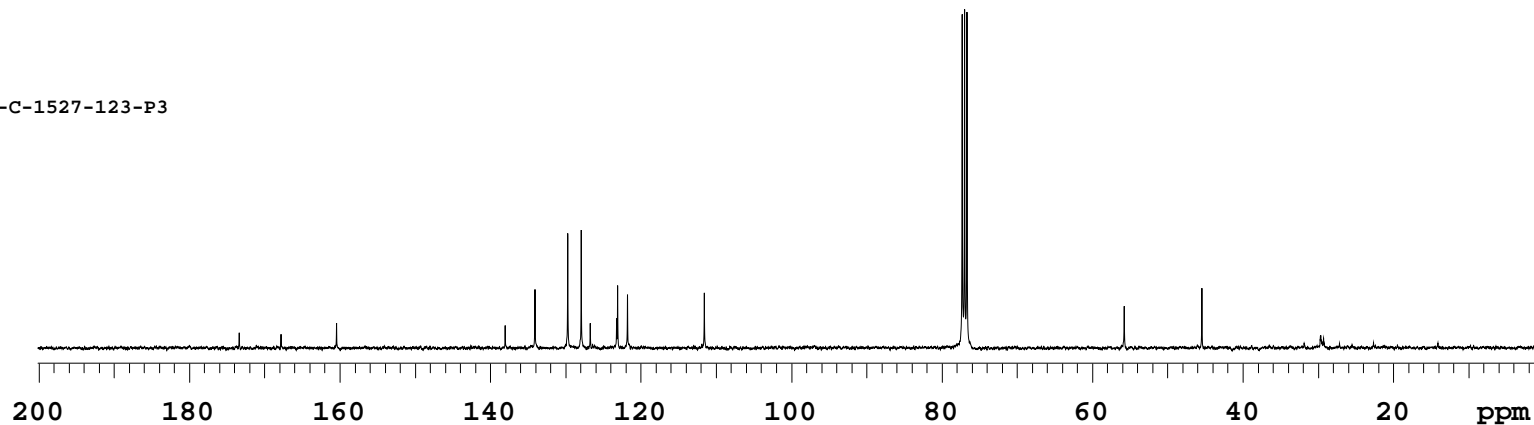
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 4.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 3 2018
TIME : 22:40:48



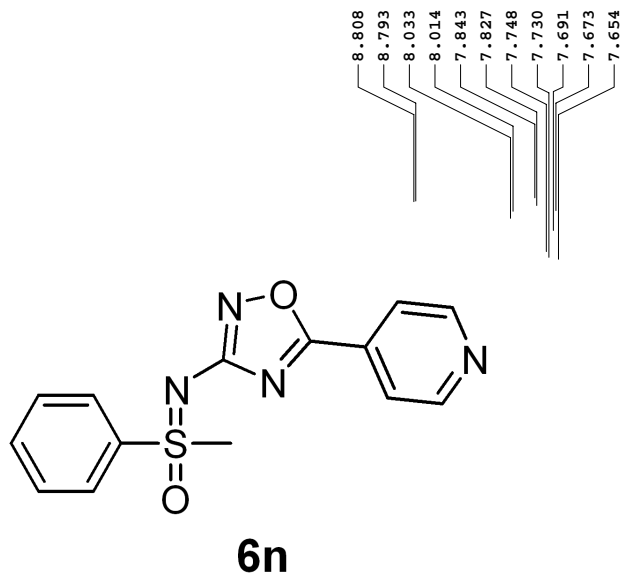
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-123-P3

PROBE: ATB



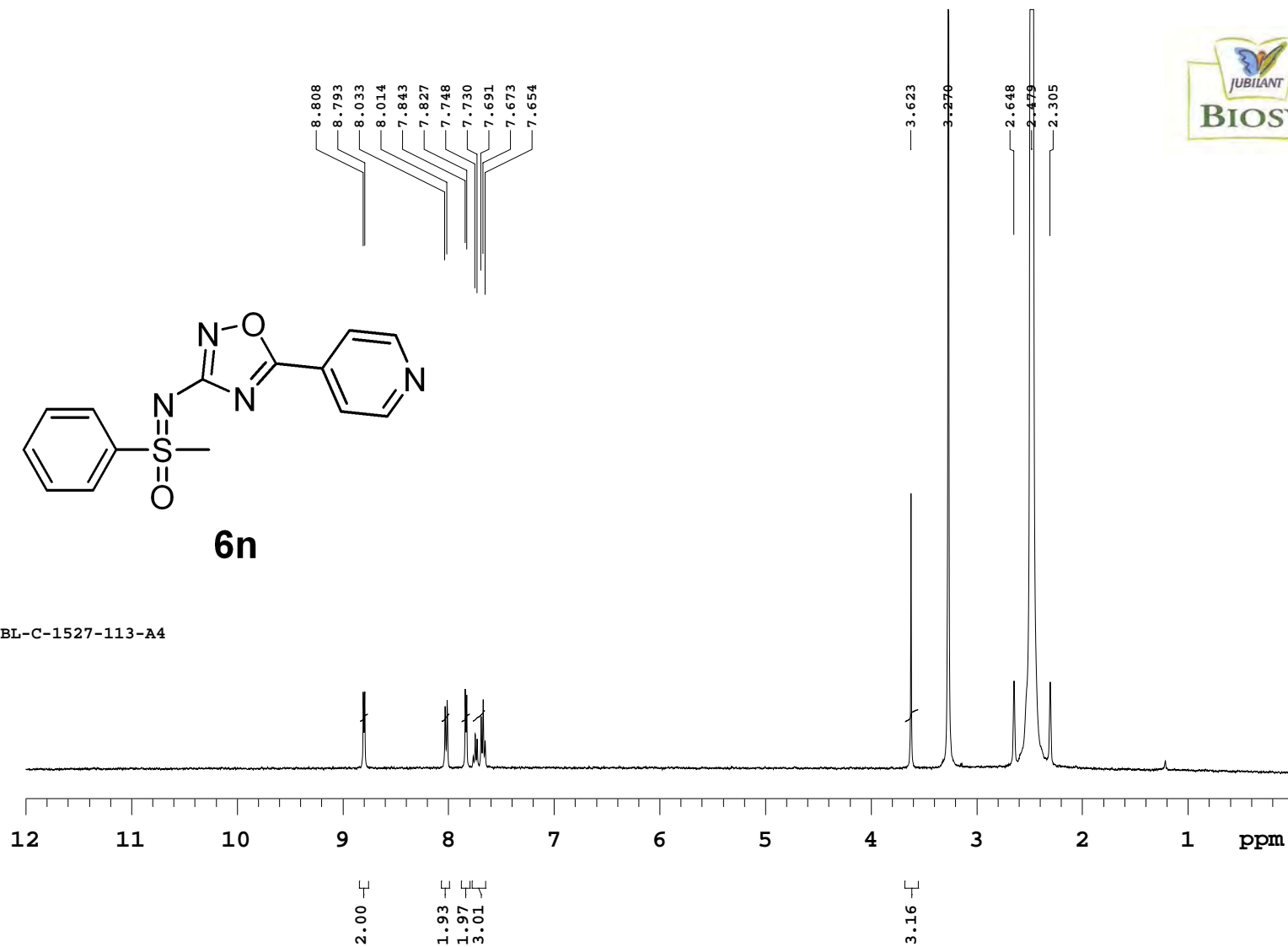
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.55
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jul 31 2018
TIME : 21:28:45



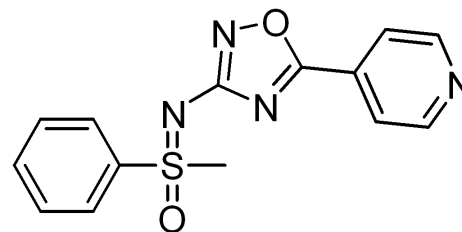
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-A4

Probe:ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 2 2018
TIME : 21:24:41

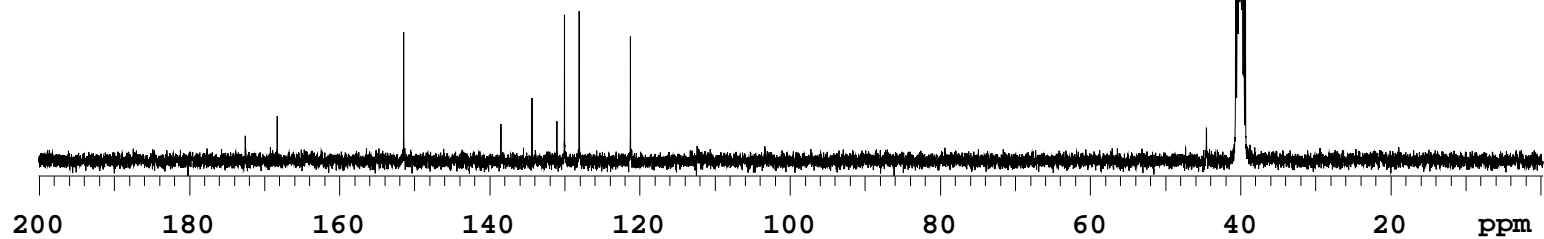


6n

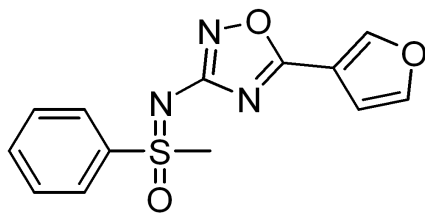
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-A4

Probe:ATB



NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.55
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 8 2018
TIME : 14:20:34

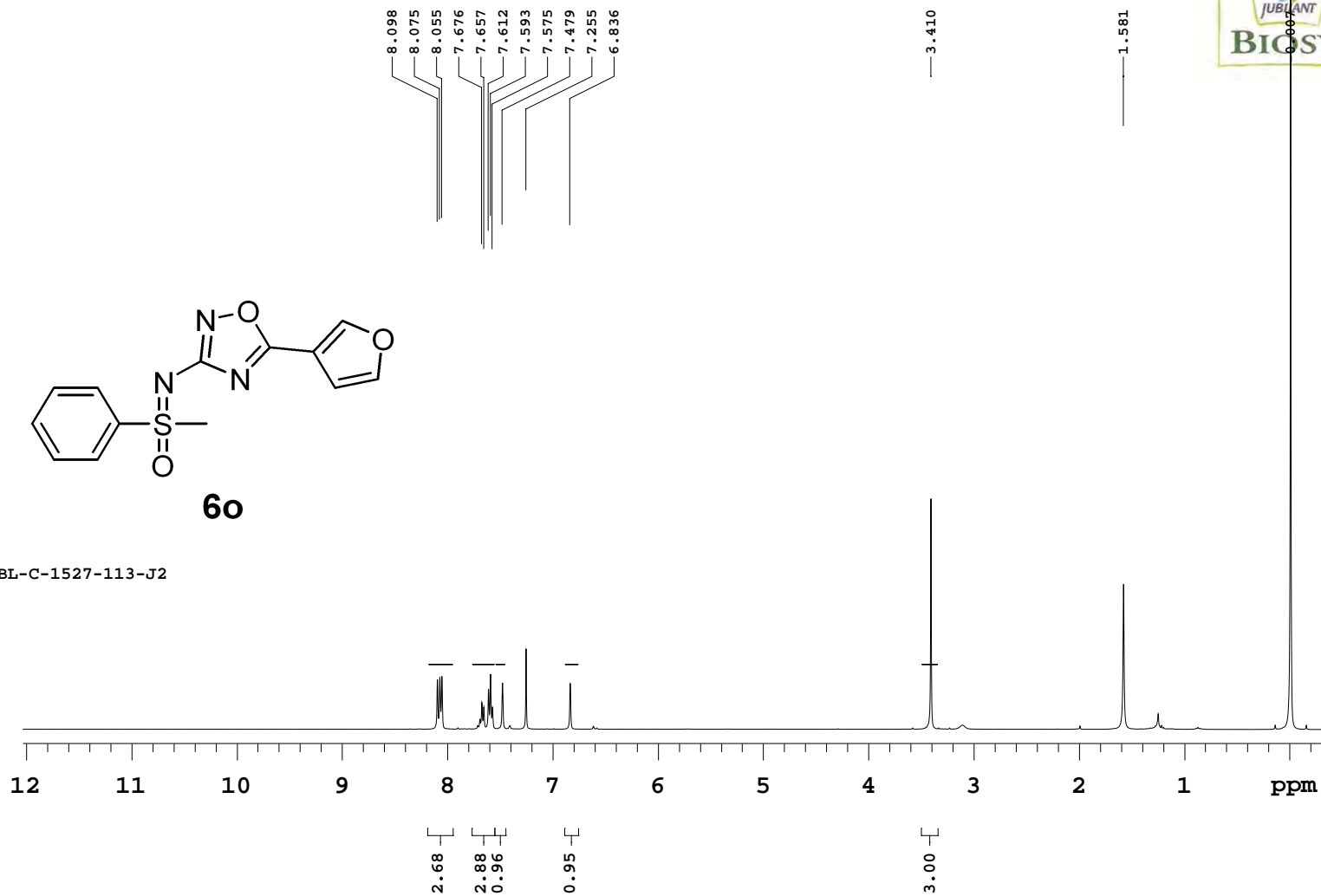


6o

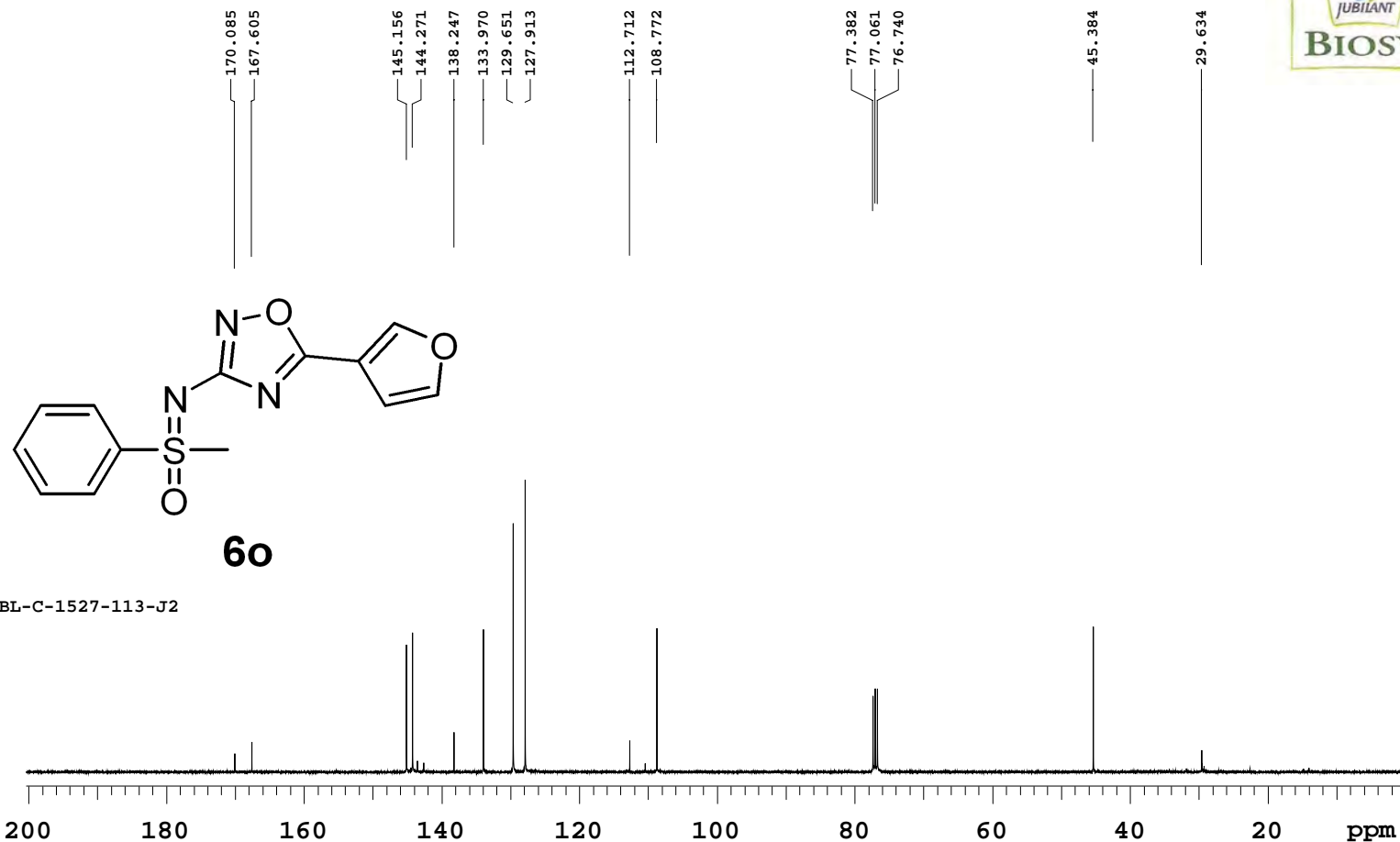
NMR REPORT

PROJECT CODE:JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-J2

Probe:ATB



NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.40
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Aug 11 2018
 TIME : 17:26:08



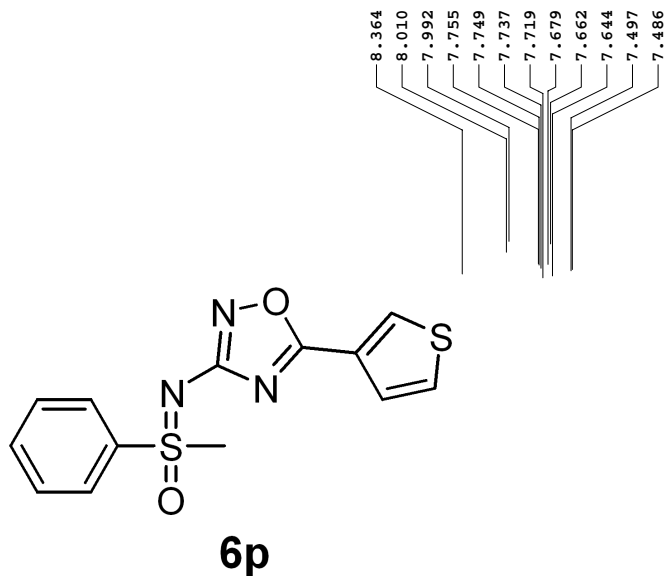
NMR REPORT

PROJECT CODE: JBPHD1
 SAMPLE NAME : JBPHD1-JBL-C-1527-113-J2

Probe:ATB



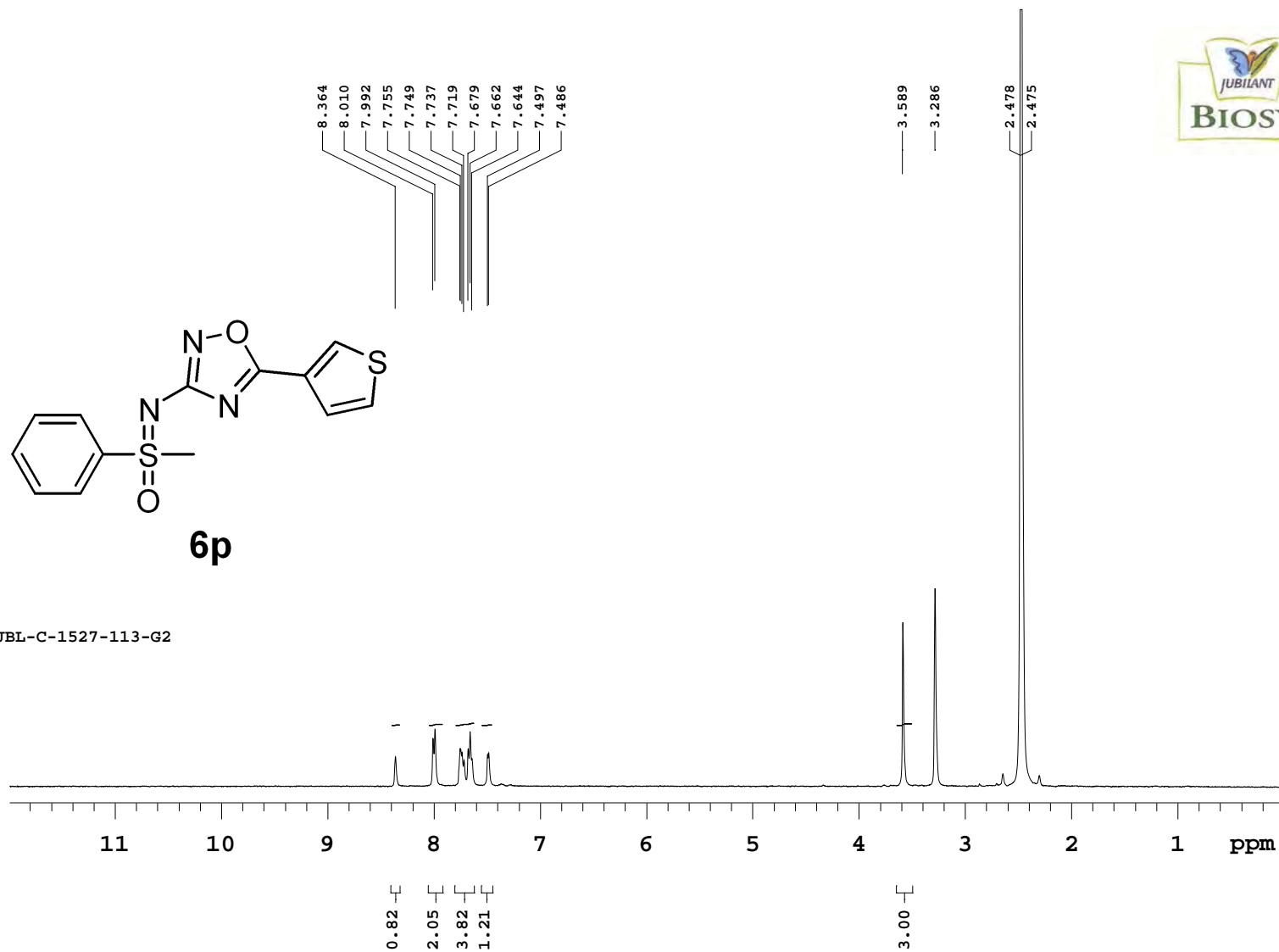
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.55
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 7 2018
TIME : 11:14:09



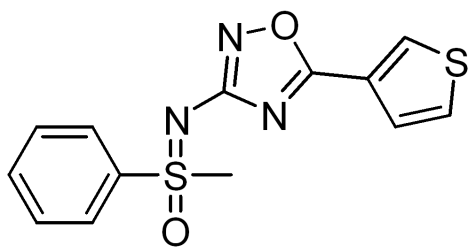
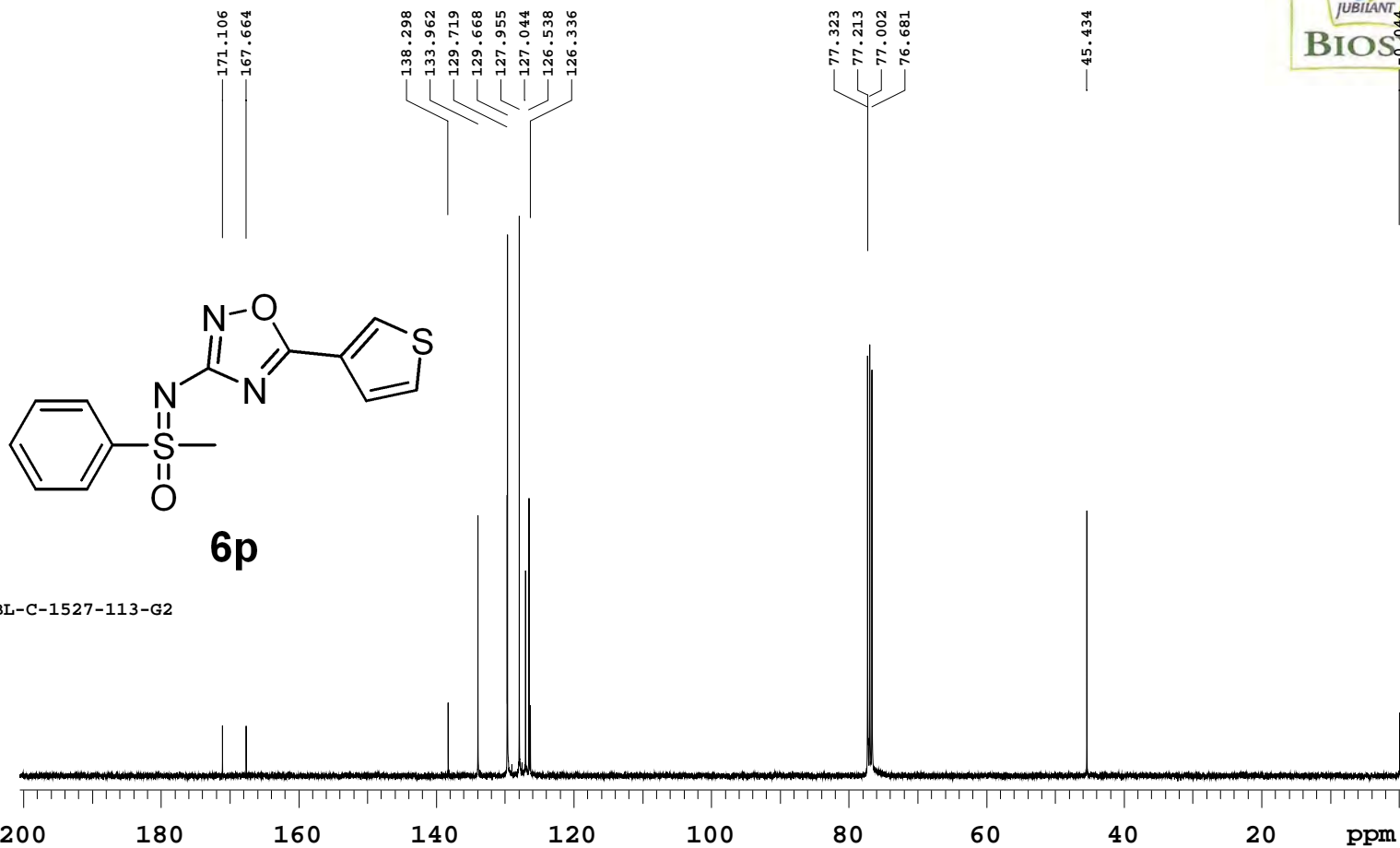
NMR REPORT

PROJECT CODE: JBPBD1
SAMPLE NAME : JBPBD1-JBL-C-1527-113-G2

Probe:ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 11 2018
TIME : 14:17:04



6p

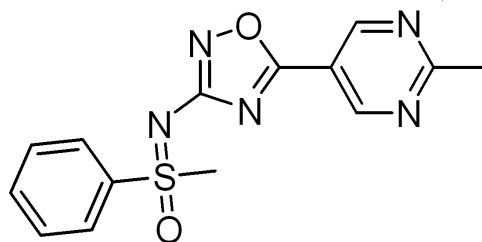
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-G2

Probe:ATB



NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 7 2018
 TIME : 18:14:52

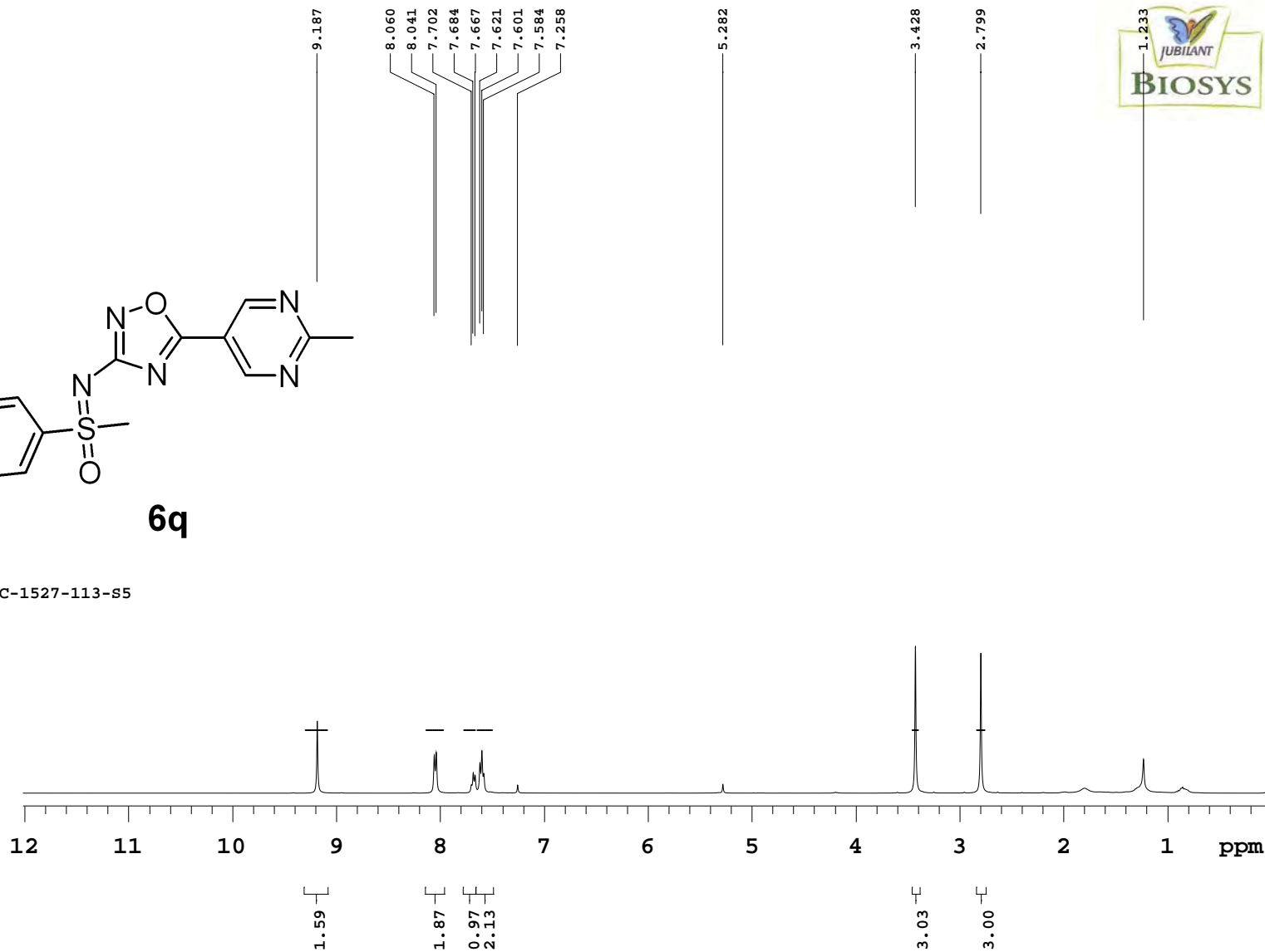


6q

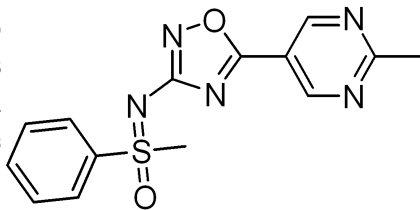
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-113-S5

PROBE: ATB



NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.40
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 7 2018
 TIME : 22:34:55

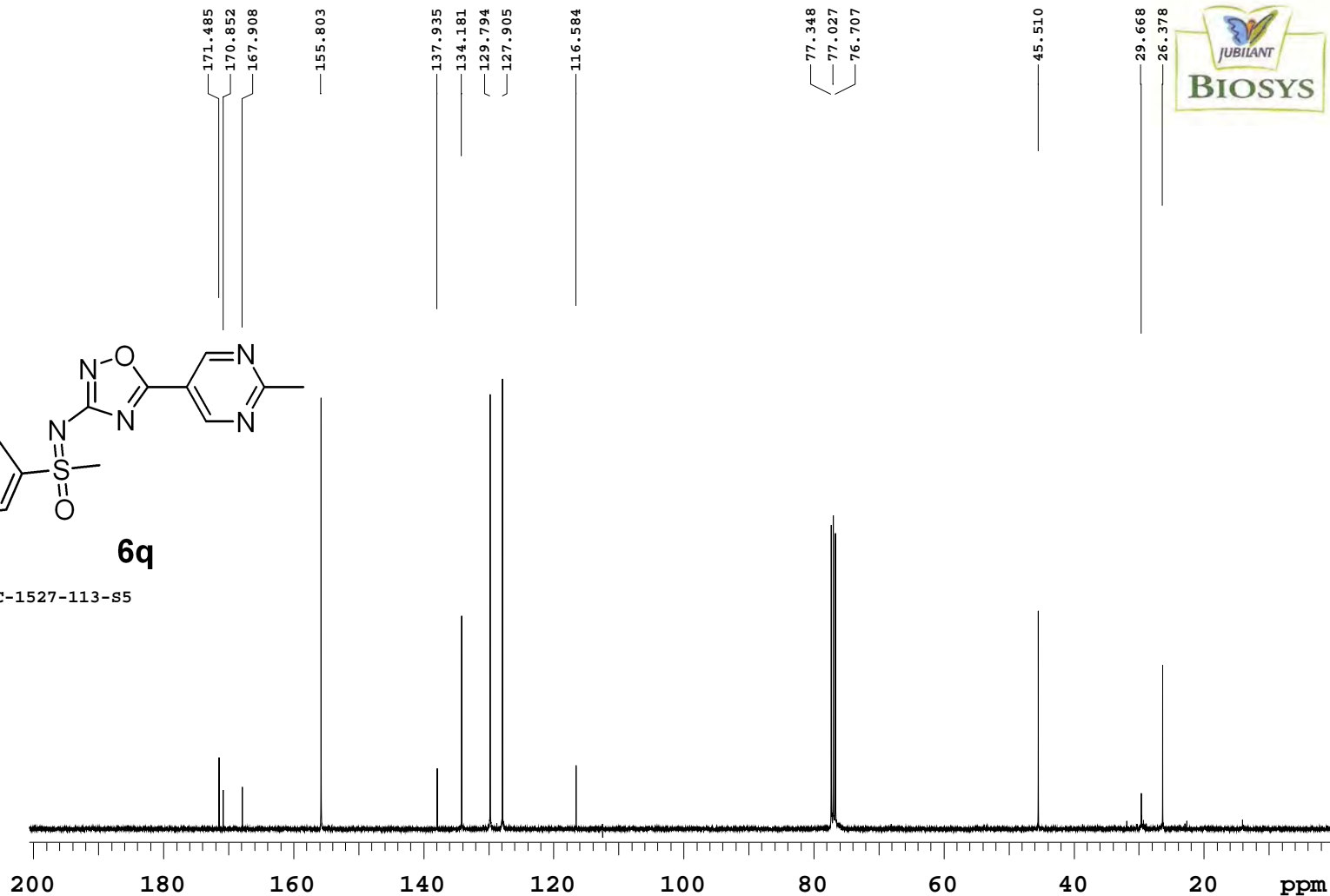


6q

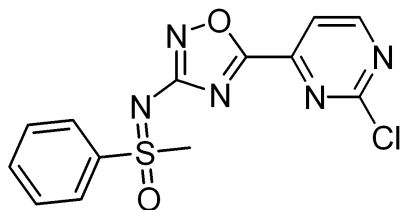
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-113-S5

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Oct 31 2018
TIME : 18:21:26

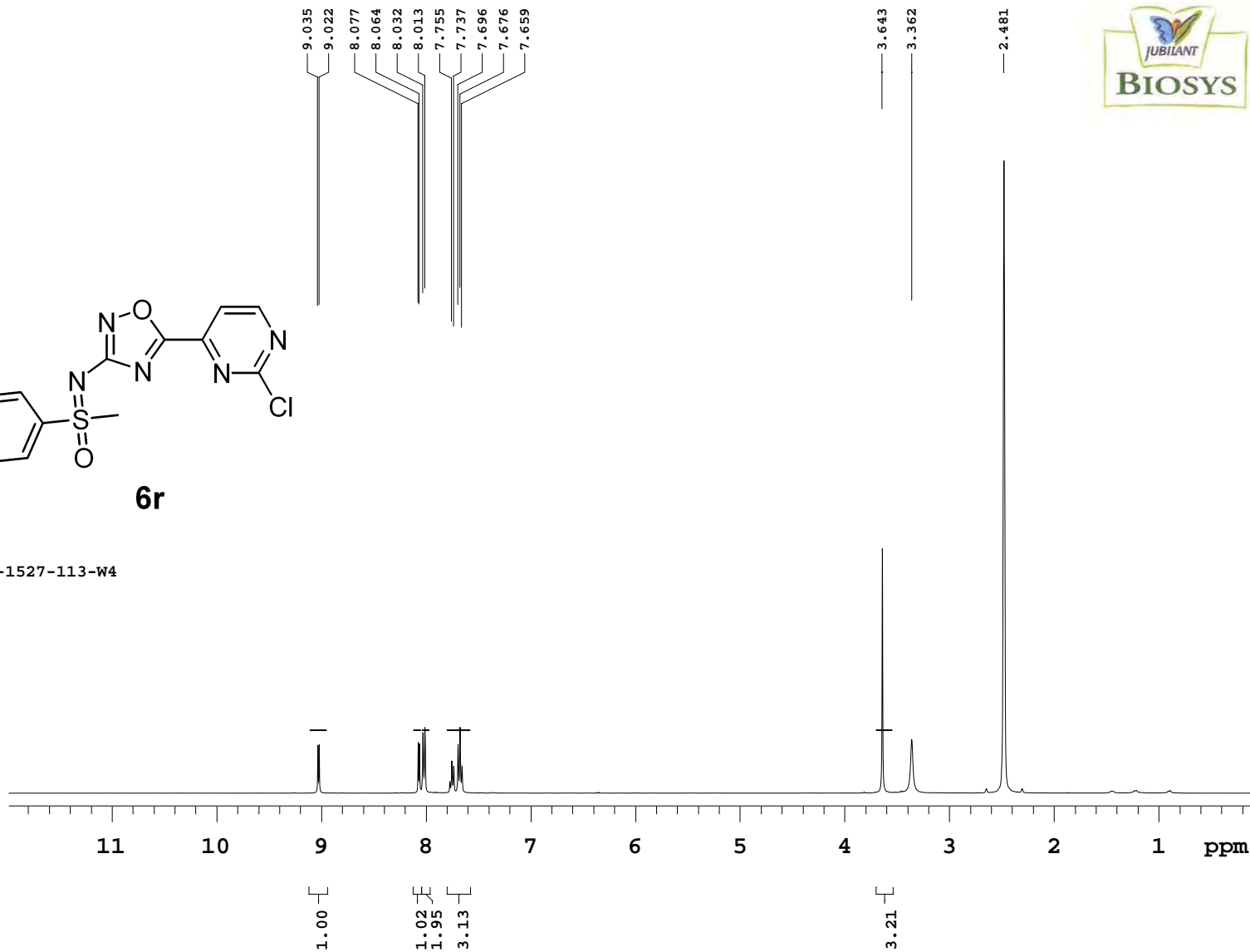


6r

NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-W4

PROBE: ATB

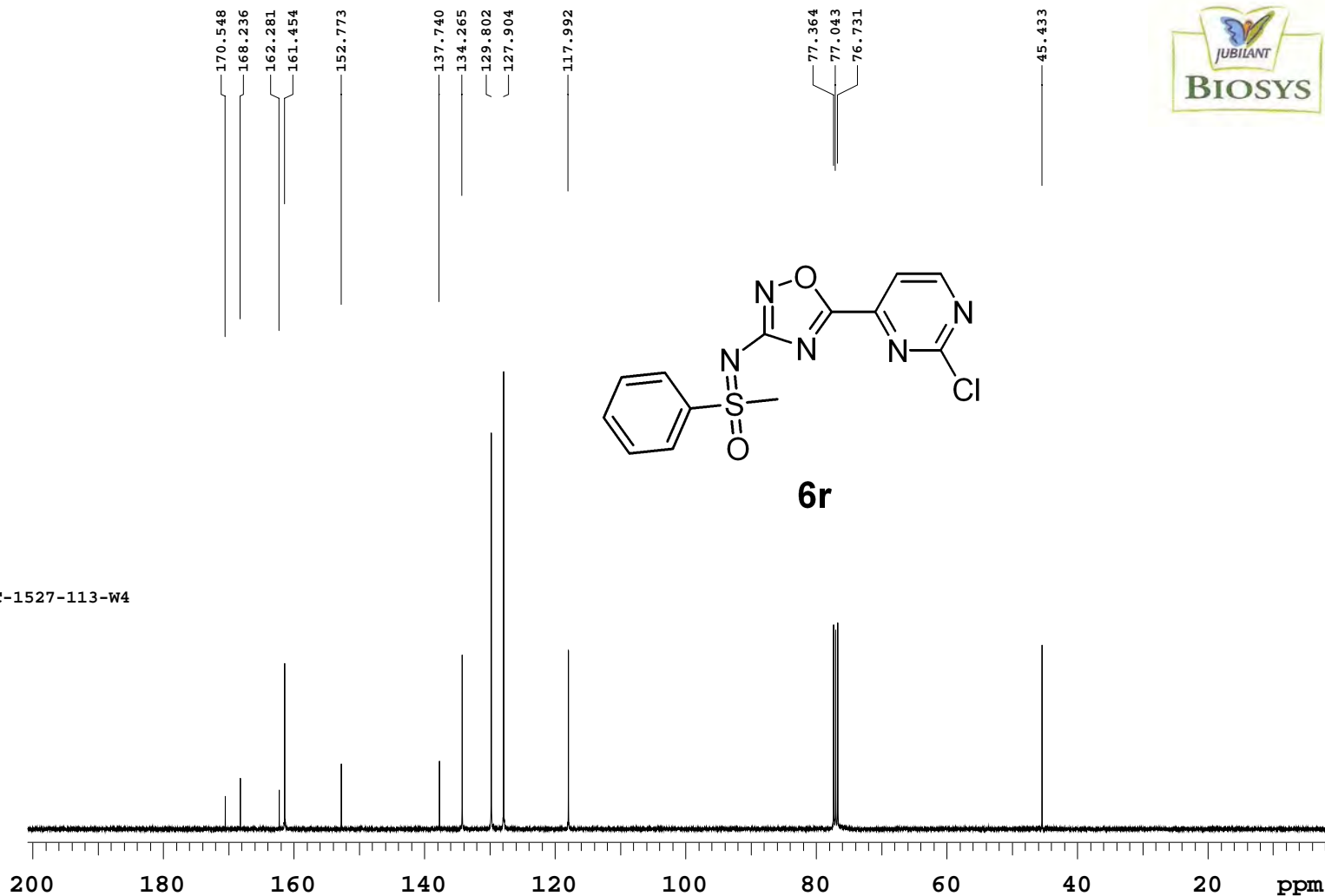


NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 1 2018
TIME : 07:28:30

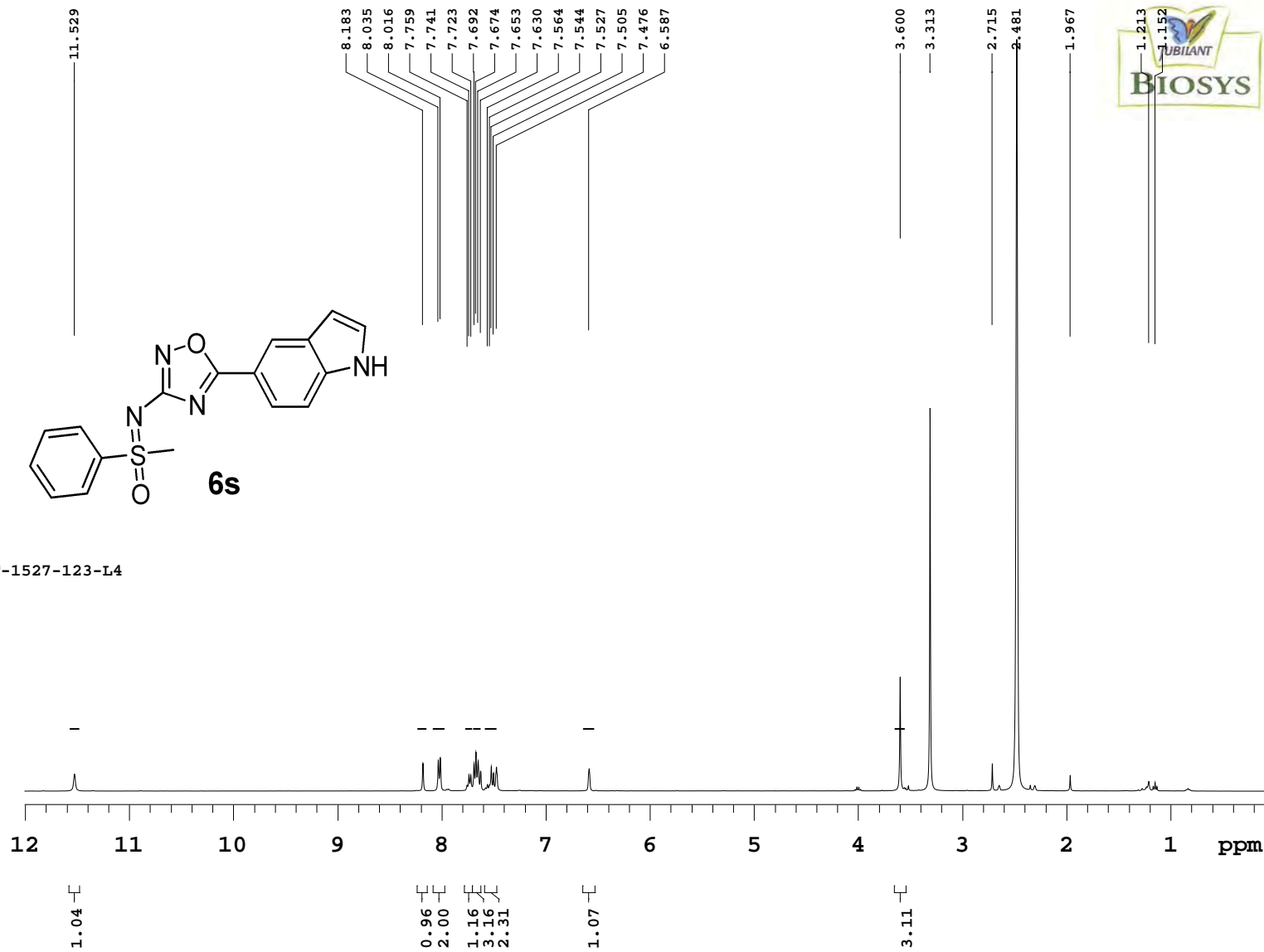
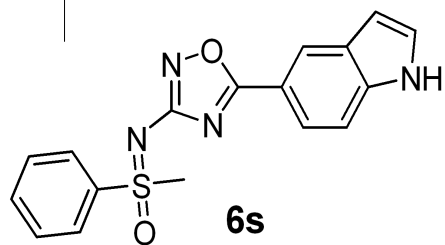
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-W4

PROBE: ATB



NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 26 2018
 TIME : 14:49:16

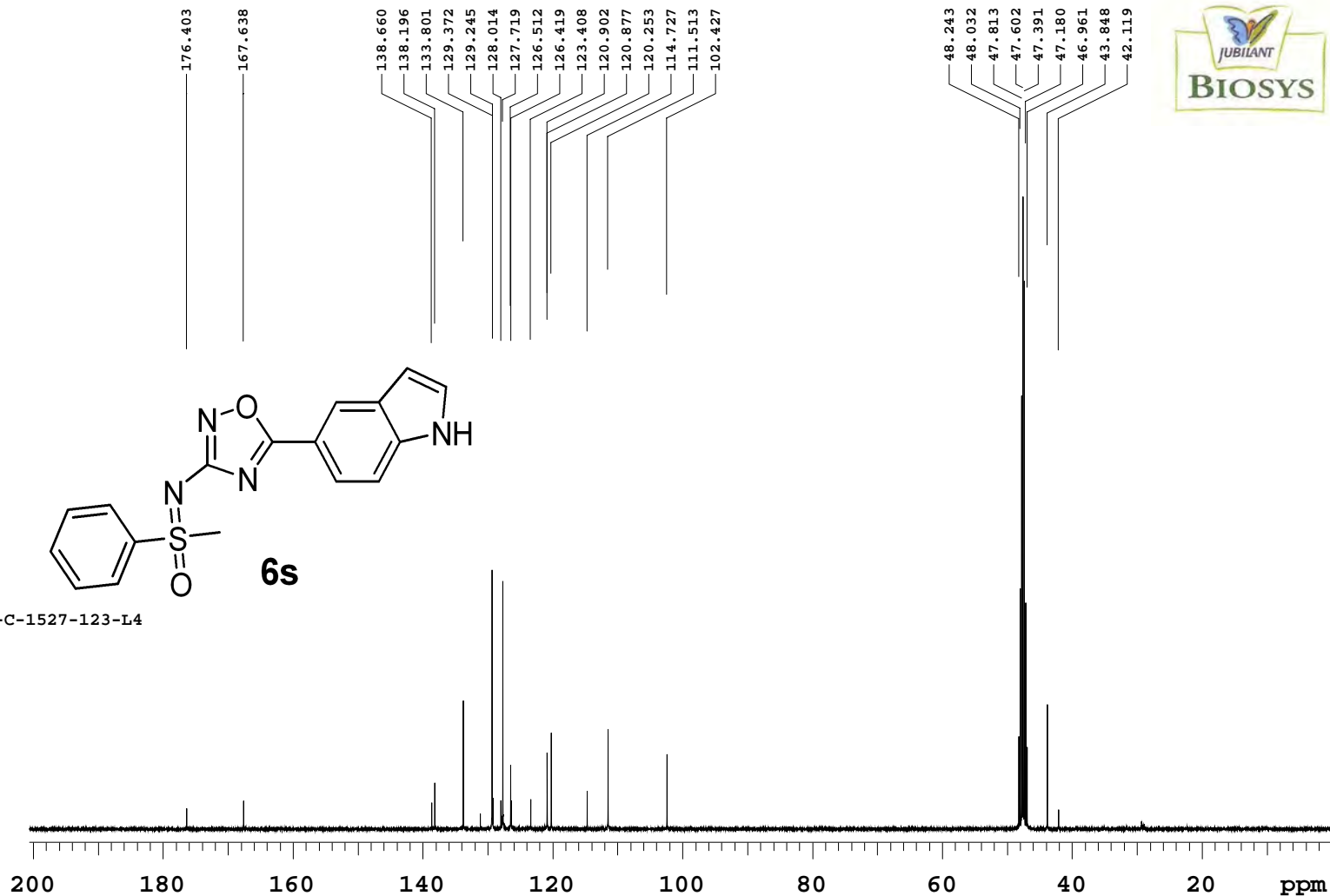
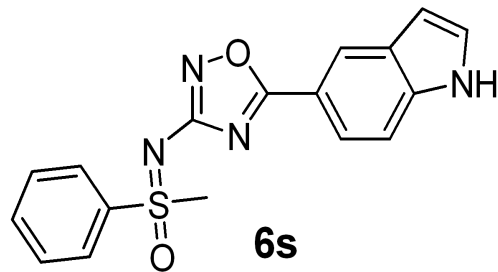


NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-123-L4

PROBE: ATB

NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.40
 NT : 5000
 Solvent : cd3od
 NP : 5000
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 30 2018
 TIME : 18:37:14

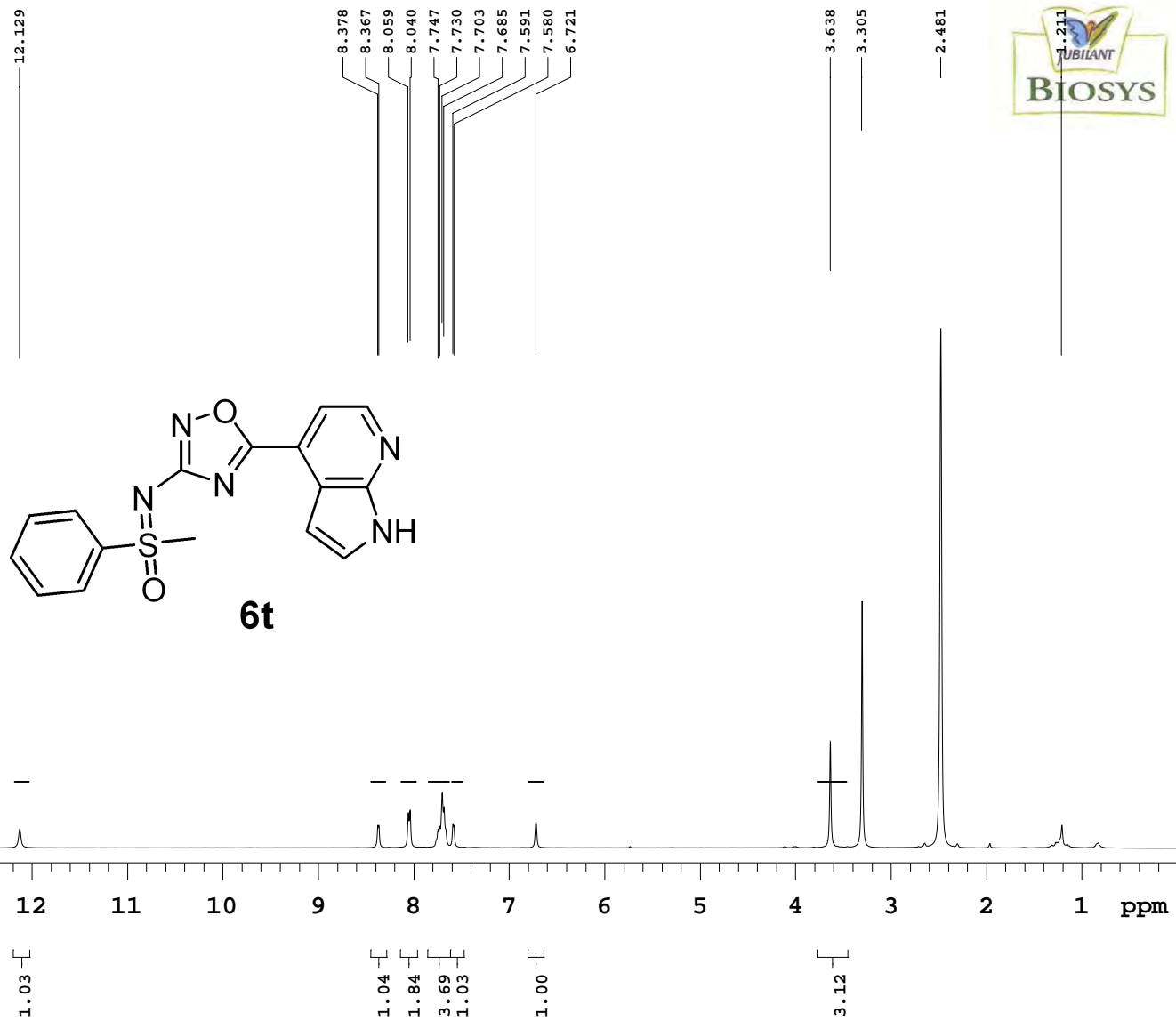


NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-123-L4

PROBE: ATB

NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 20 2018
 TIME : 13:47:53



NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-J4

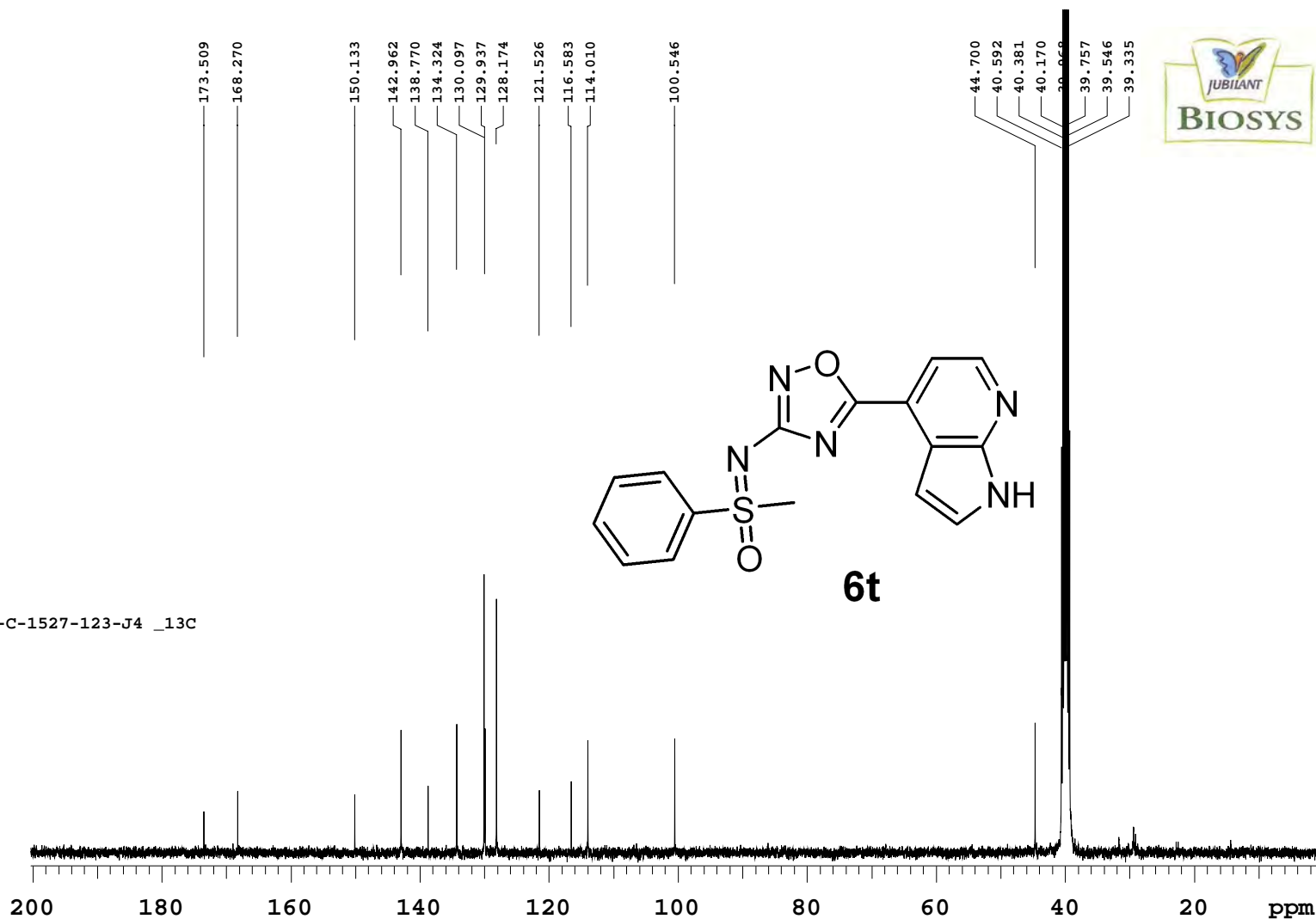
PROBE: ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 10000
Solvent : dmsc
NP : 10000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 22 2018
TIME : 21:14:04

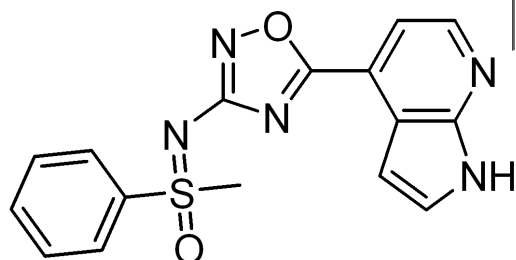
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-J4 _13C

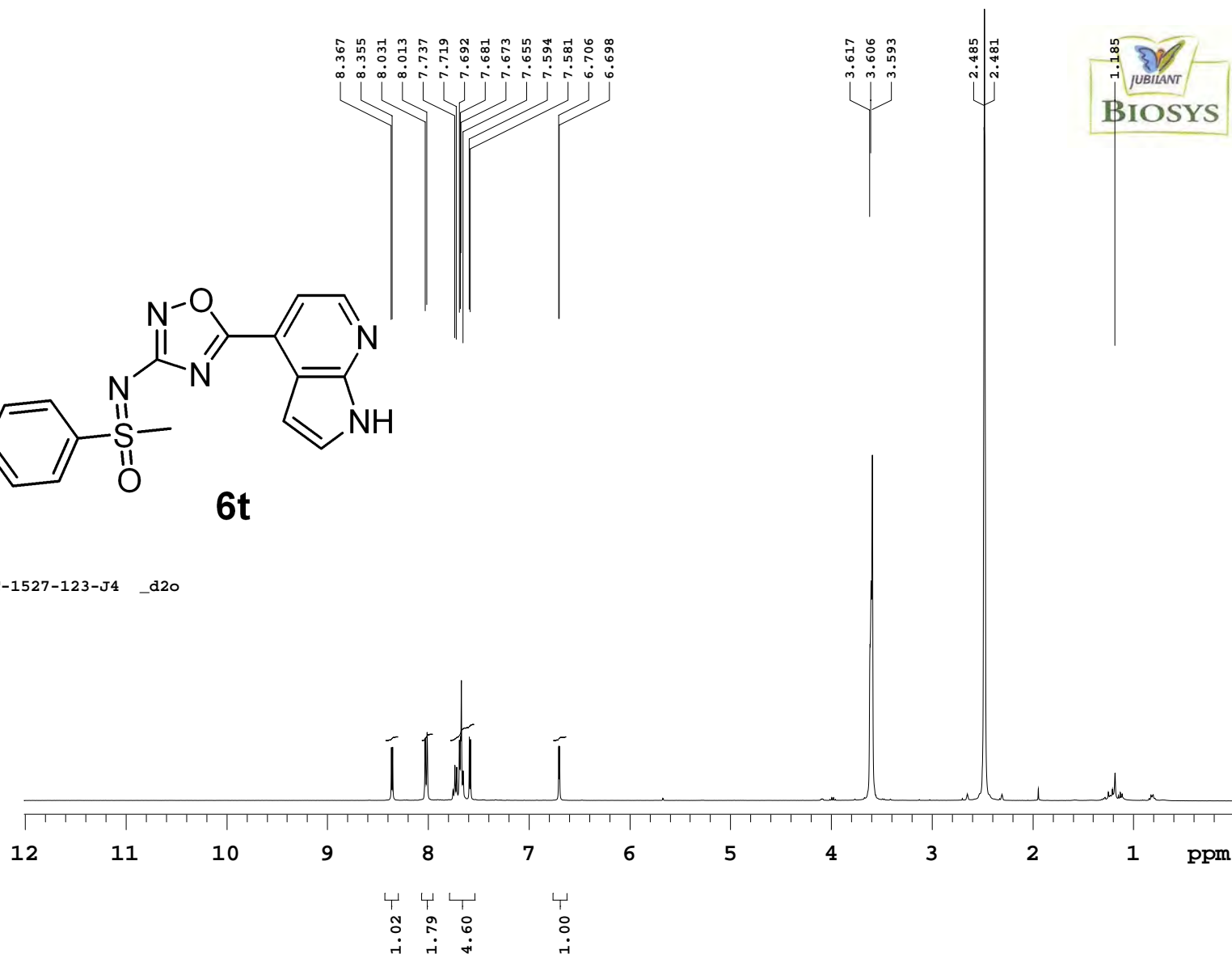
PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 20 2018
TIME : 18:54:06



6t

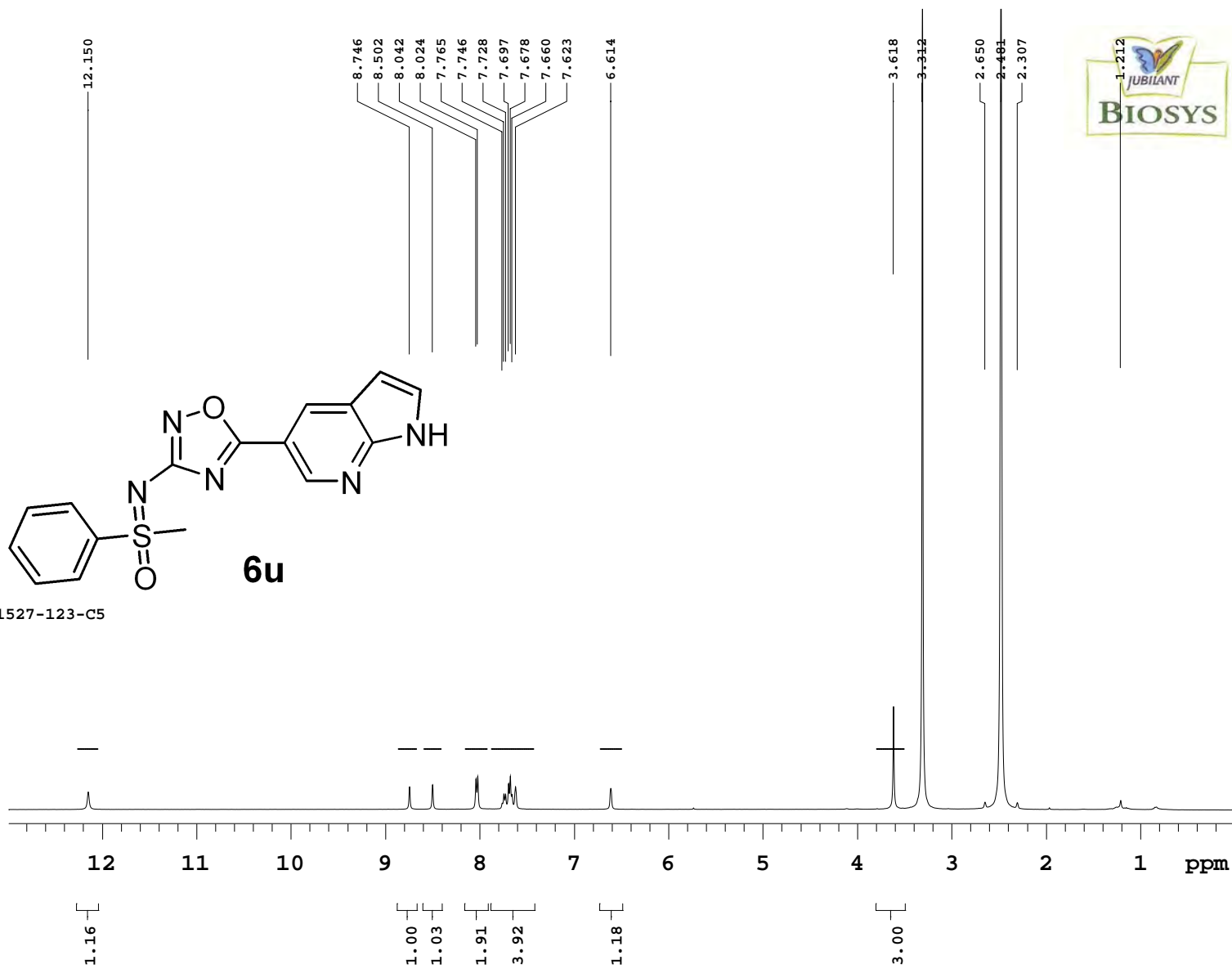


NMR REPORTS

PROJECT NAME : JBPHD1-JBL-C-1527-123-J4 _d2o

PROBE: ATB

NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 7 2018
TIME : 18:05:31

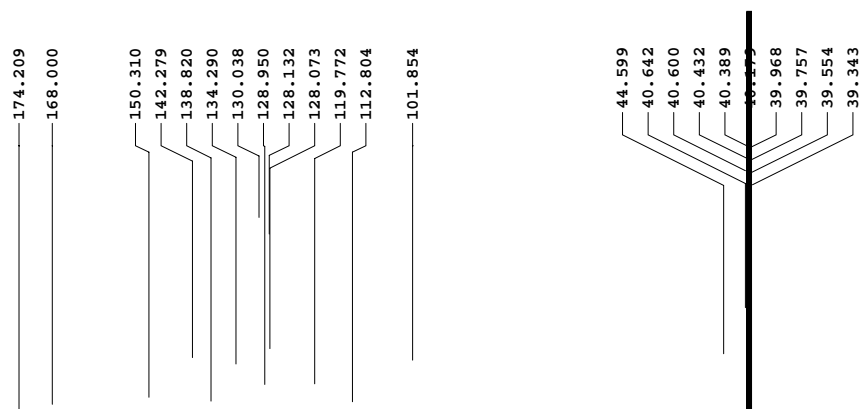
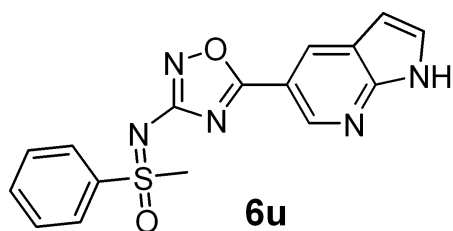


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-C5

PROBE: ATB

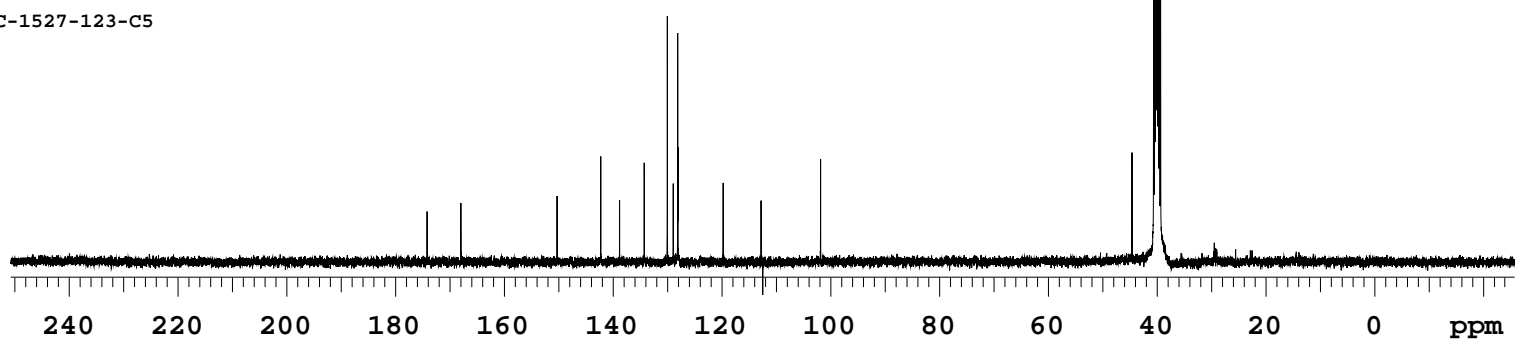
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 10000
Solvent : dmsc
NP : 10000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 9 2018
TIME : 22:09:14



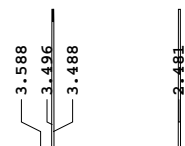
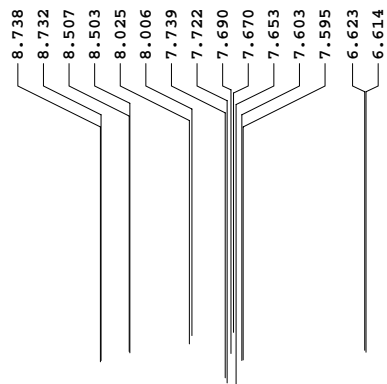
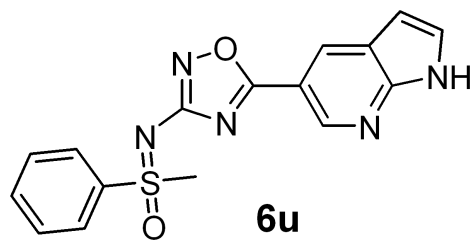
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-123-C5

PROBE: ATB



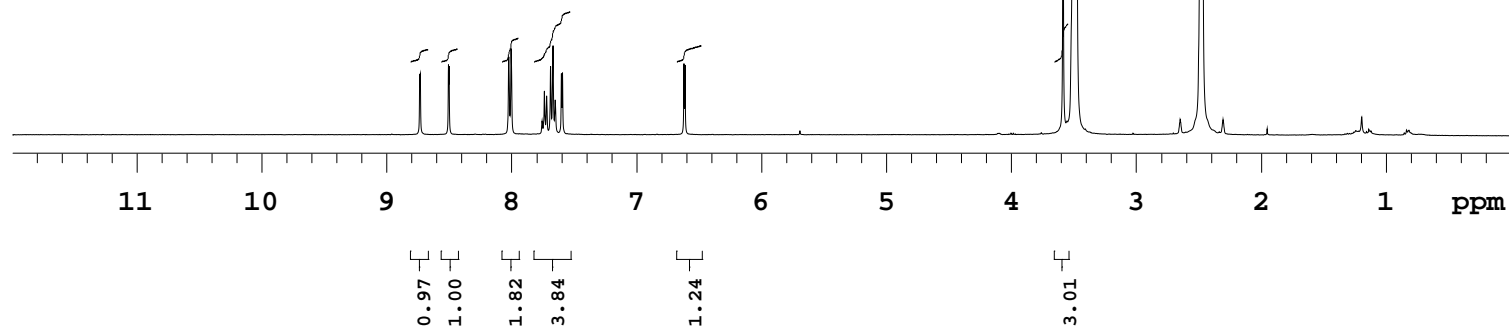
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 8 2018
TIME : 01:39:57



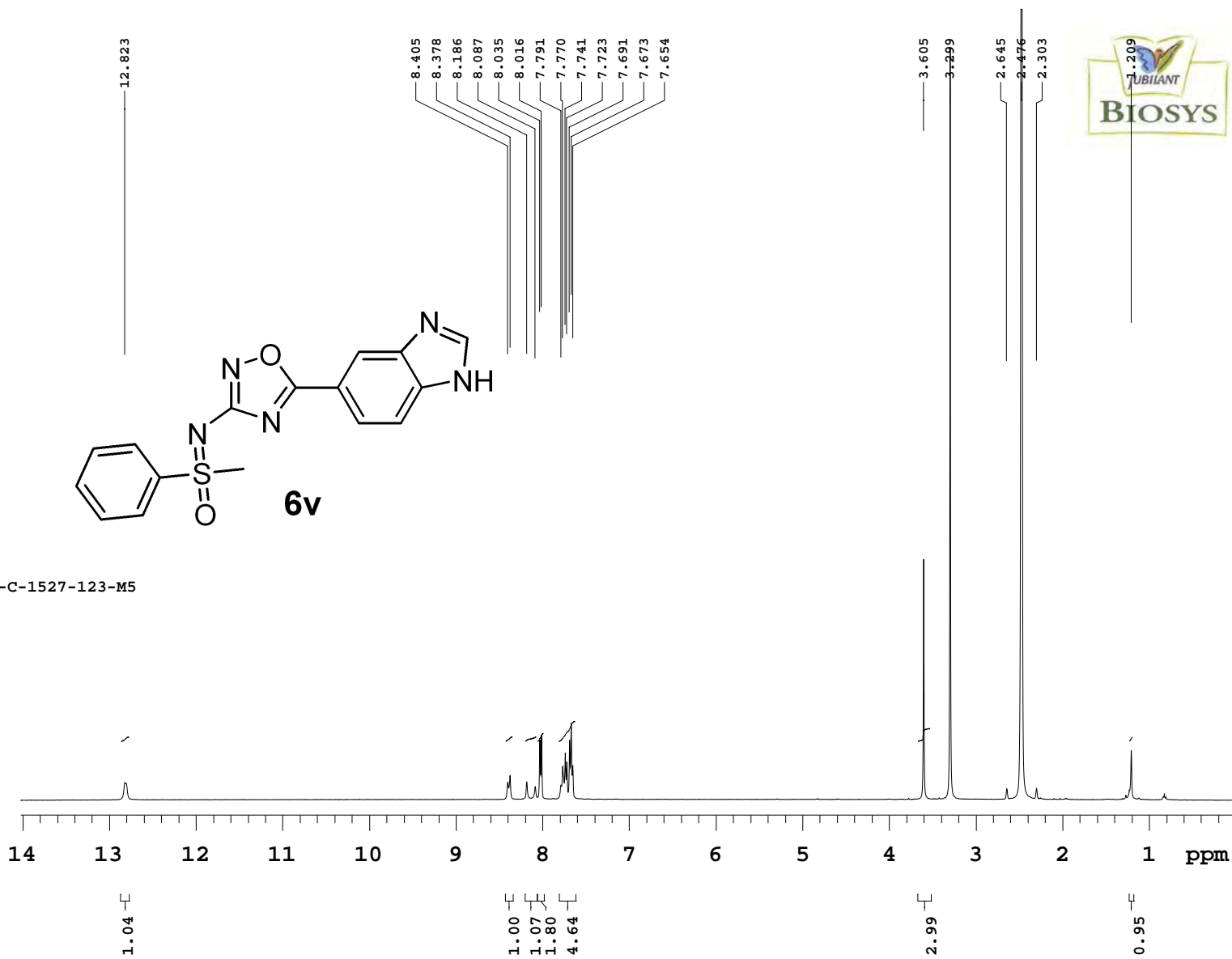
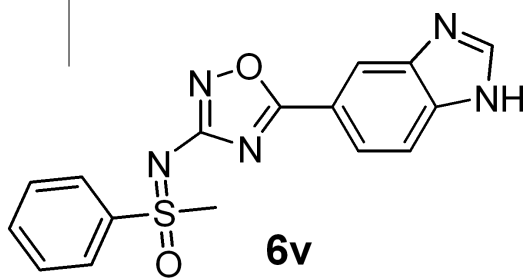
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-C5-d2o

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.60
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 373.15
EXP : s2pul
DATE : Sep 11 2019
TIME : 18:53:51

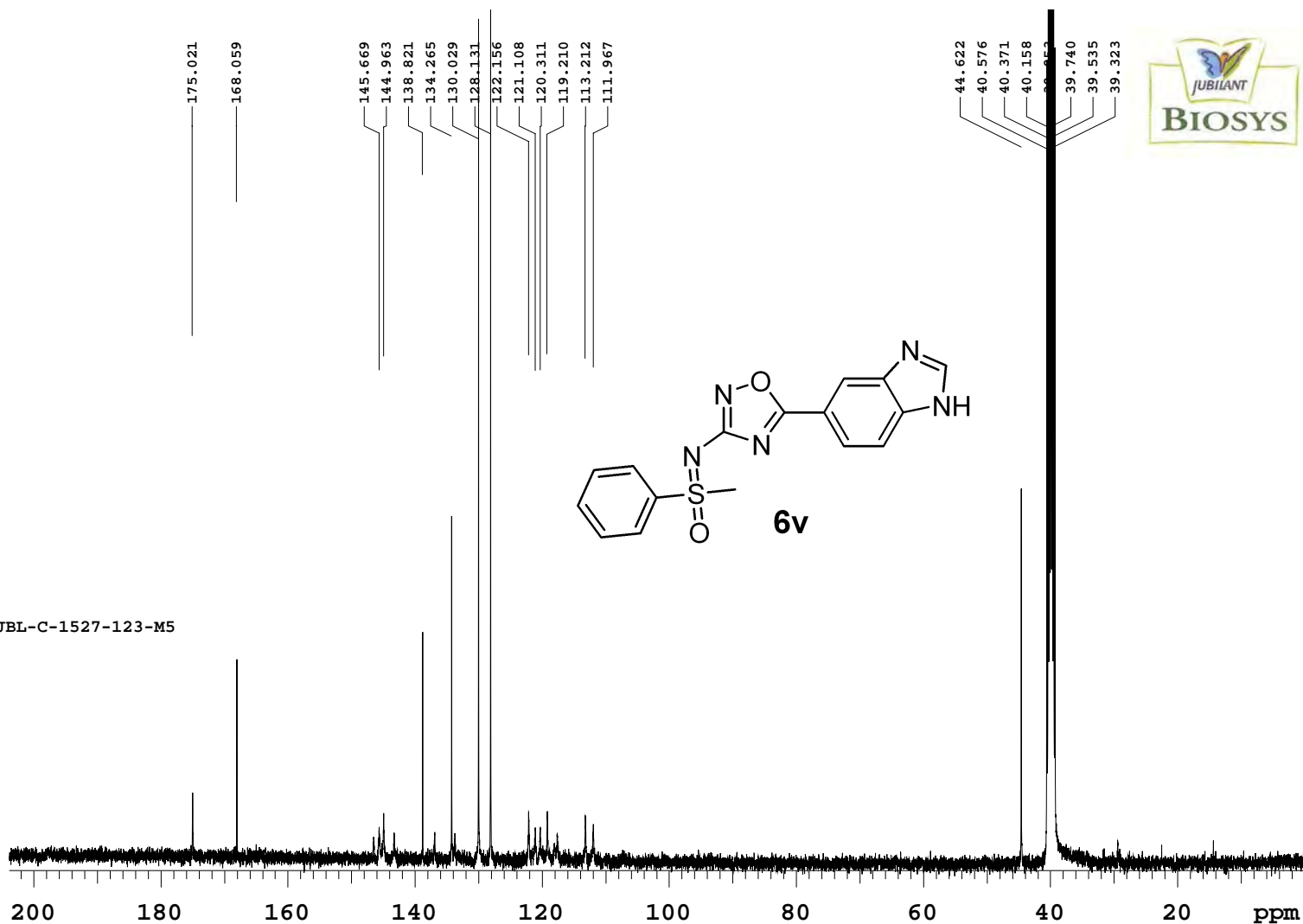


NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-123-M5

PROBE: ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.31
SW (ppm): 248.76
RD (sec): 1.00
PW (usec): 5.10
NT : 10000
Solvent : dmsc
NP : 10000
LB (Hz): 1.0
TEMP (K): 373.15
EXP : s2pul
DATE : Sep 15 2019
TIME : 21:55:23

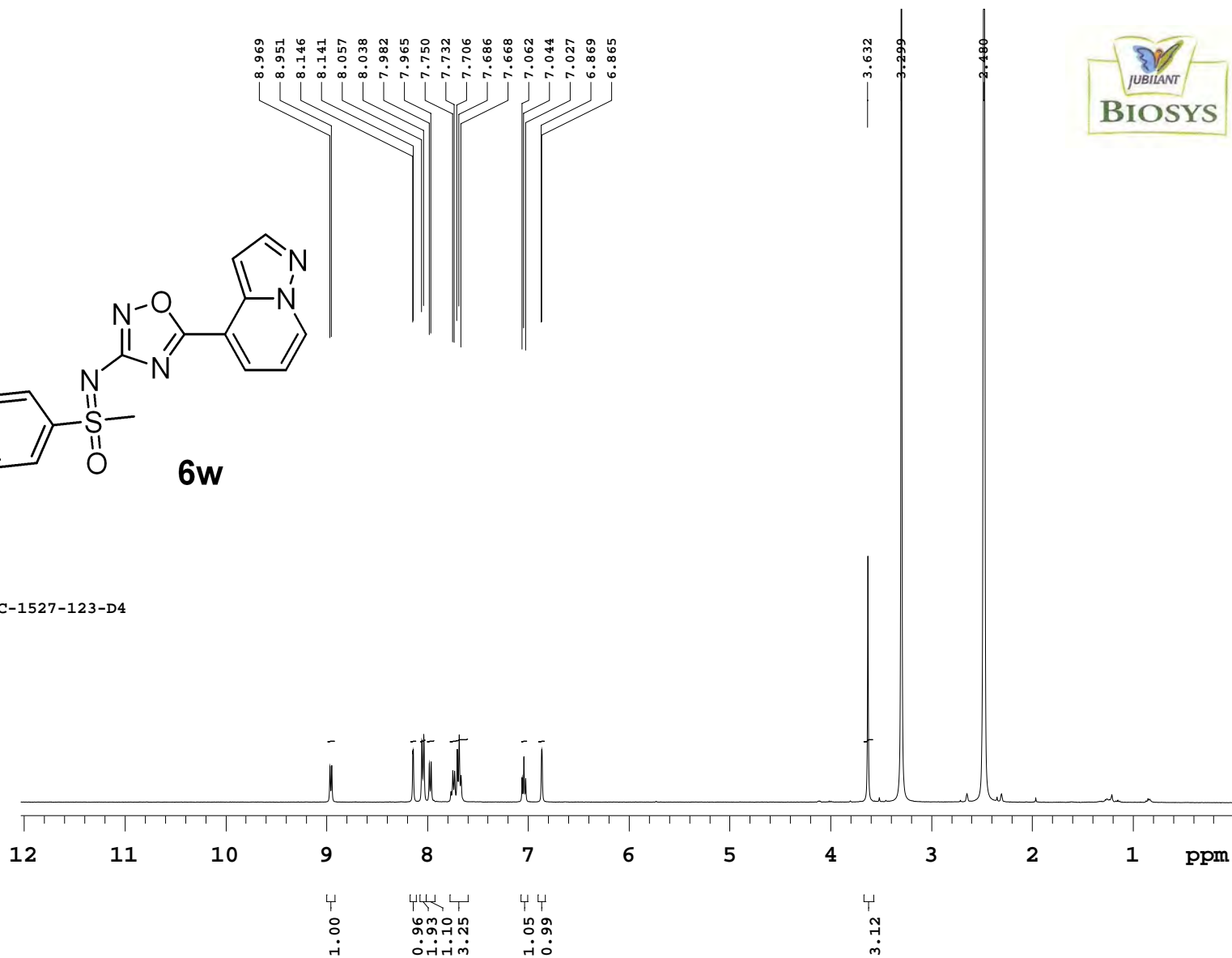
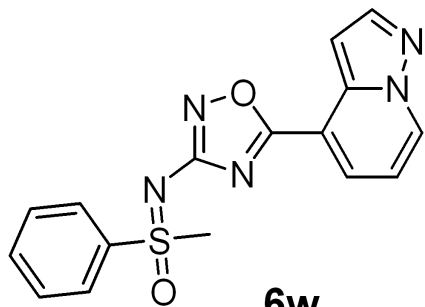


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-M5

PROBE: ATB

NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 11 2018
 TIME : 12:44:15

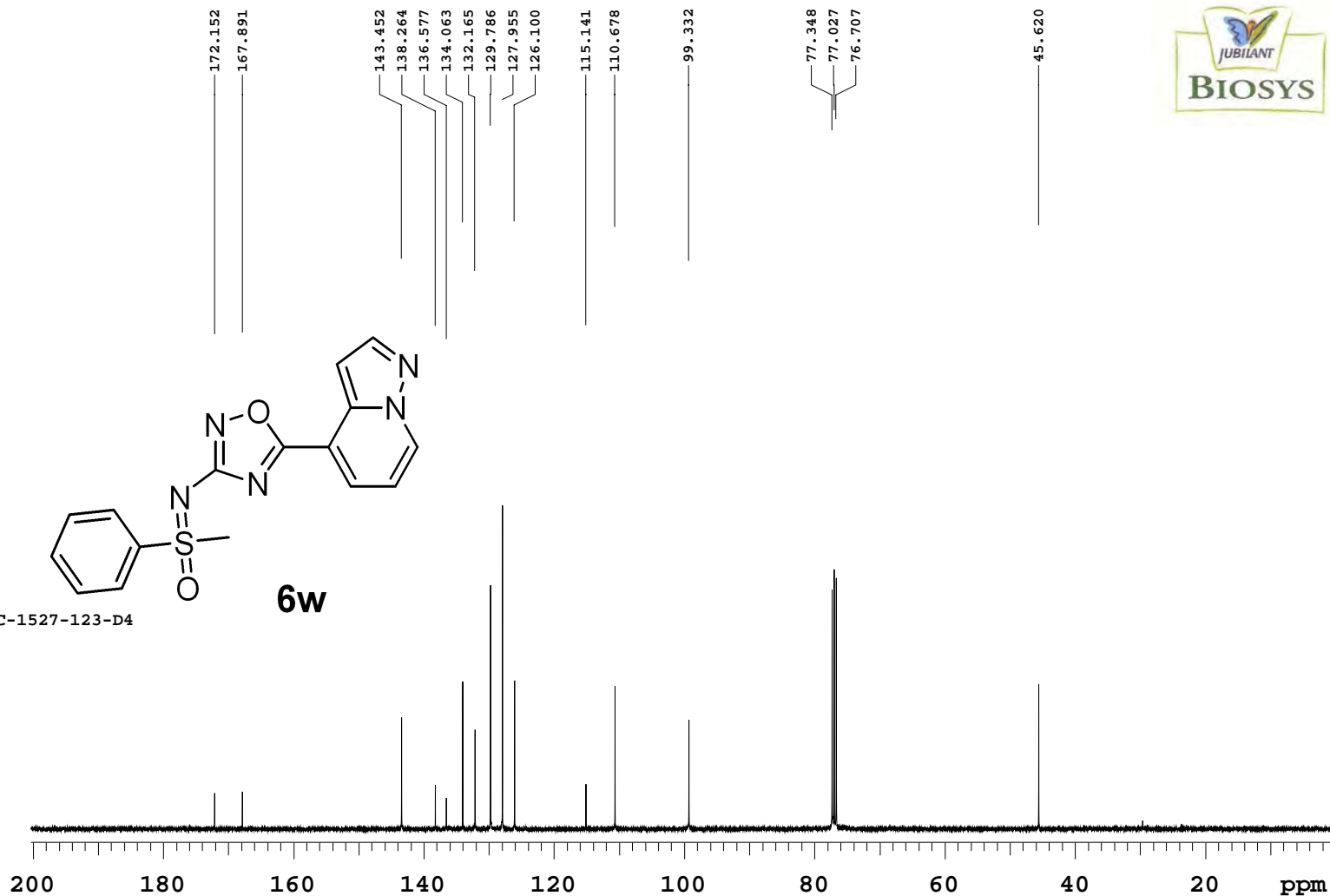
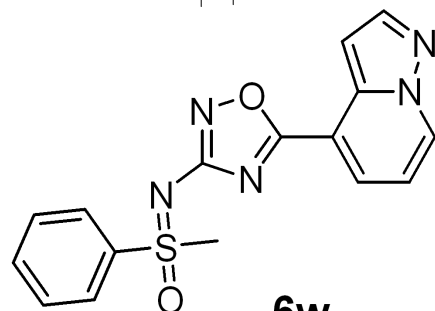


NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-123-D4

PROBE: ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 18 2018
TIME : 06:43:14



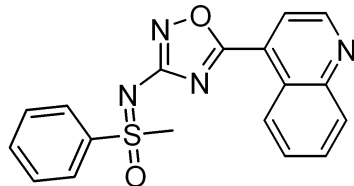
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-D4

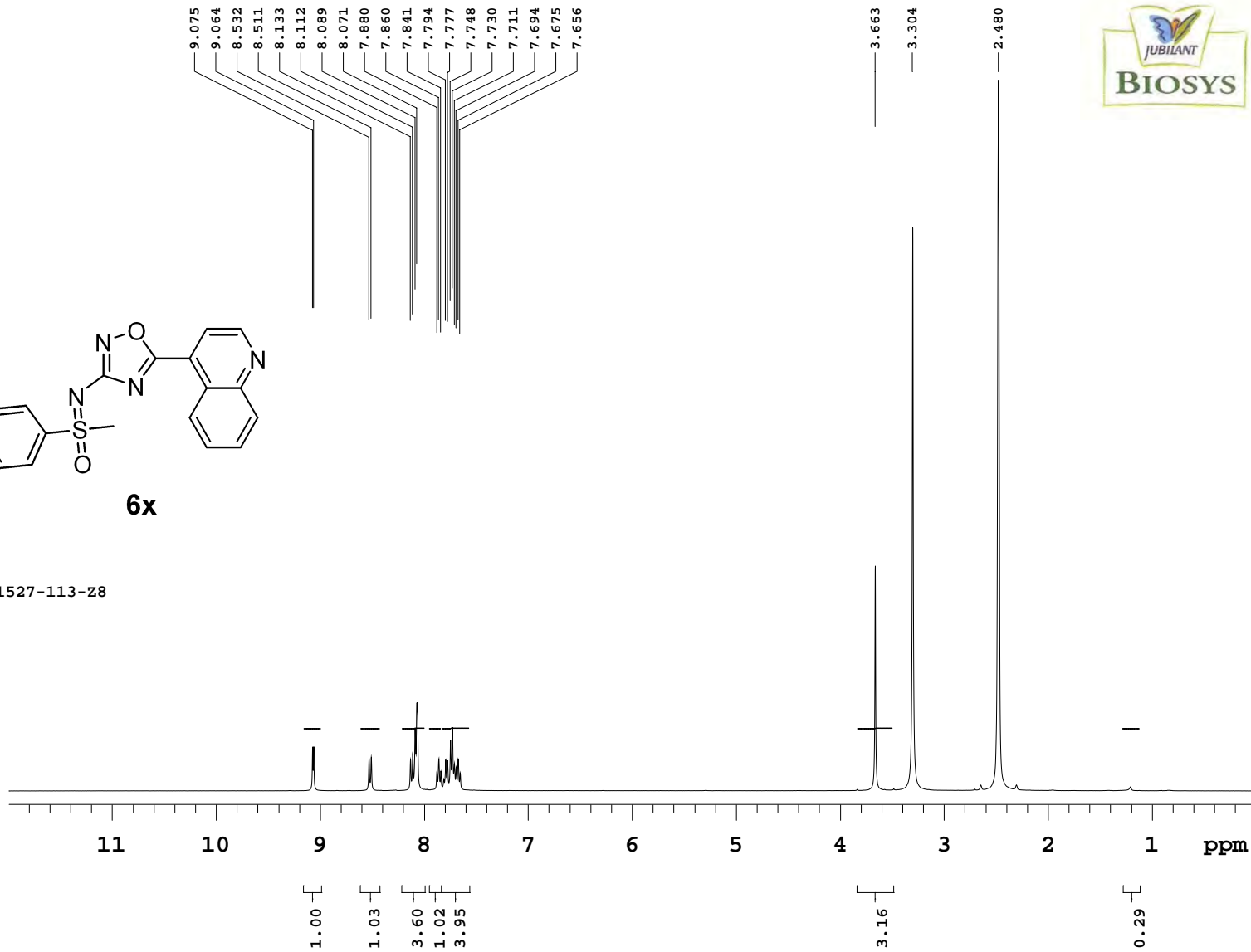
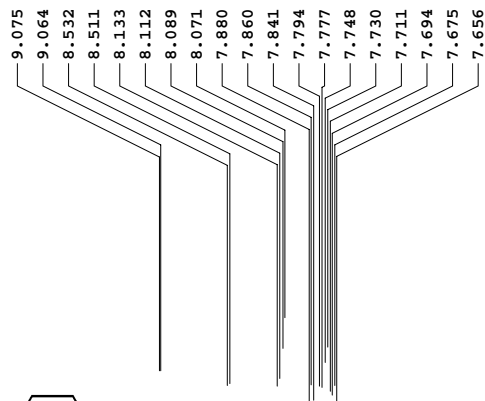
PROBE: ATB



NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Oct 30 2018
 TIME : 19:24:17



6x

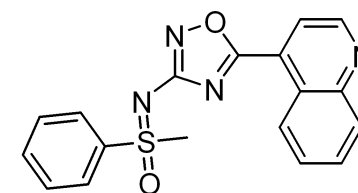
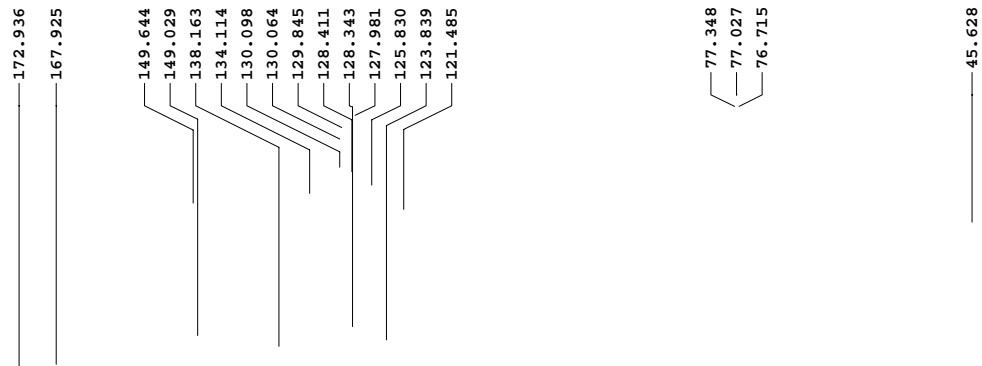


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-Z8

PROBE: ATB

NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.40
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 1 2018
 TIME : 03:52:55

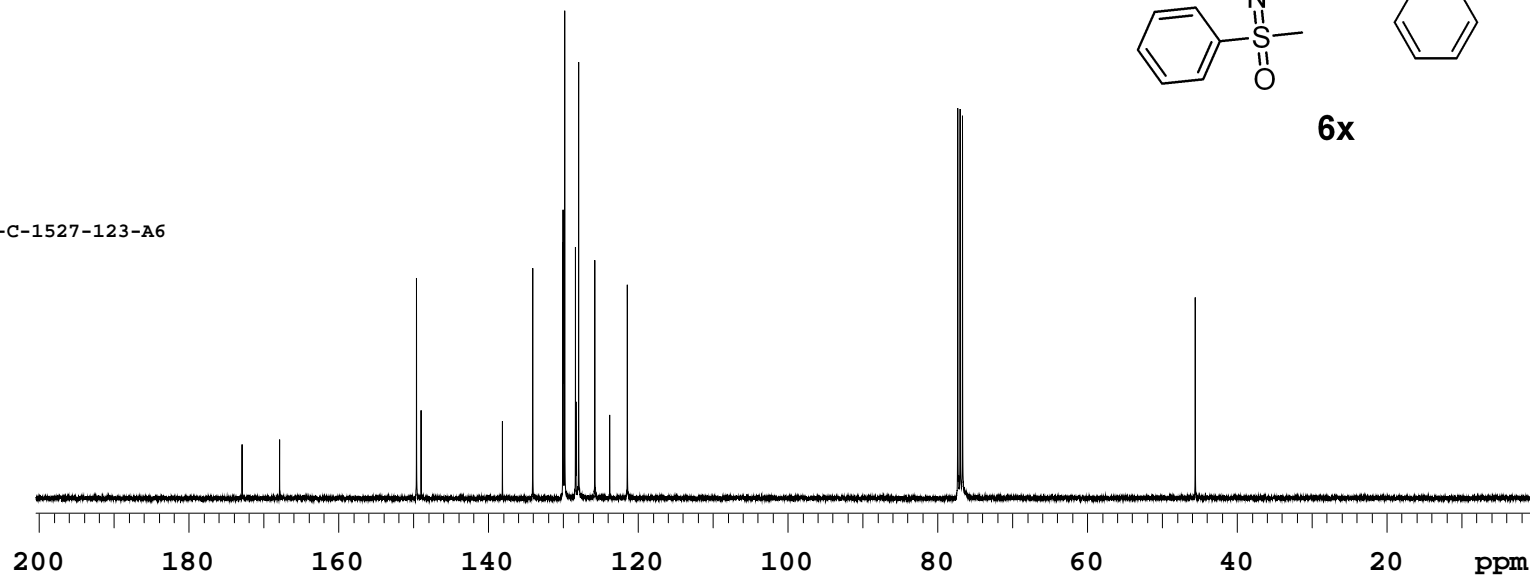


6x

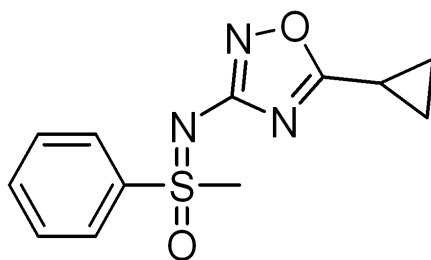
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-A6

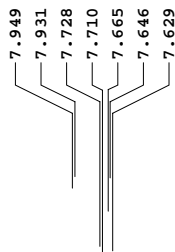
PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 12 2018
TIME : 16:22:10



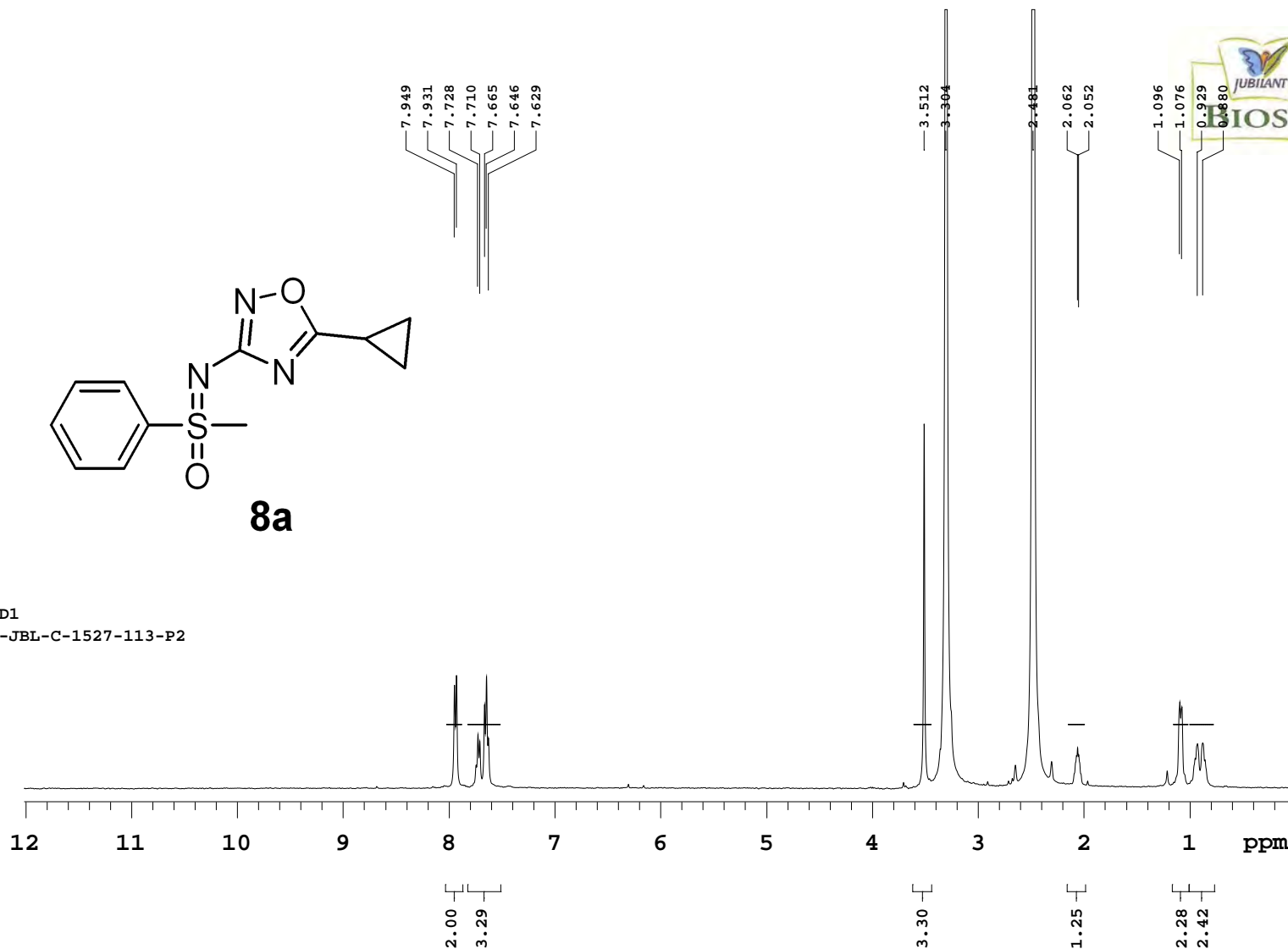
8a



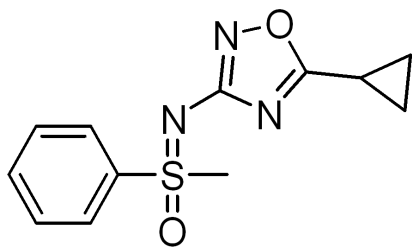
NMR REPORT

Project Code : JBPHD1
Sample Name : JBPHD1-JBL-C-1527-113-P2

Probe Name: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 0.5
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 13 2018
TIME : 13:52:18

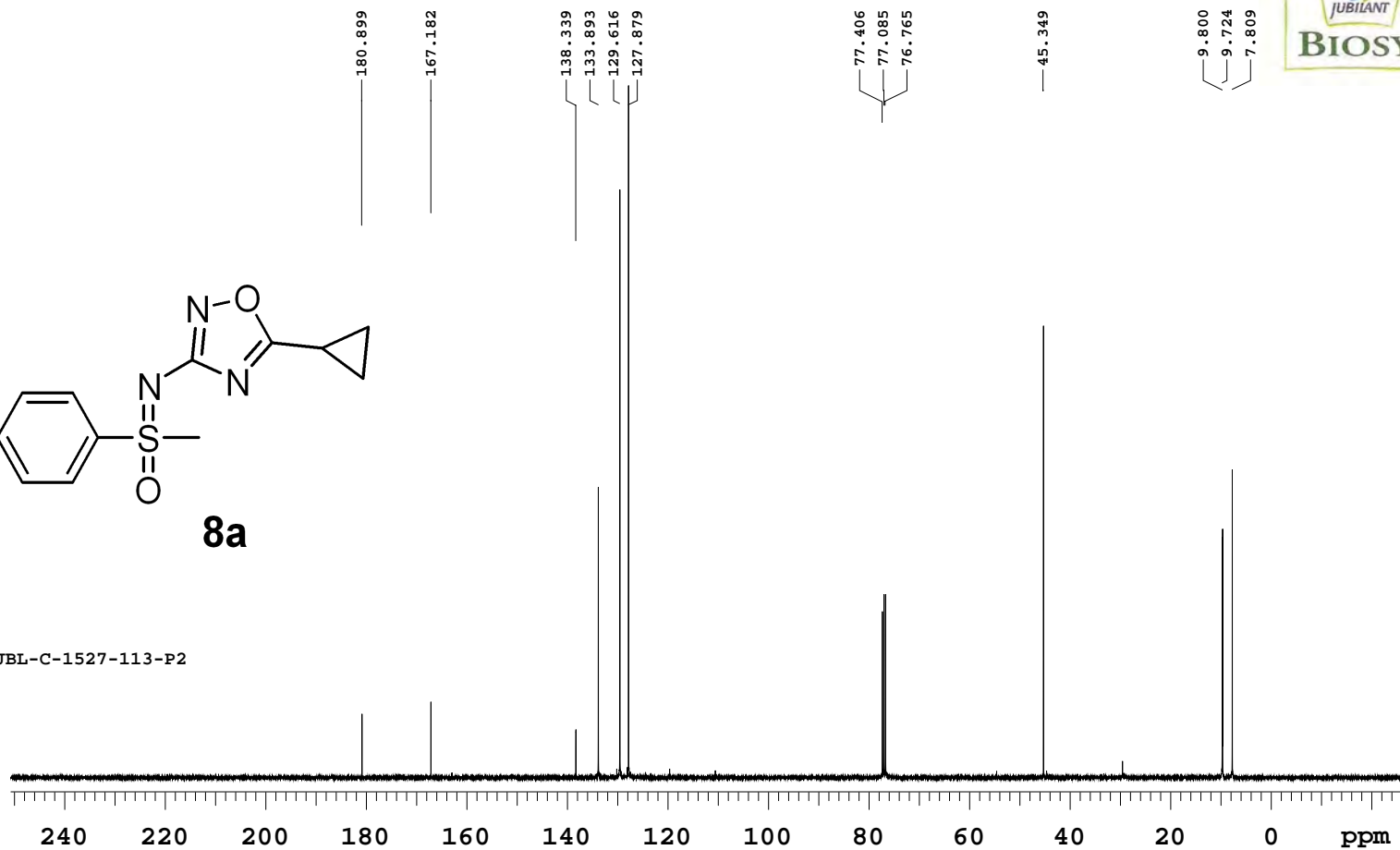


8a

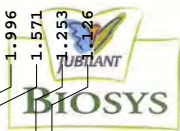
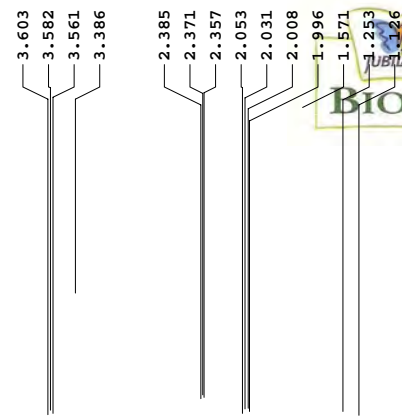
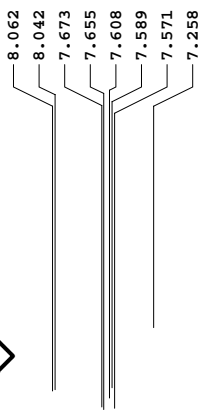
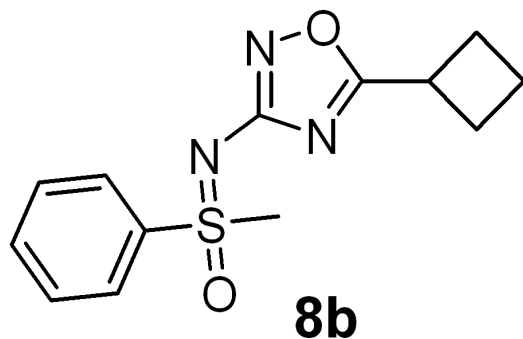
NMR REPORT

Project Code : JBPHD1
Sample Name : JBPHD1-JBL-C-1527-113-P2

Probe Name: ATB



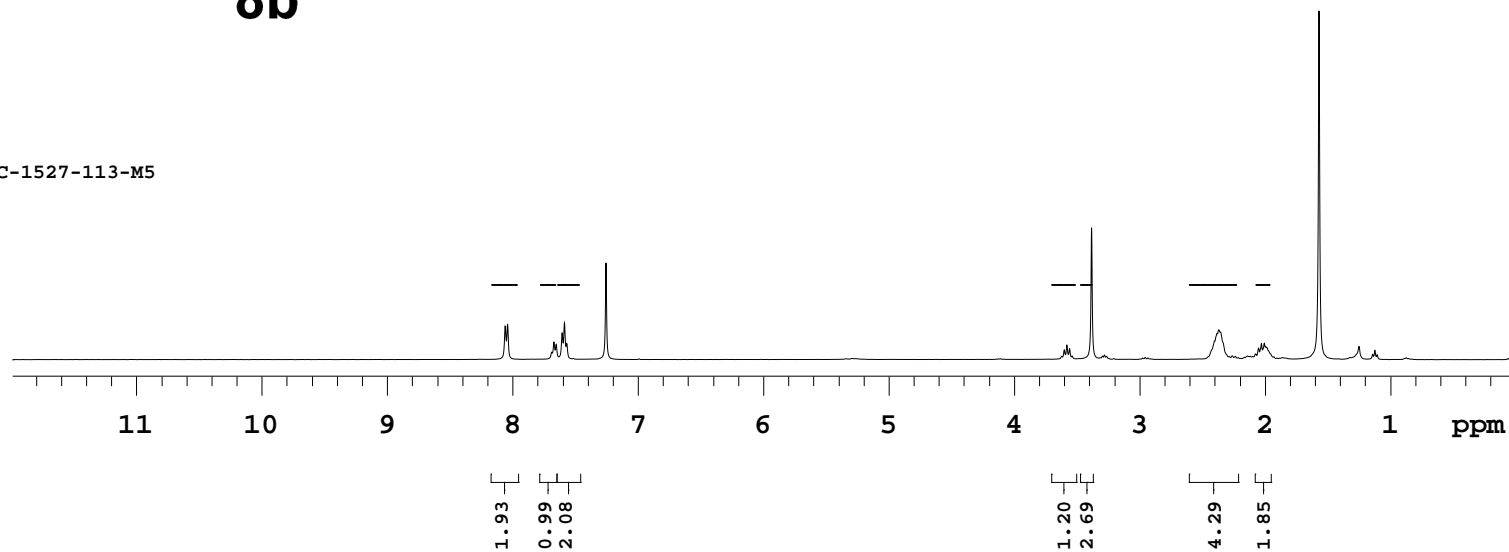
NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Sep 17 2018
 TIME : 13:53:23



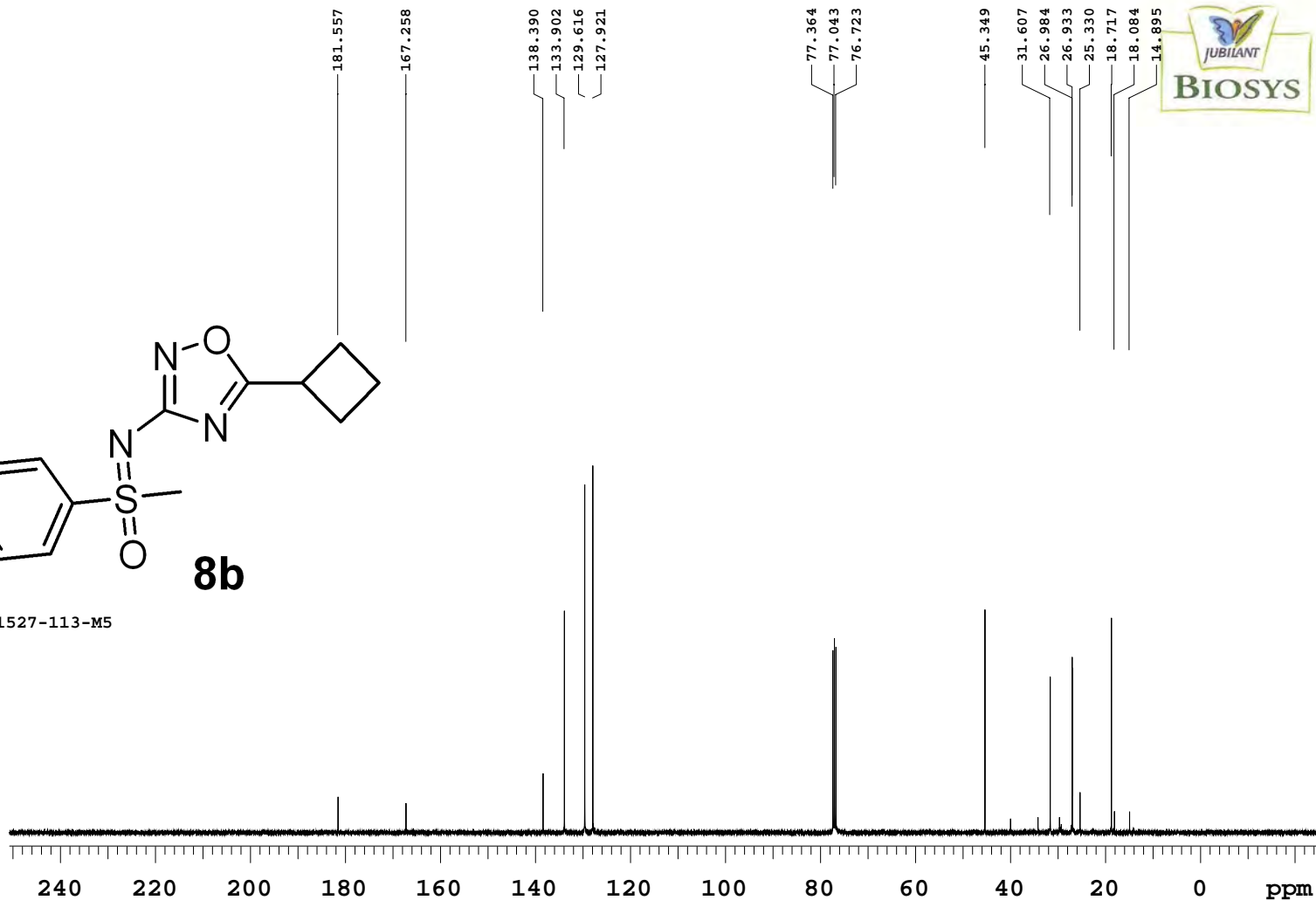
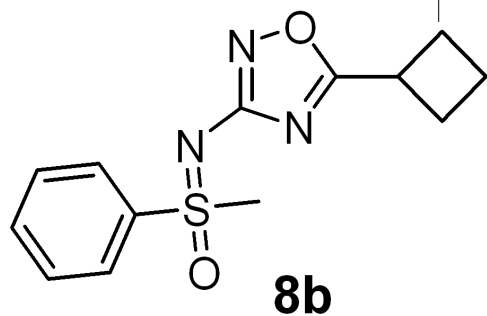
NMR REPORT

Project Code : JBPHD1
 Sample Name : JBPHD1-JBL-C-1527-113-M5

Probe Name: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 20 2018
TIME : 02:59:14

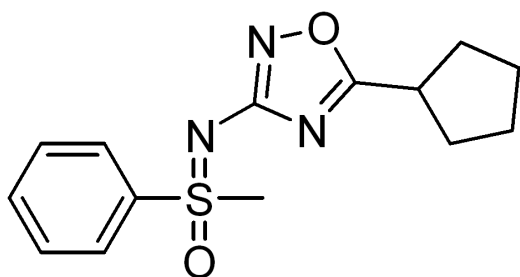


NMR REPORTS:

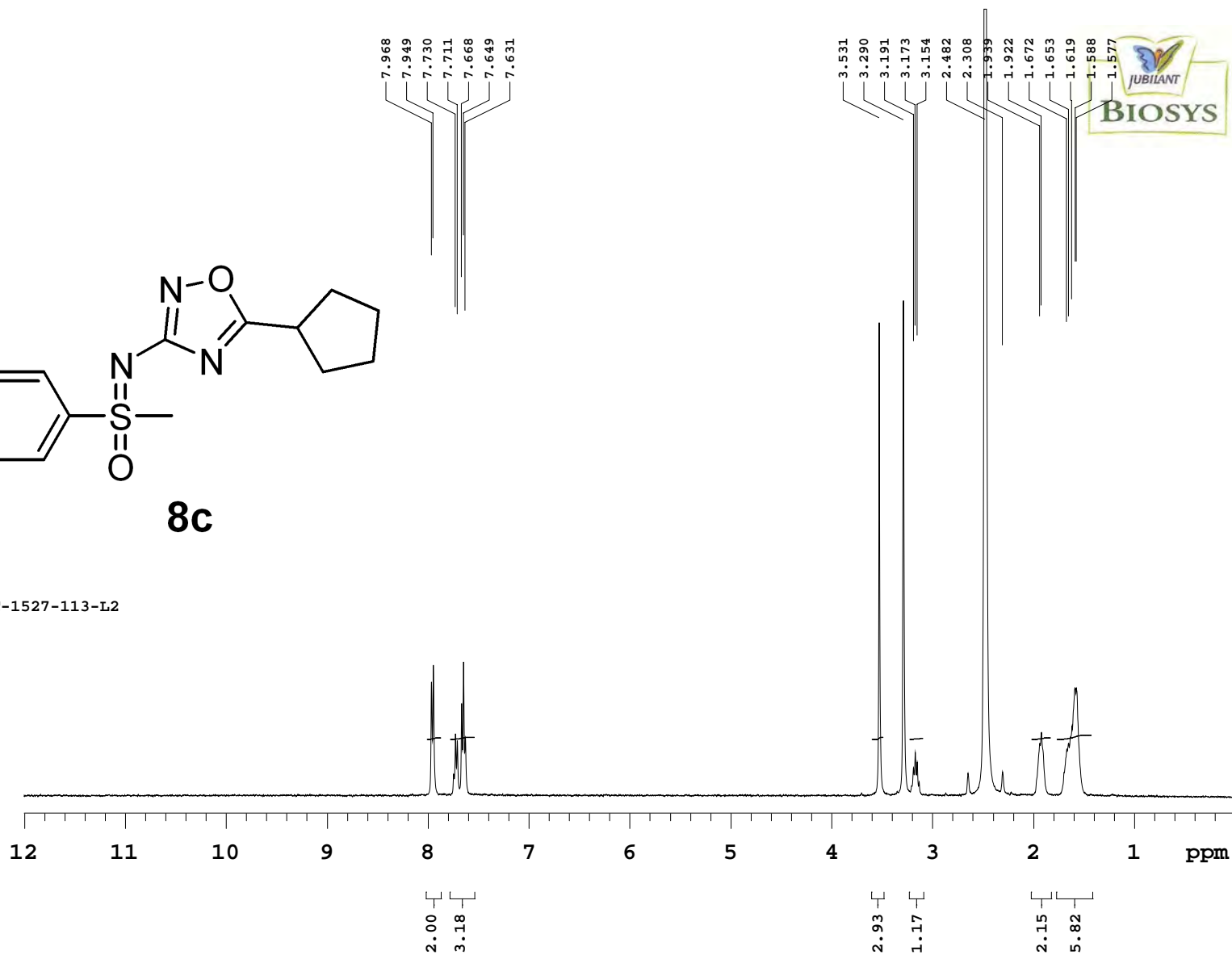
PROJECT NAME : JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-M5

PROBE: ATB

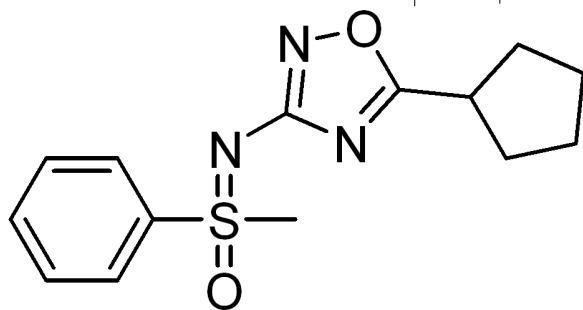
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 10 2018
TIME : 06:16:46



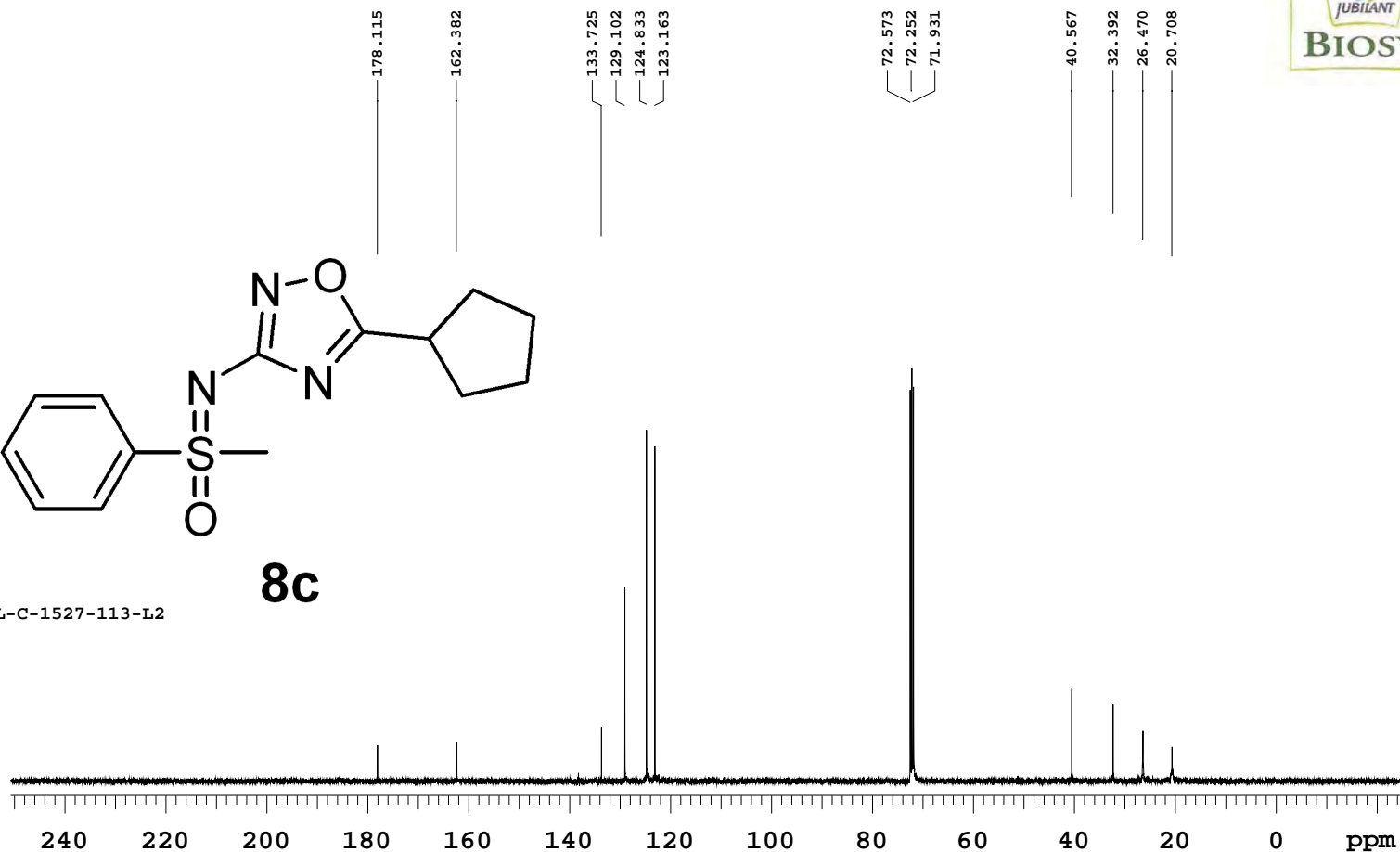
8c



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : dmsc
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Aug 12 2018
TIME : 05:13:23



8c



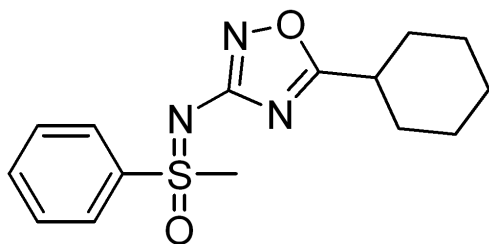
NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-L2

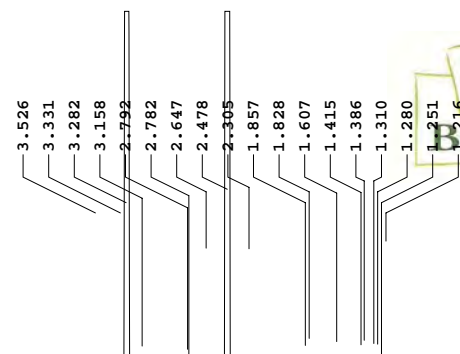
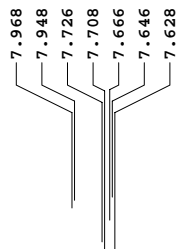
Probe:ATB



NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.55
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Aug 4 2018
 TIME : 04:17:27



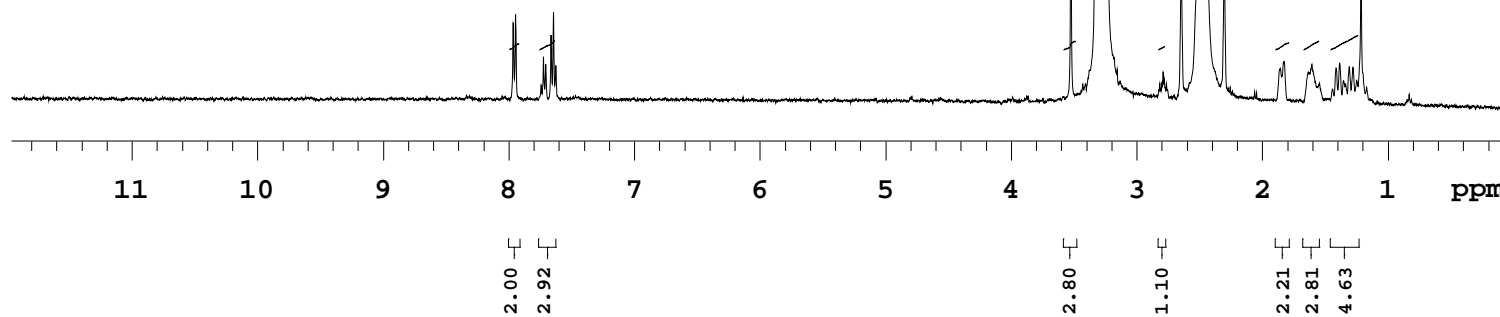
8d



NMR REPORT

PROJECT CODE: JBPHD1
 SAMPLE NAME : JBPHD1-JBL-C-1527-113-F2

Probe:ATB



NUCLEUS : C13
FRQ (MHz) : 100.50
AT (sec) : 1.18
SW (ppm) : 276.40
RD (sec) : 1.00
PW (usec) : 5.40
Scans : 5000
Solvent : cdcl3
Data Points : 65536
LB (Hz) : 1.00
TEMP (K) : 303.15
EXP : s2pul
DATE : Aug 6 2018
System : VNMRS_400

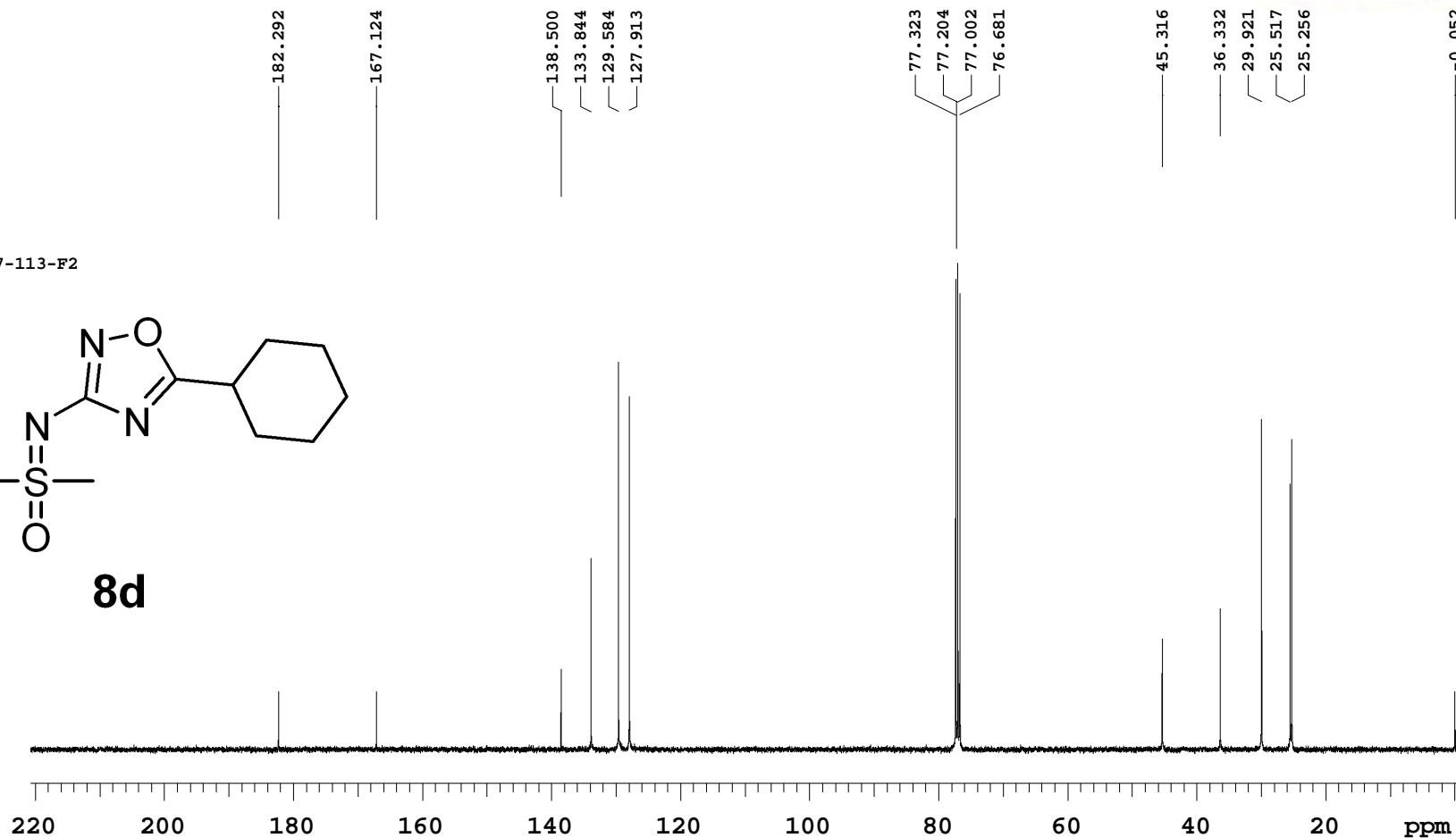
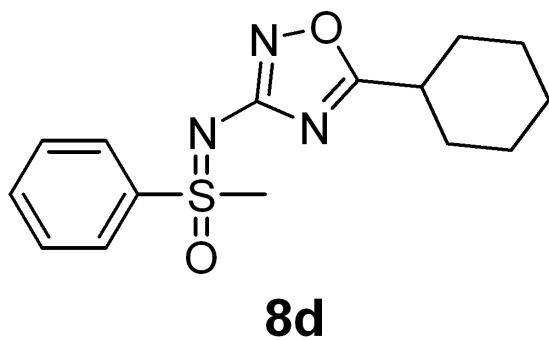


NMR REPORT

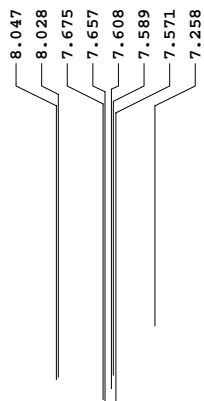
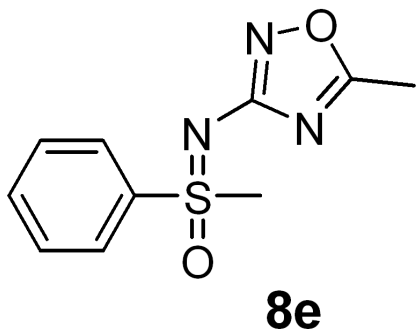
PROJECT CODE:JBPHD1

SAMPLE NAME :JBPHD1-JBL-C-1527-113-F2

Probe:ATB

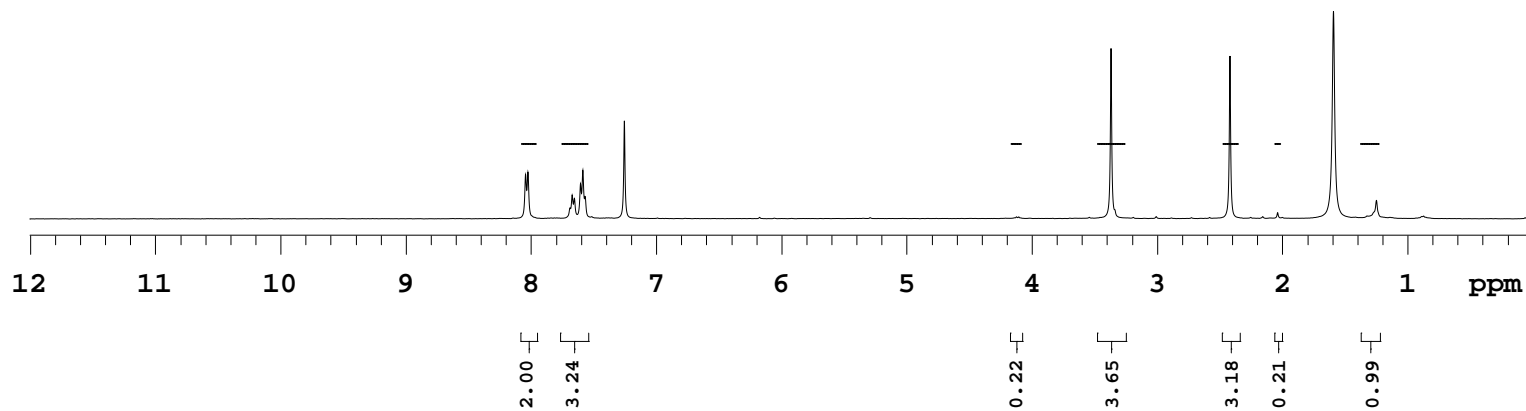


NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 21 2018
TIME : 17:51:39

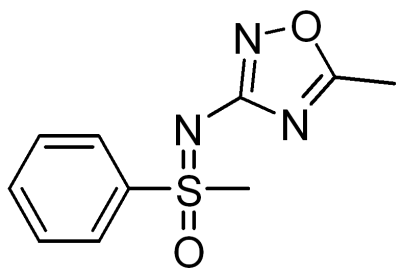


NMR REPORTS:

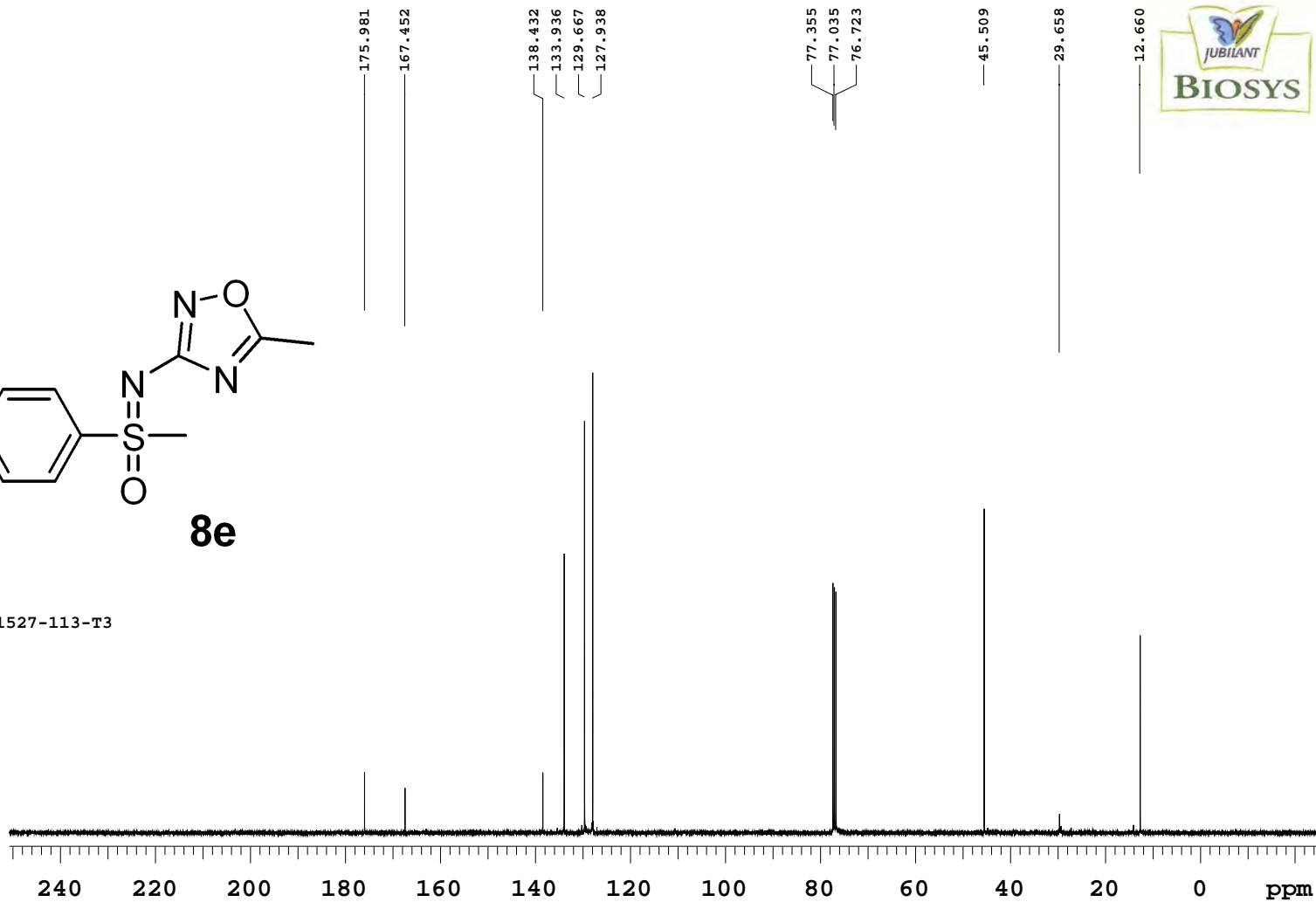
PROJECT NAME : JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-T3



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 0.5
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 24 2018
TIME : 00:37:43



8e

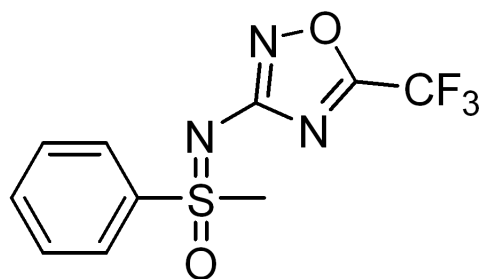


NMR REPORTS:

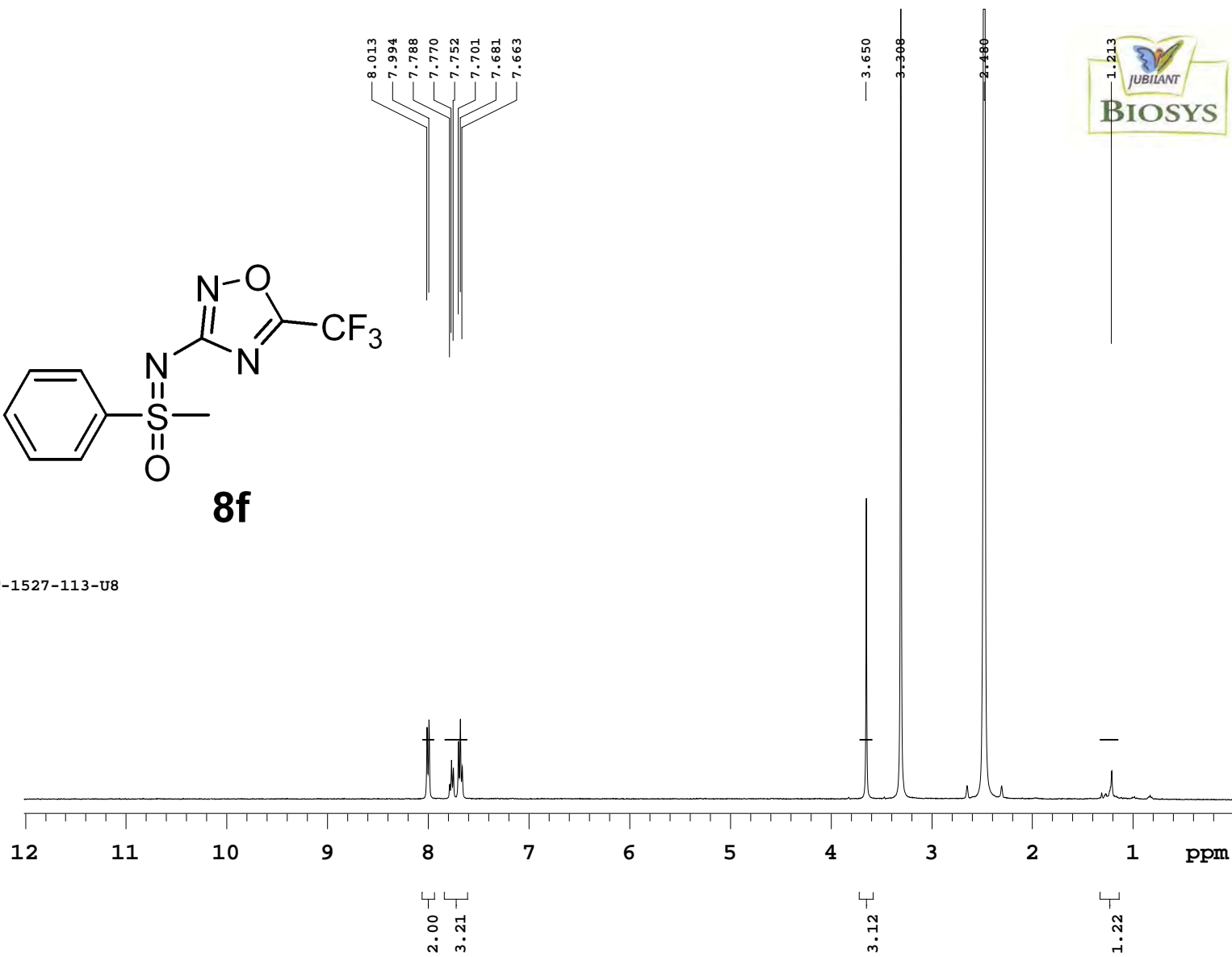
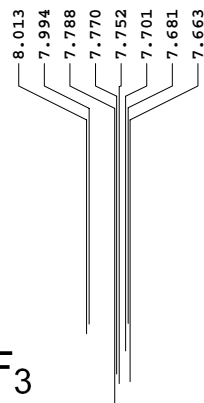
PROJECT NAME : JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-113-T3

PROBE: ATB

NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 21 2018
TIME : 13:45:12



8f



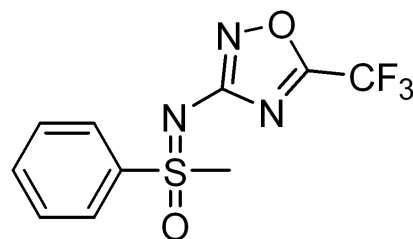
NUCLEUS : F19
FRQ (MHz): 376.00
AT (sec): 0.73
SW (ppm): 237.46
RD (sec): 1.00
PW (usec): 4.40
NT : 64
Solvent : dmsc
NP : 64

TEMP (K): 303.15
EXP : s2pul
DATE : Nov 22 2018
TIME : 03:59:56

NMR REPORTS:

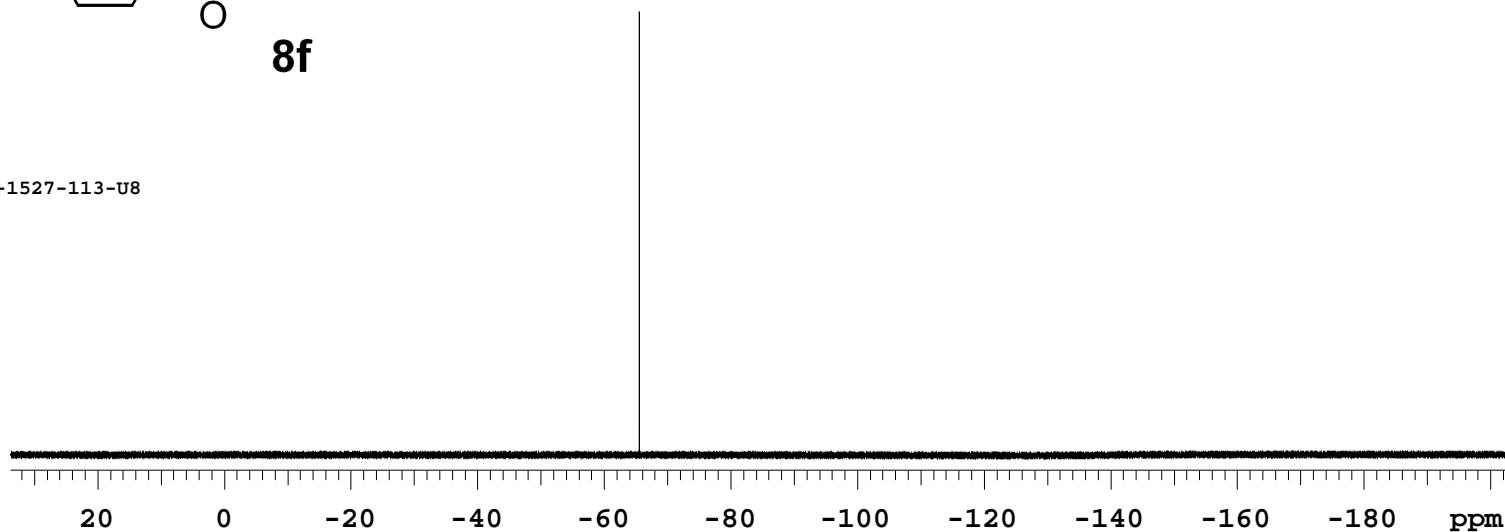
PROJECT NAME : JBPBD1-JBL-C-1527-113-U8

PROBE: ATB

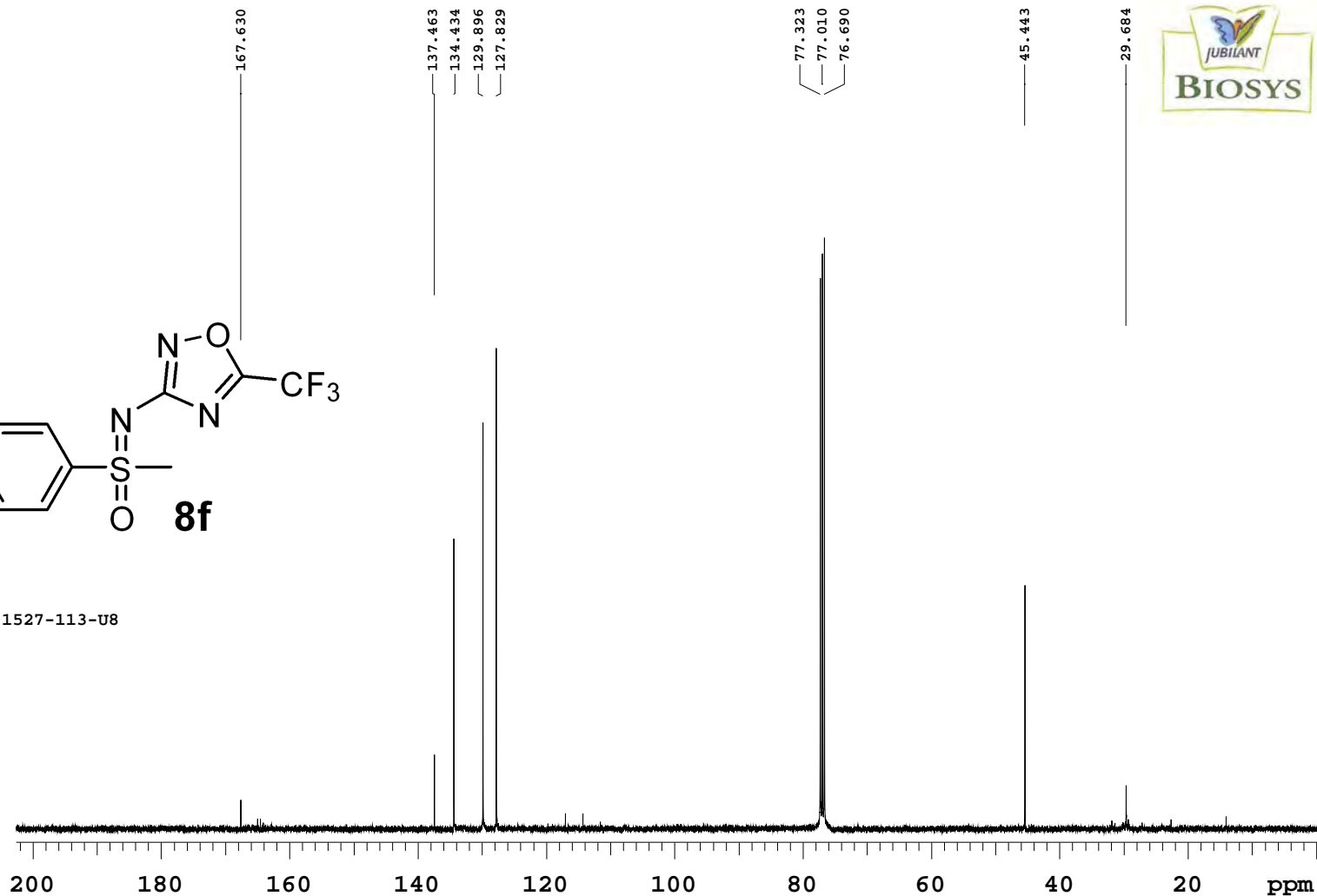
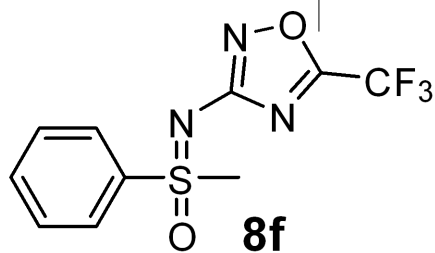


8f

— 65.519



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 10000
Solvent : cdcl3
NP : 10000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 14 2019
TIME : 22:18:24

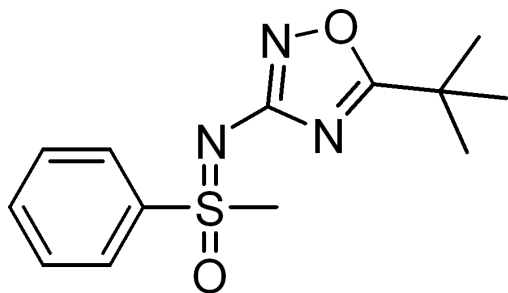


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-U8

PROBE: ATB

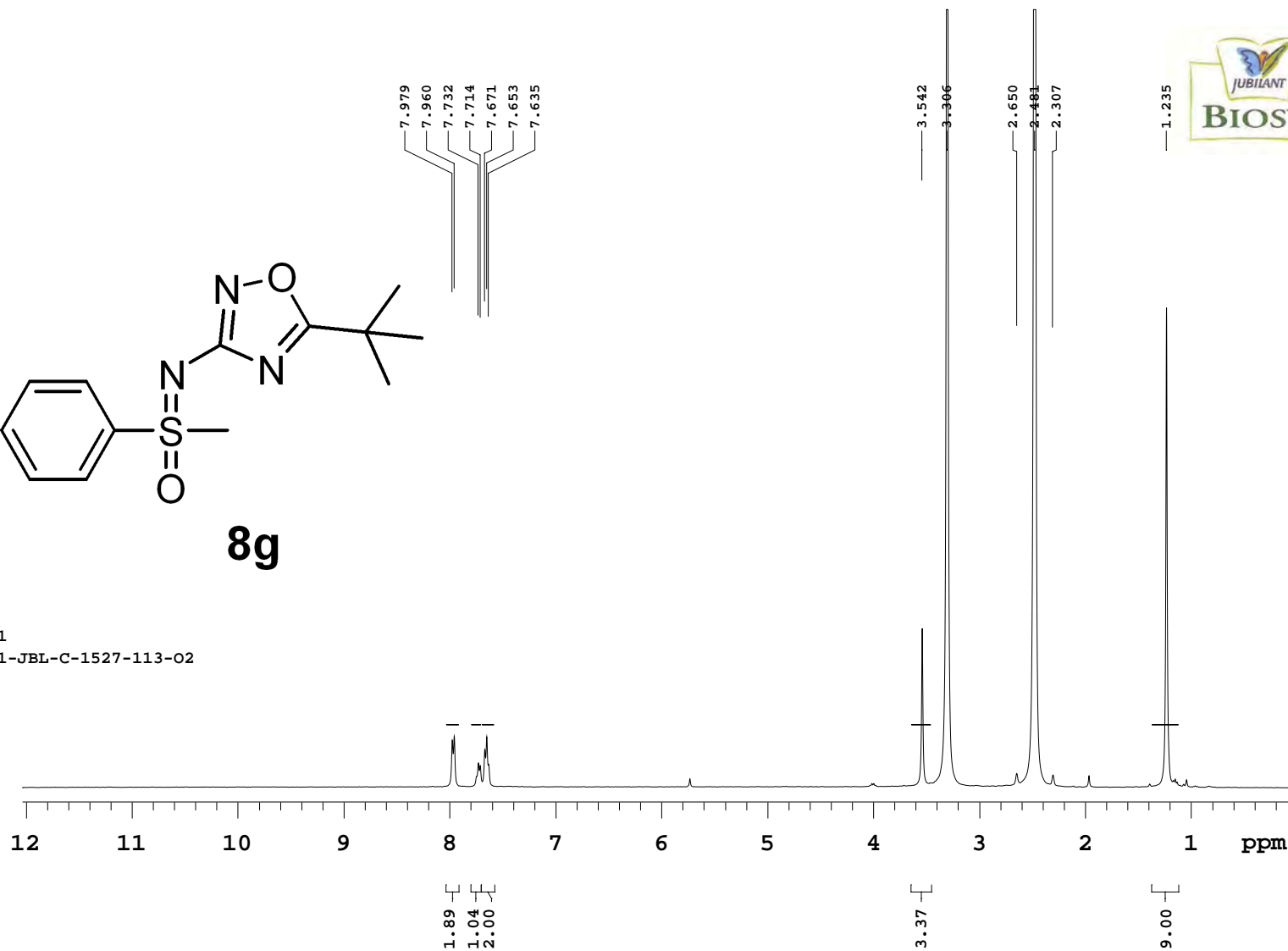
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 128
Solvent : dmsc
NP : 128
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 11 2018
TIME : 16:39:53



8g

NMR REPORT

Project Code: JBPFD1
Sample Name : JBPFD1-JBL-C-1527-113-02
Probe Name: ATB

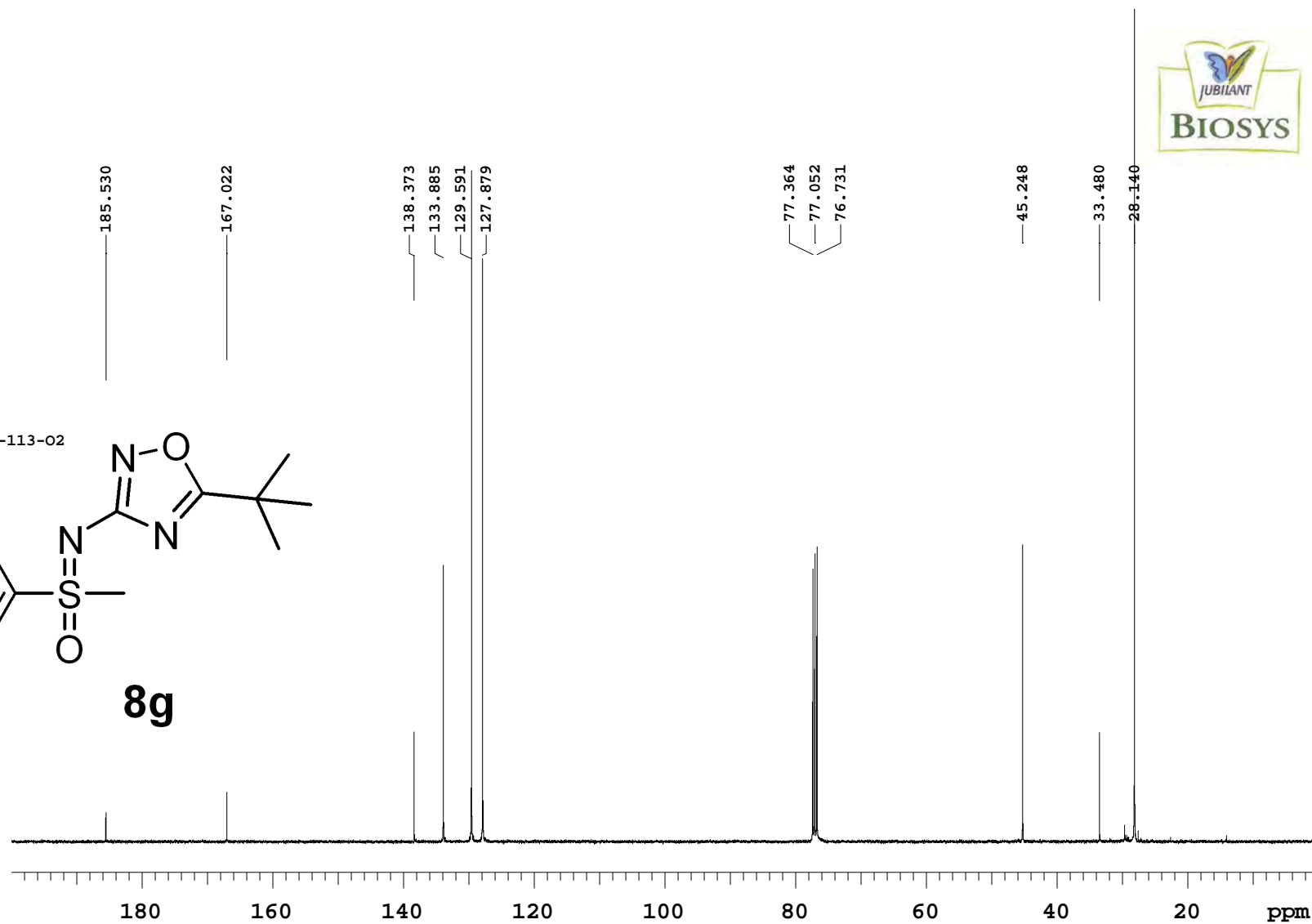
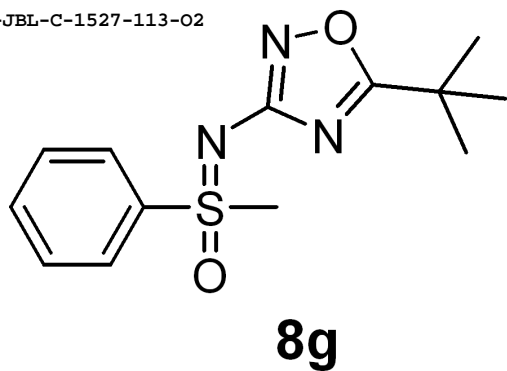


NUCLEUS : C13
 FRQ (MHz) : 100.50
 AT (sec) : 1.18
 SW (ppm) : 276.40
 RD (sec) : 1.00
 PW (usec) : 5.40
 Scans : 5000
 Solvent : cdcl3
 Data Points : 65536
 LB (Hz) : 1.00
 TEMP (K) : 303.15
 EXP : s2pul
 DATE : Sep 13 2018
 System : VNMR5_400

NMR REPORT

Project Code : JBPFD1
 Sample Name : JBPFD1-JBL-C-1527-113-02

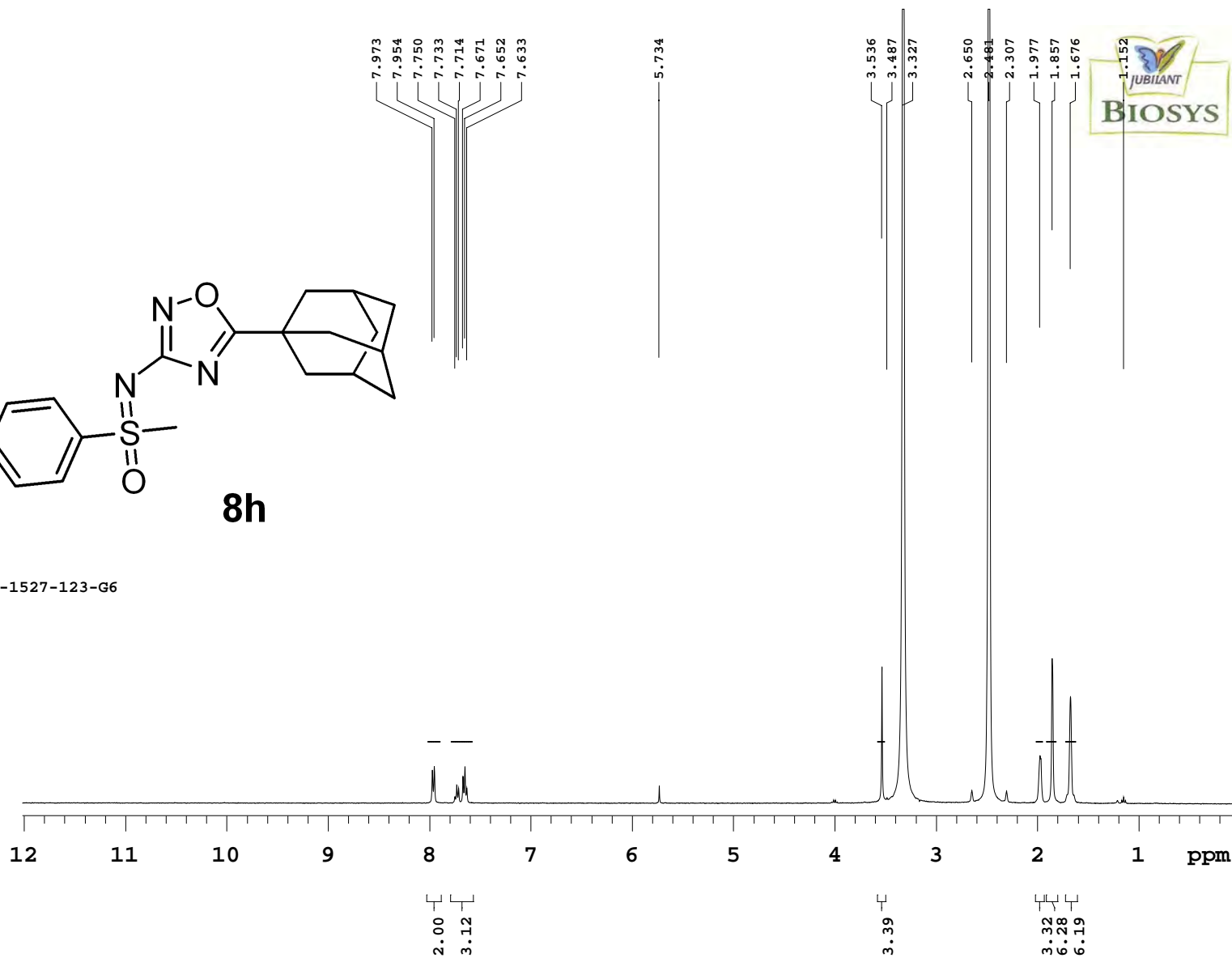
Probe Name: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 22 2018
TIME : 15:14:35



8h



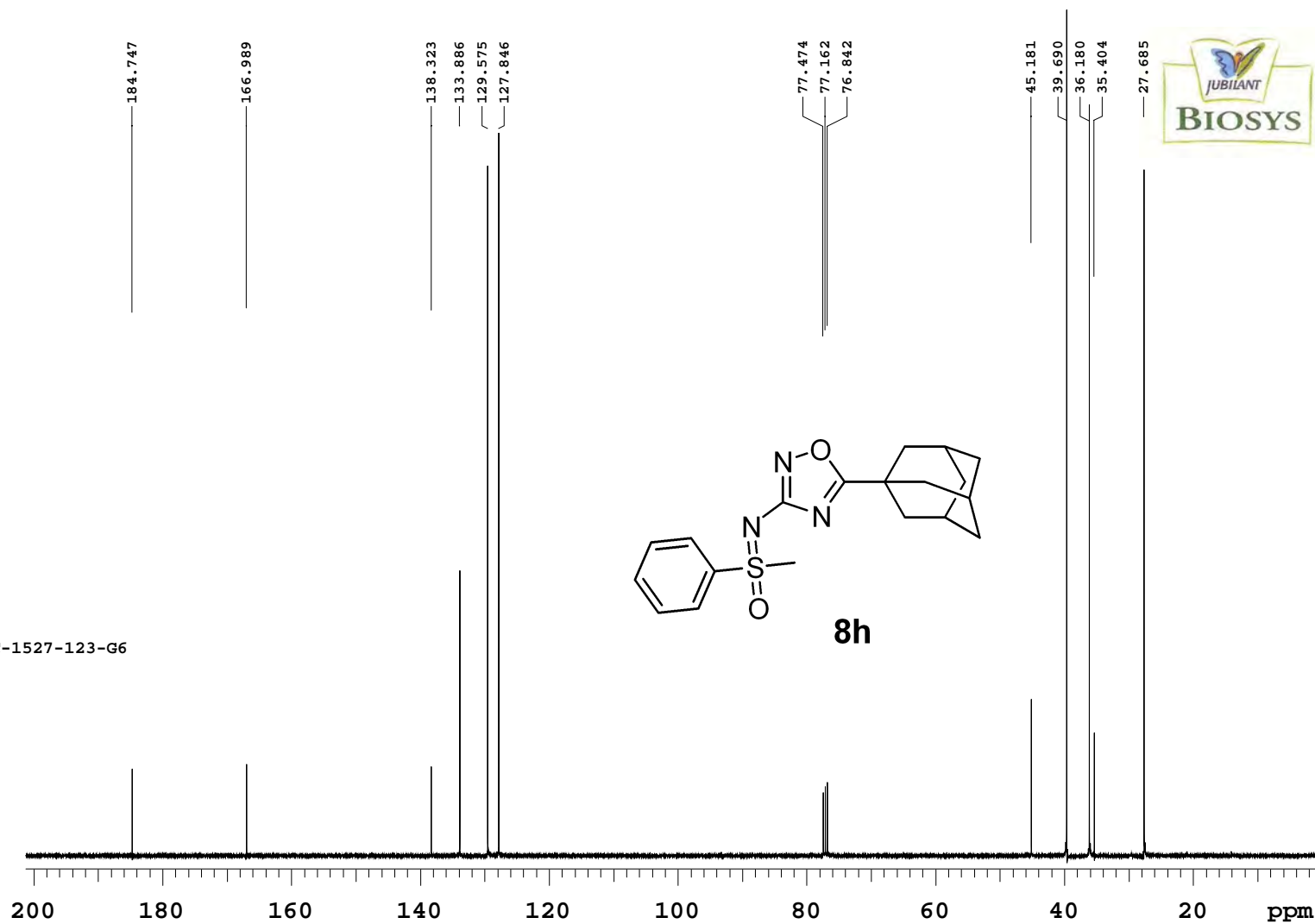
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000

TEMP (K): 303.15
EXP : s2pul
DATE : Nov 24 2018
TIME : 00:55:34

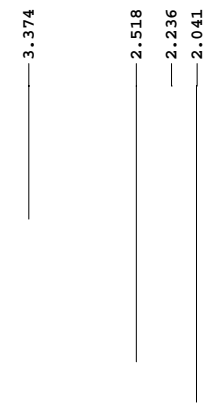
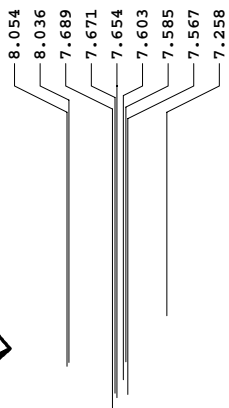
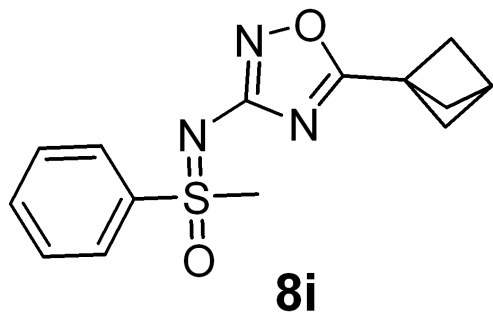
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-G6

PROBE: ATB



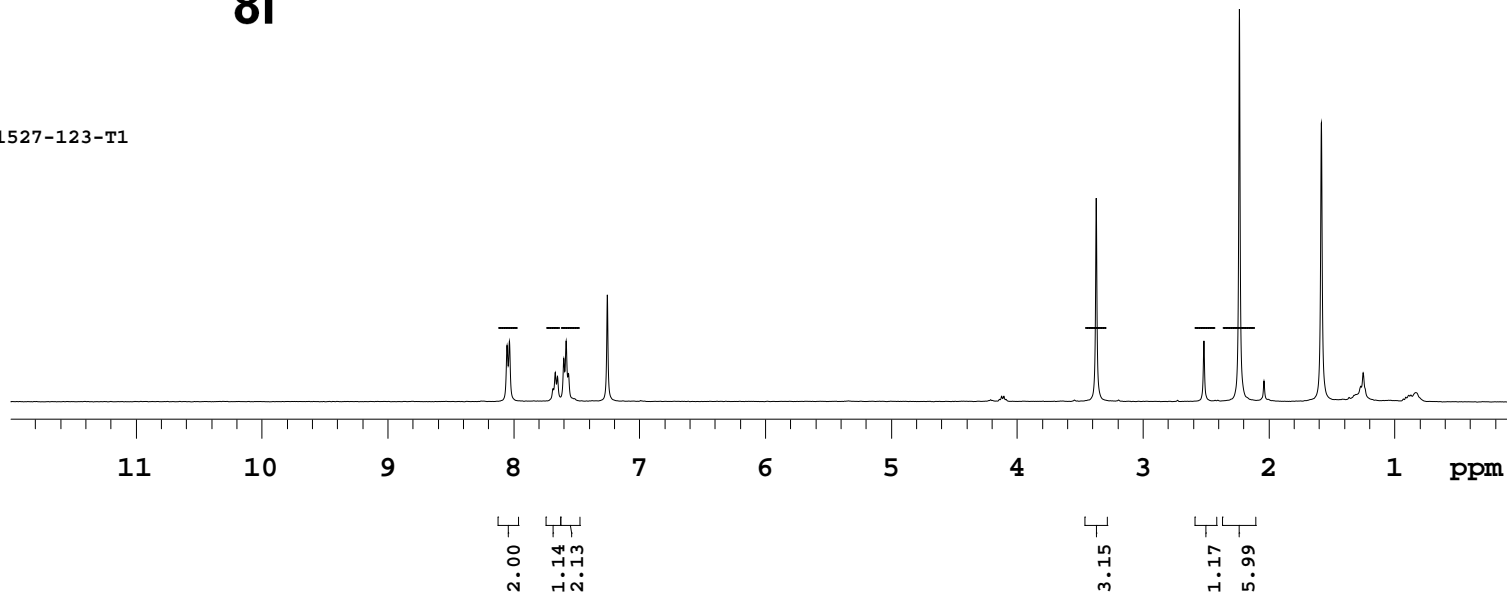
NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Dec 26 2018
 TIME : 11:33:41



NMR REPORTS:

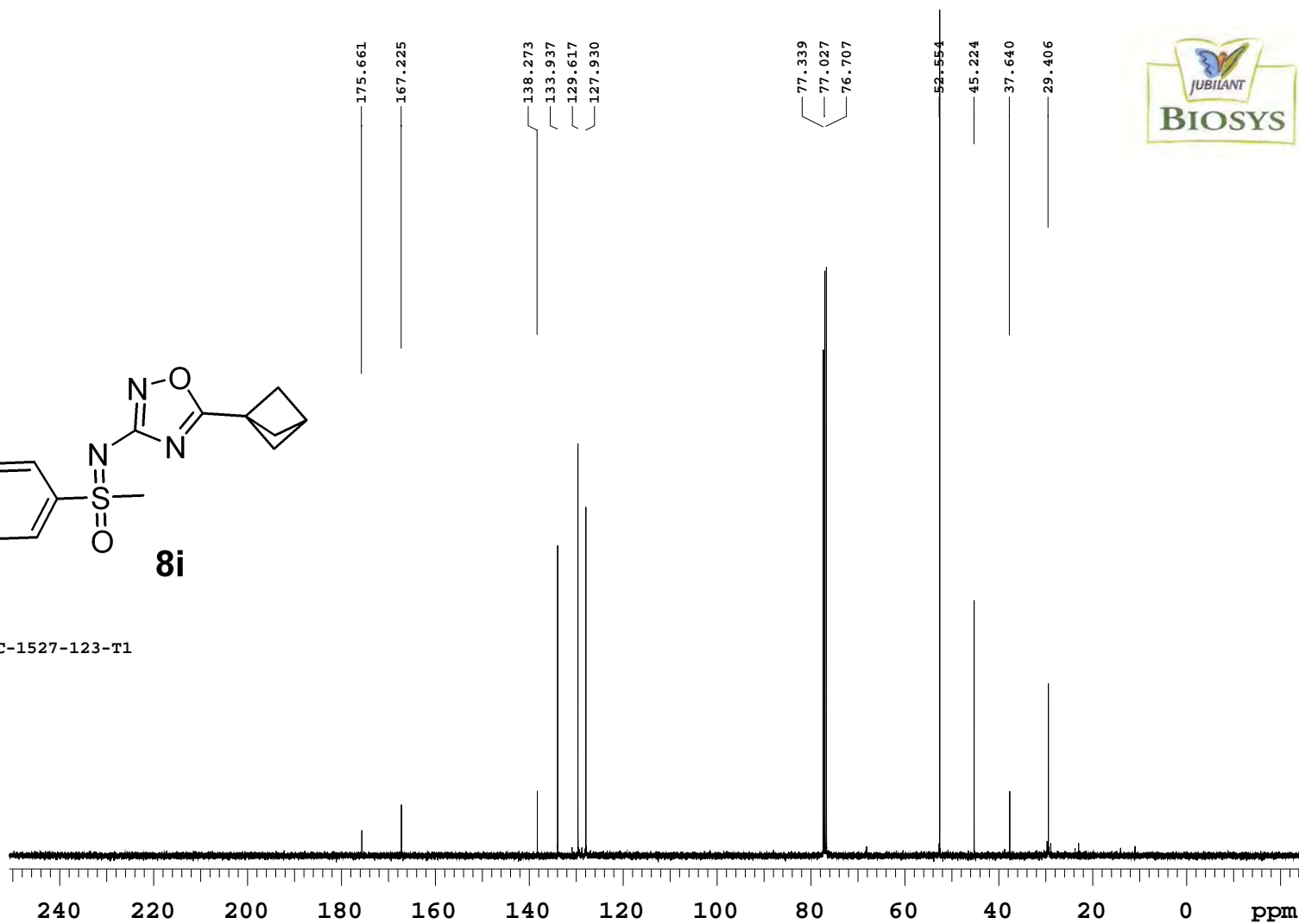
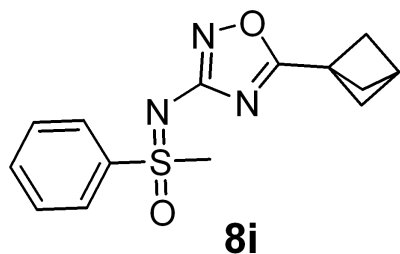
PROJECT NAME : JBPHD1-JBL-C-1527-123-T1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000

TEMP (K): 303.15
EXP : s2pul
DATE : Dec 27 2018
TIME : 23:08:11

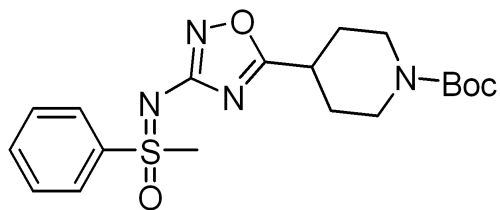


NMR REPORTS:

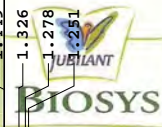
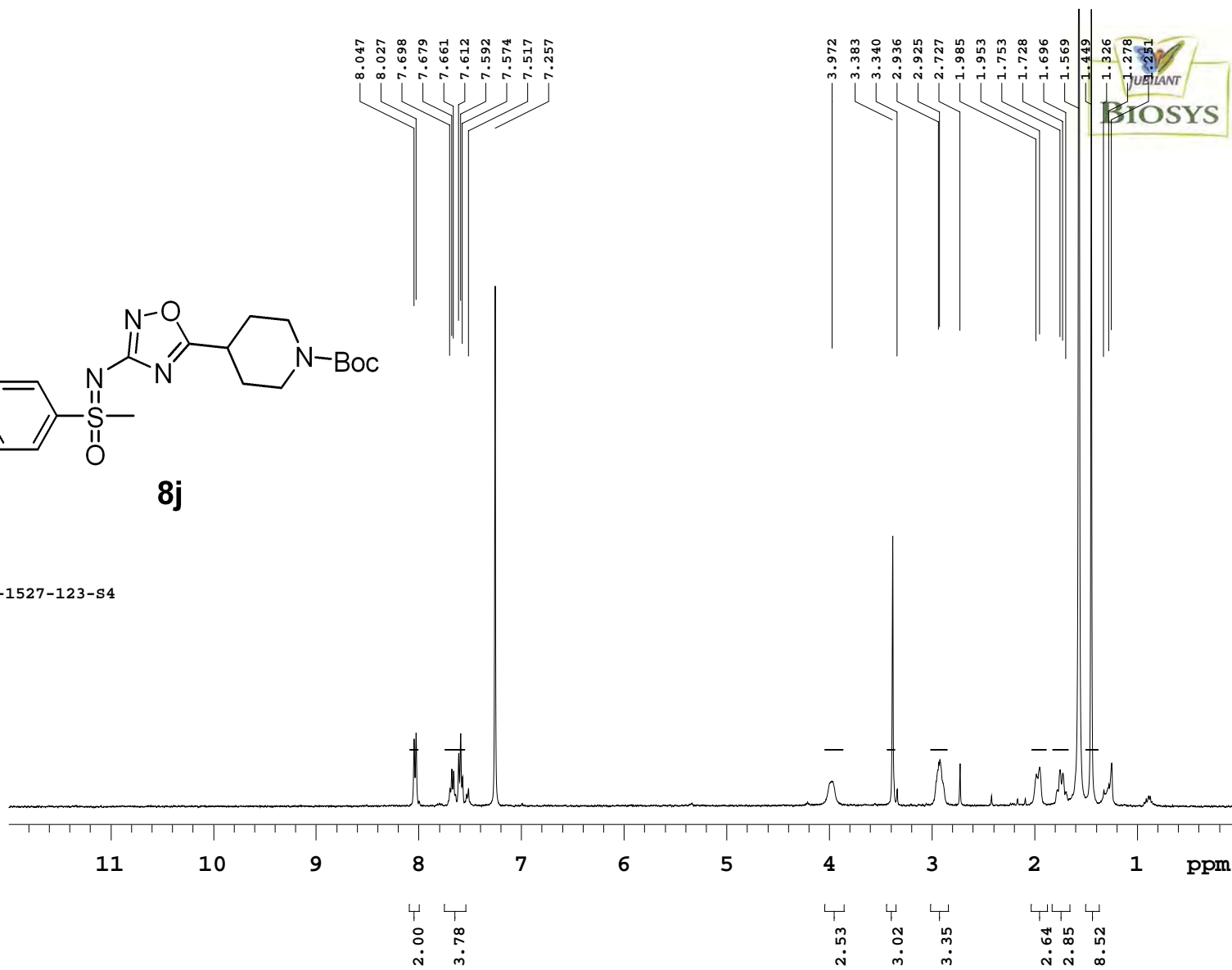
PROJECT NAME : JBPFD1-JBL-C-1527-123-T1

PROBE: ATB

NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 6 2018
TIME : 12:09:35



8j

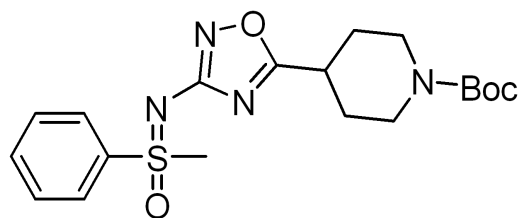


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-s4

PROBE: ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 8 2018
TIME : 18:40:17

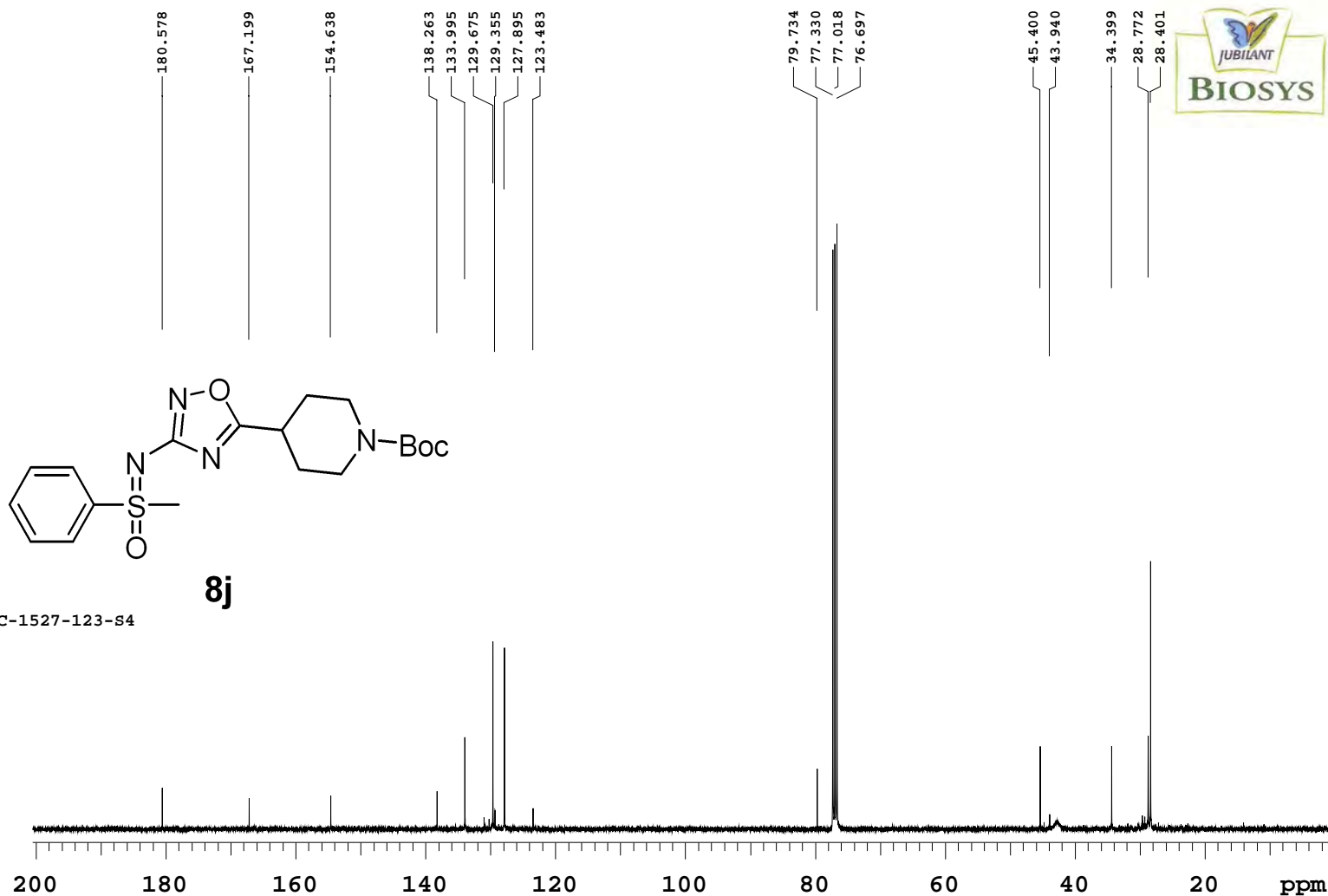


8j

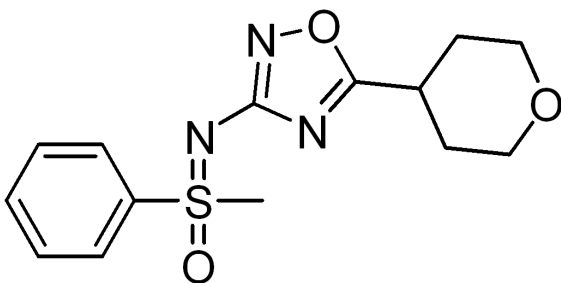
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-s4

PROBE: ATB



NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 6.05
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Sep 3 2018
 TIME : 14:58:58

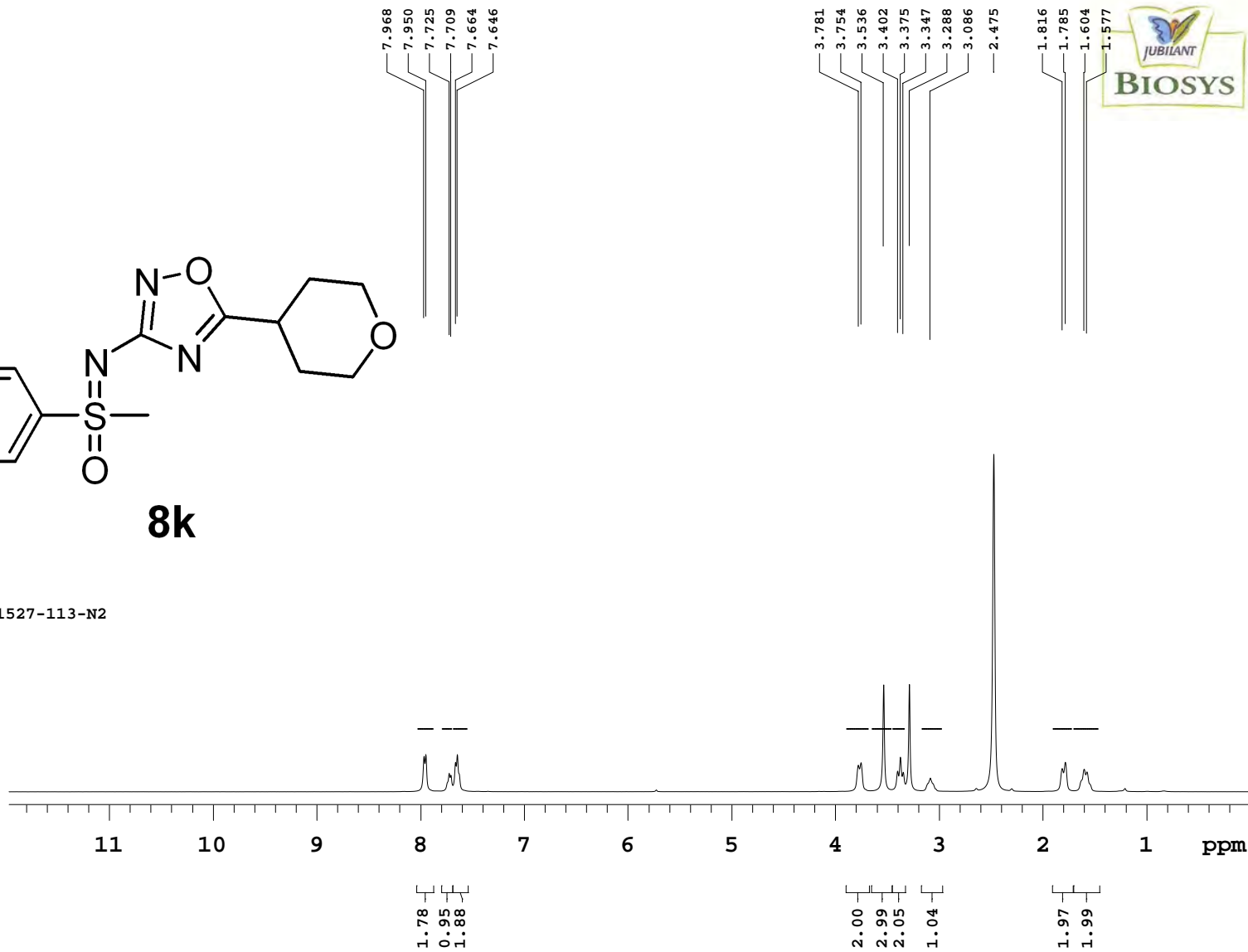


8k

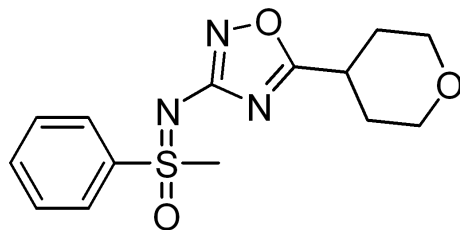
NMR REPORT

PROJECT CODE: JBPHD1
 SAMPLE NAME : JBPHD1-JBL-C-1527-113-N2

Probe: Asw4nuclei



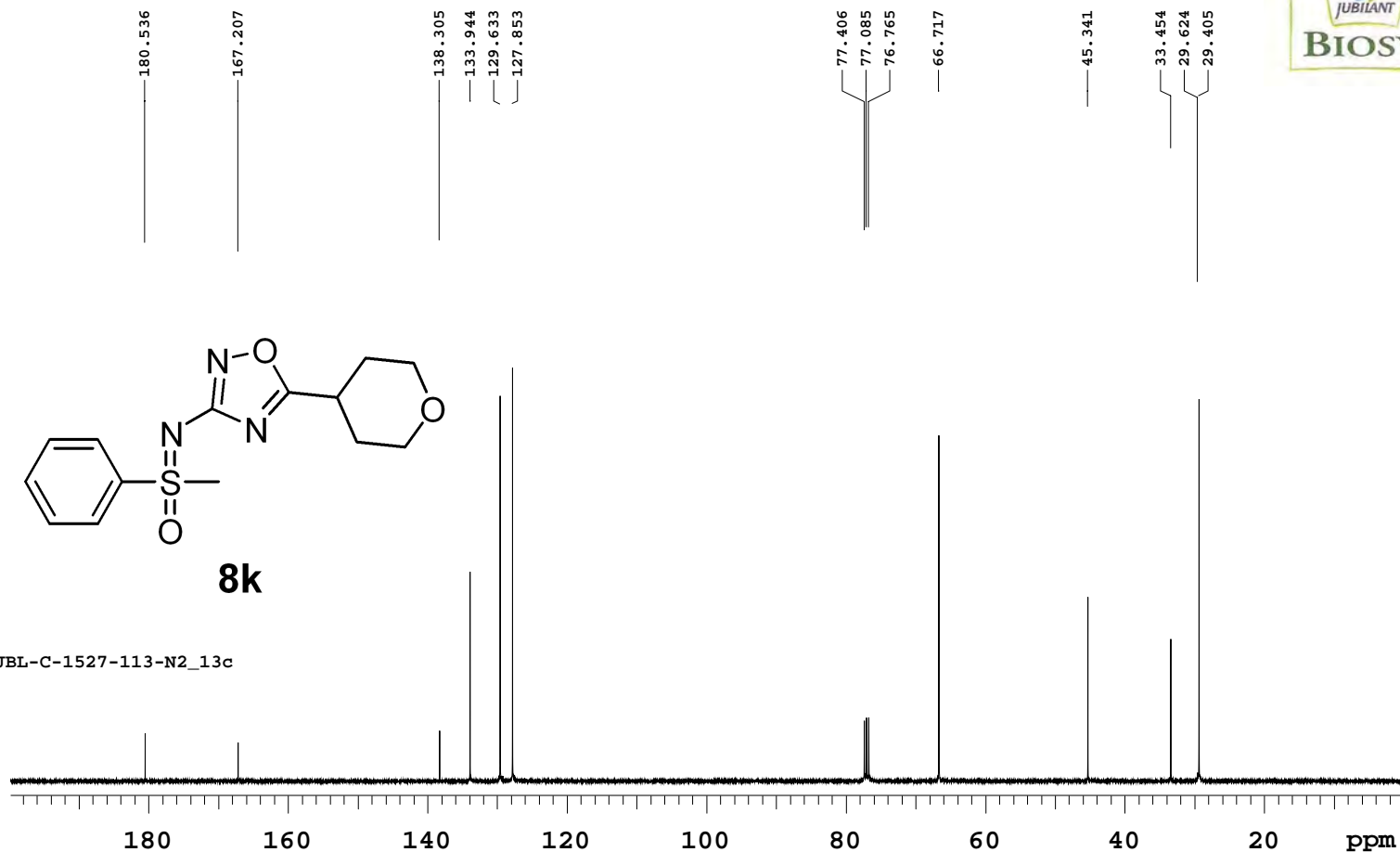
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 0.5
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 9 2018
TIME : 18:59:32



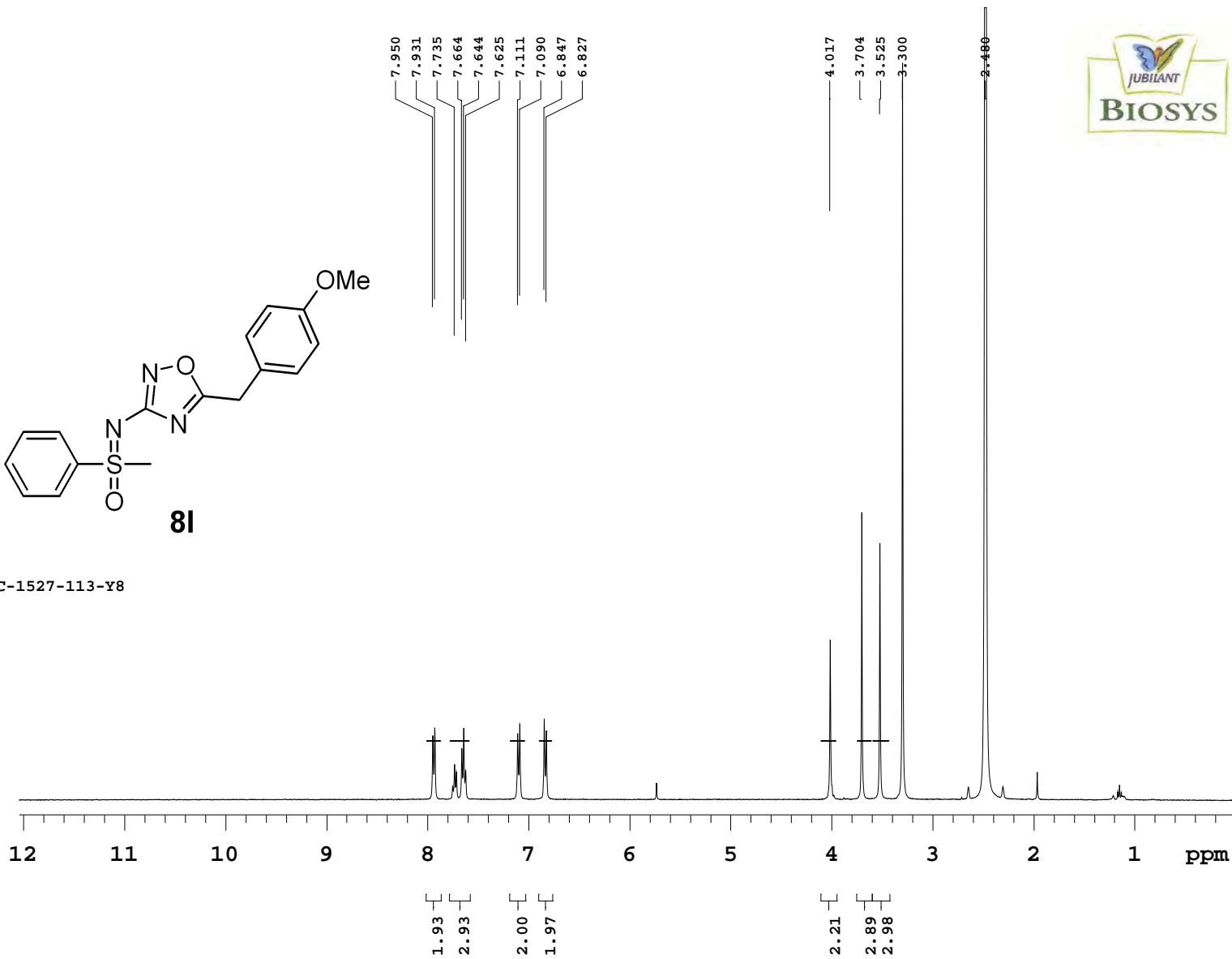
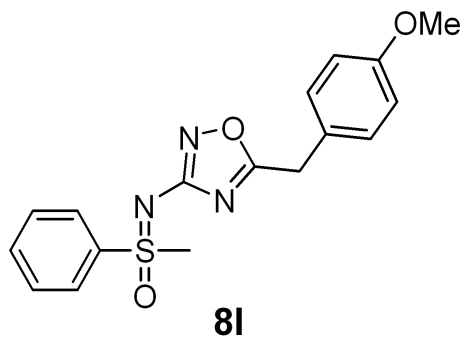
8k

NMR REPORT

Project Code : JBPHD1
Sample Name : JBPHD1-JBL-C-1527-113-N2_13c
Probe Name: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Oct 29 2018
TIME : 13:46:51



NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-Y8

PROBE: ATB

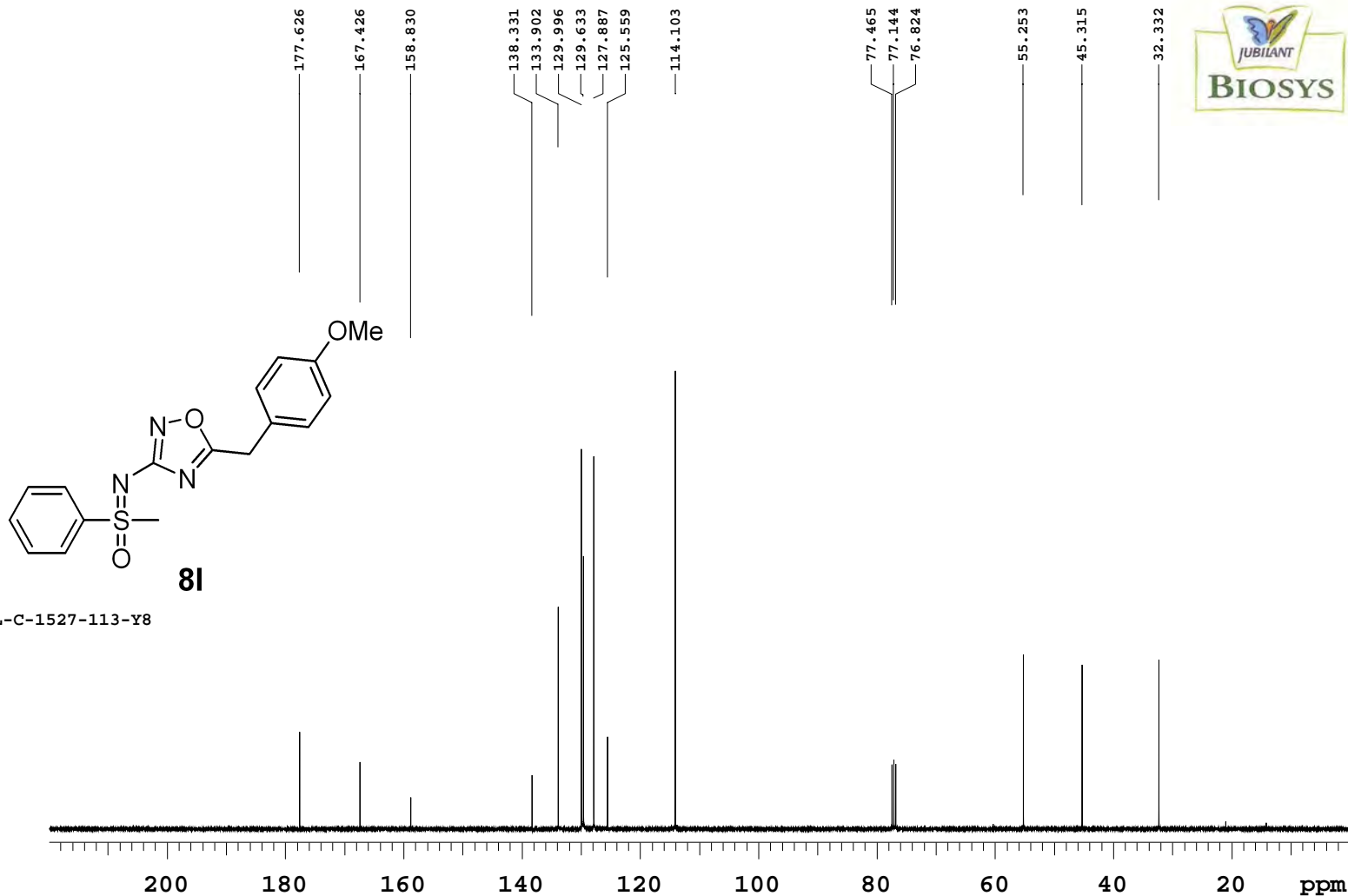
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000

TEMP (K): 303.15
EXP : s2pul
DATE : Oct 30 2018
TIME : 02:29:46

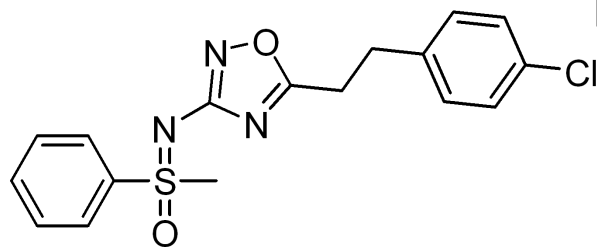
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-113-Y8

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Oct 31 2018
TIME : 18:25:56

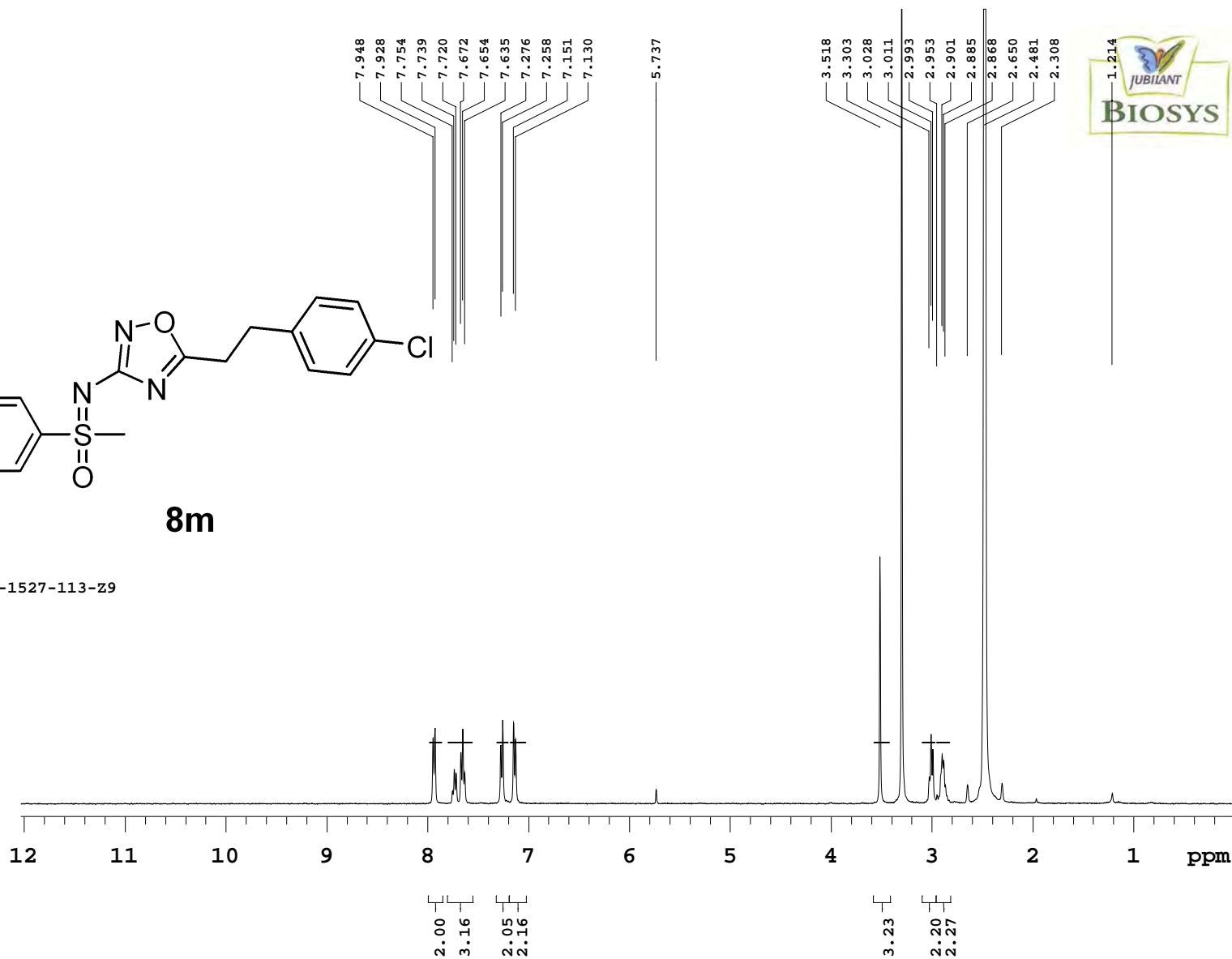


8m

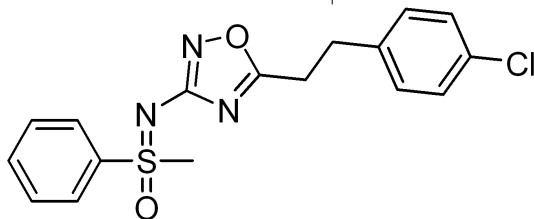
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-Z9

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 1 2018
TIME : 10:36:57

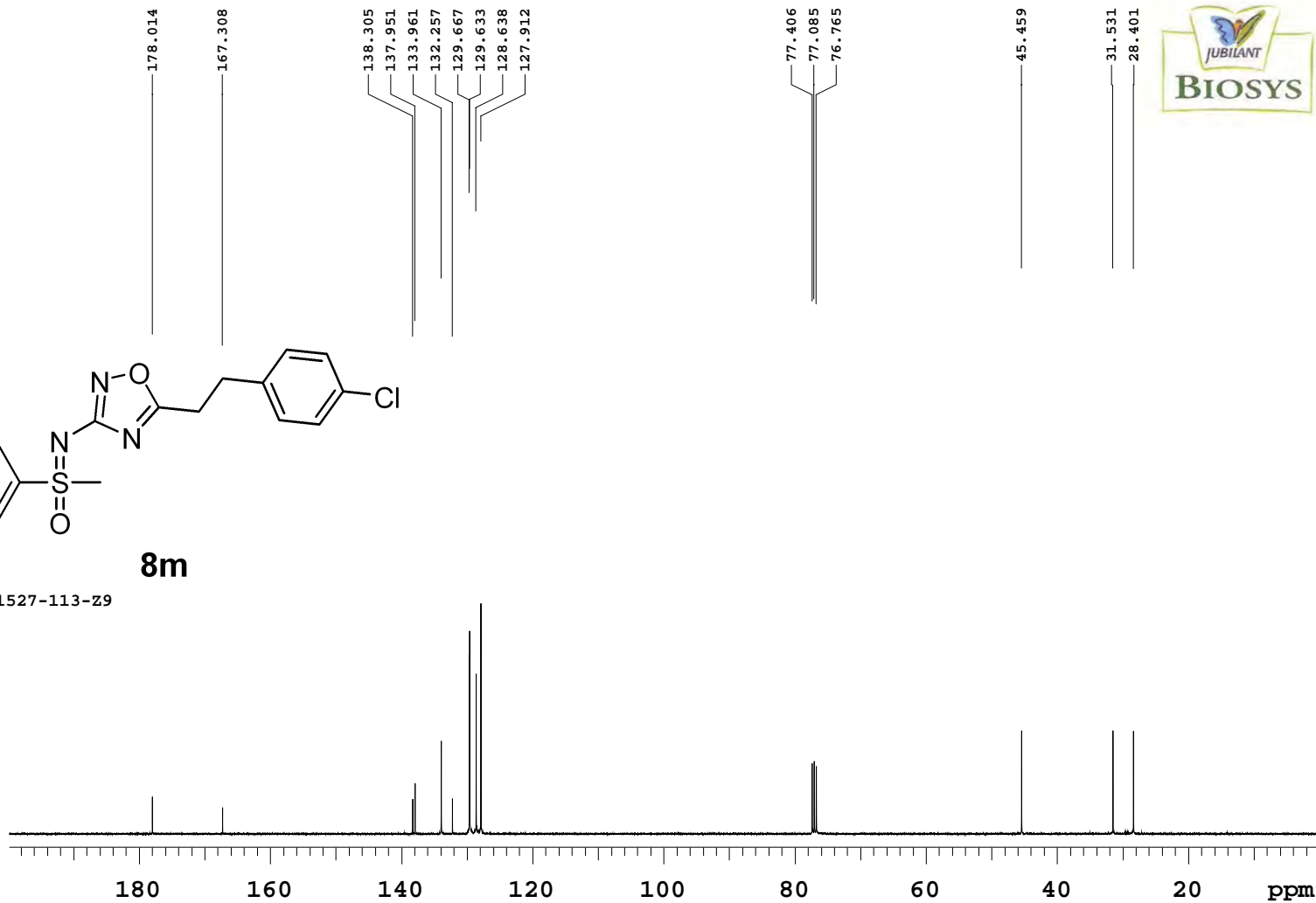


8m

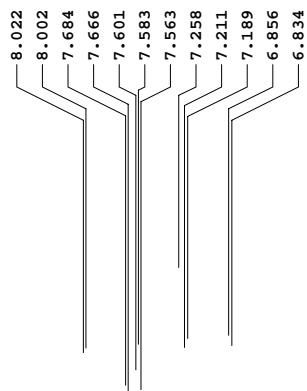
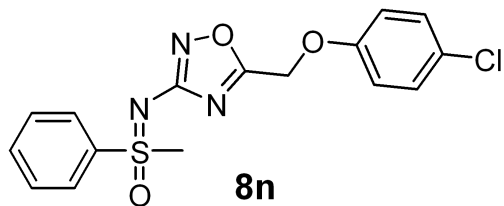
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-Z9

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 3 2018
TIME : 16:44:36



5.092

3.378

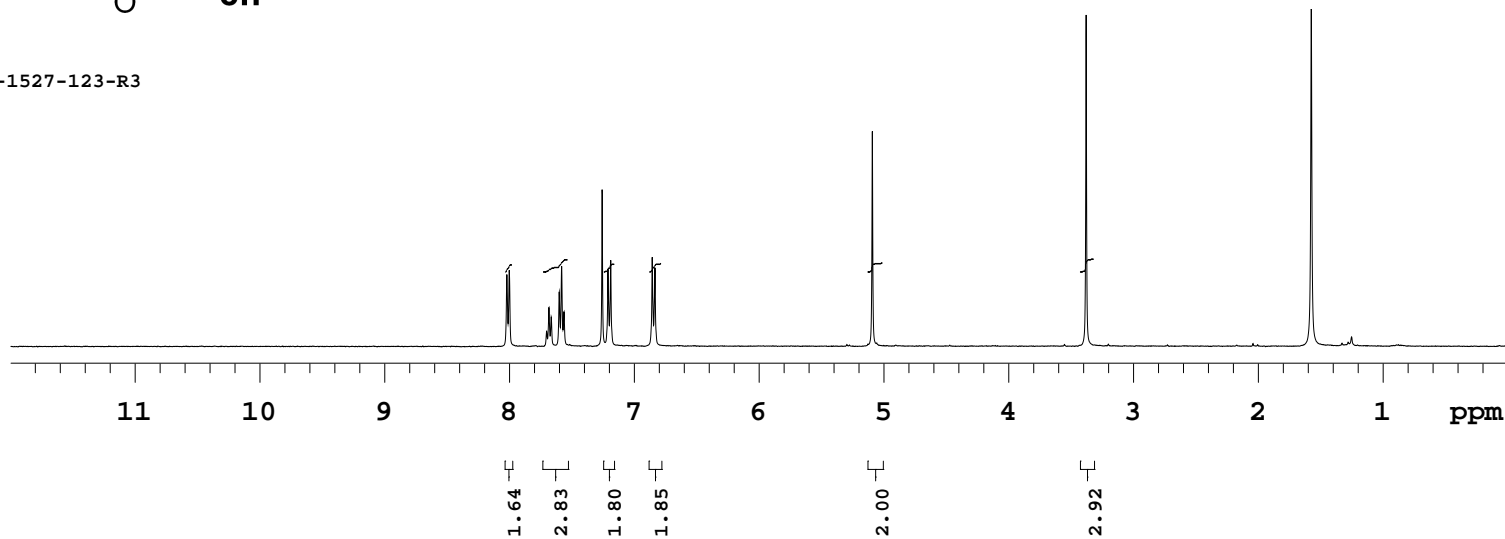
1.574



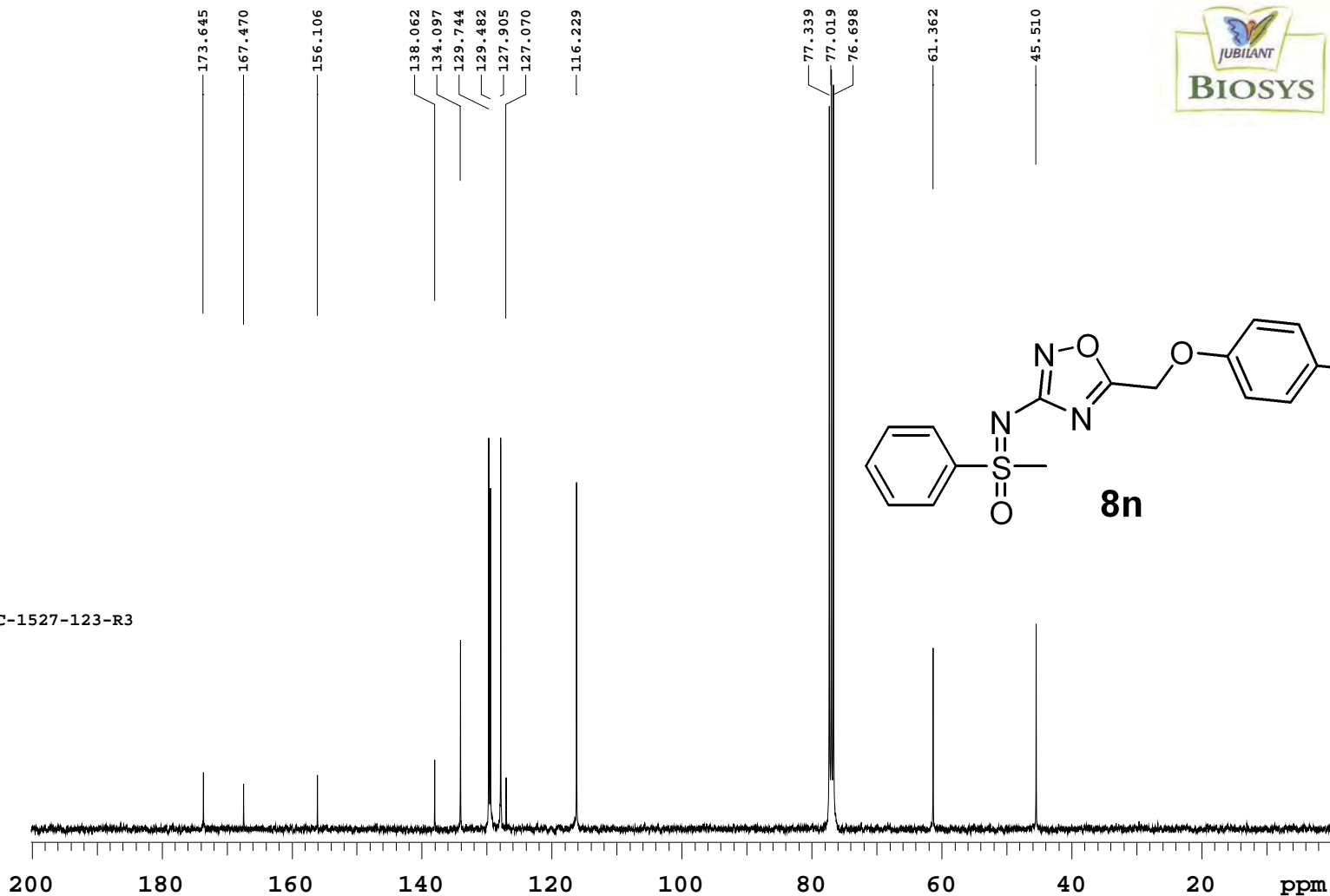
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-R3

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Dec 5 2018
TIME : 21:07:31

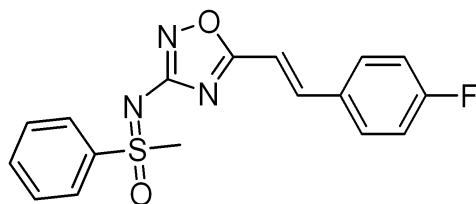


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-R3

PROBE: ATB

NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 5 2018
TIME : 17:06:02

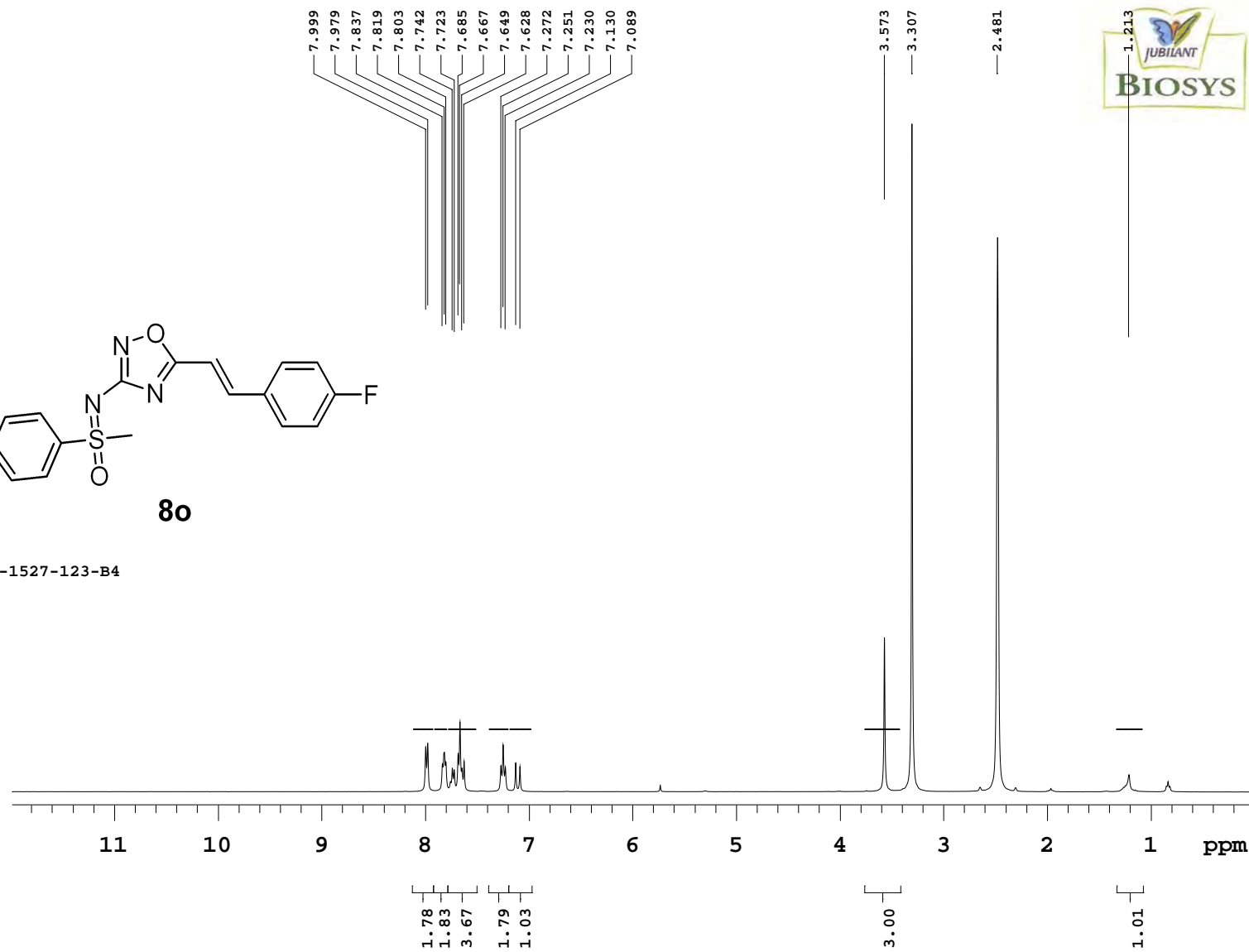


80

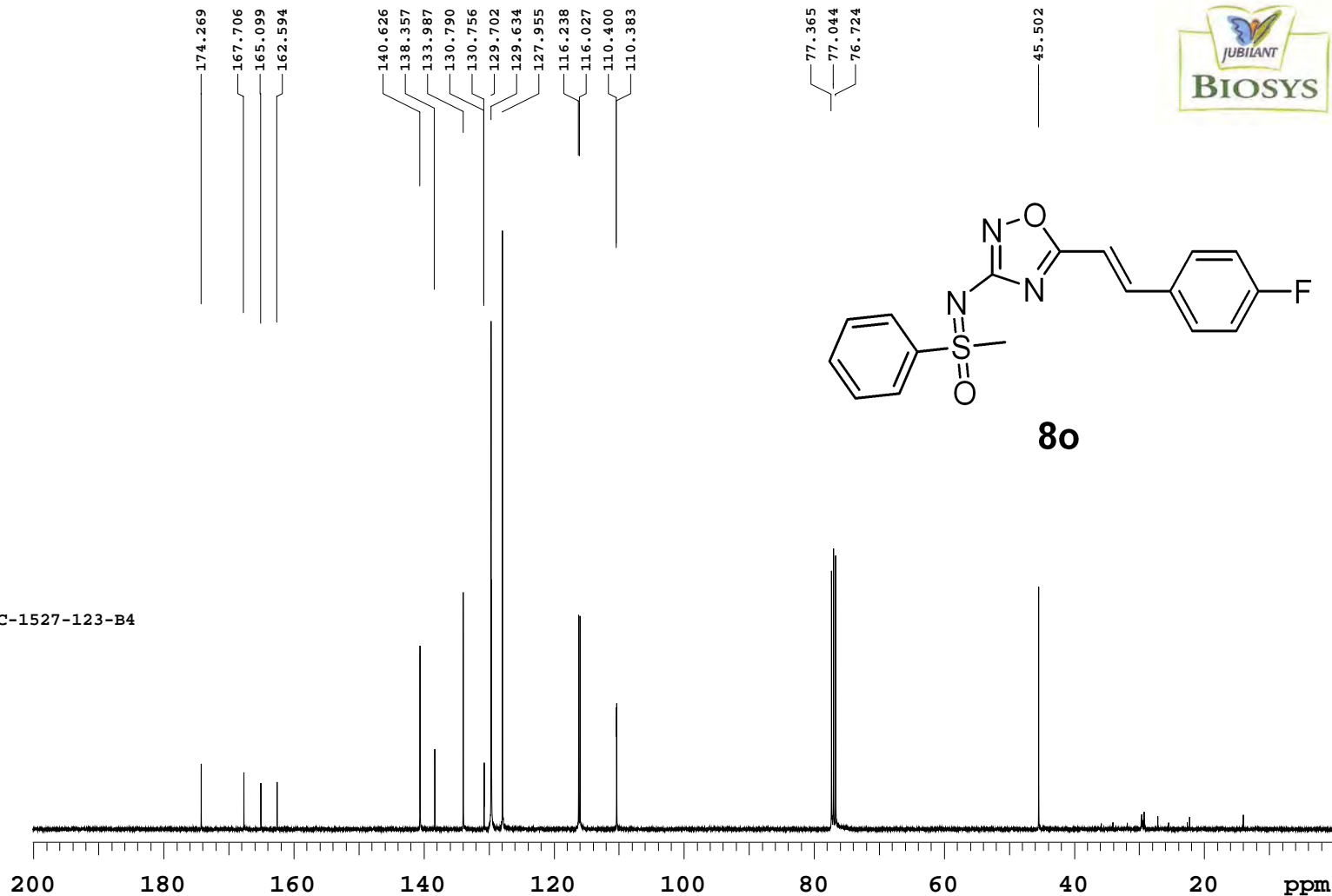
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-B4

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 10000
Solvent : cdcl3
NP : 10000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 5 2018
TIME : 18:40:53

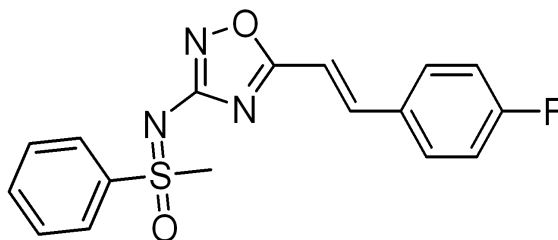


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-B4

PROBE: ATB

NUCLEUS : F19
FRQ (MHz): 376.00
AT (sec): 0.73
SW (ppm): 237.46
RD (sec): 1.00
PW (usec): 4.40
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 5 2018
TIME : 15:47:05



80

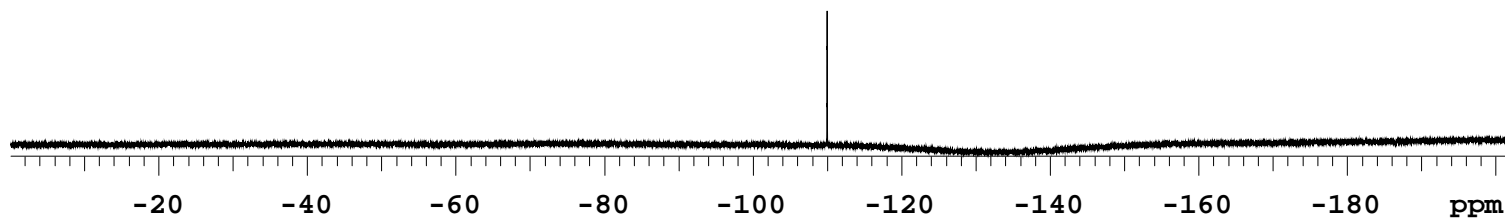
-109.952



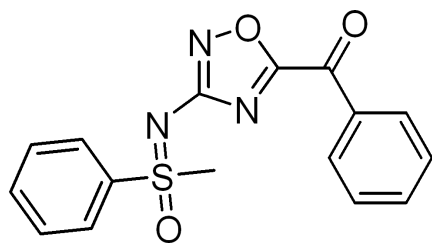
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-B4

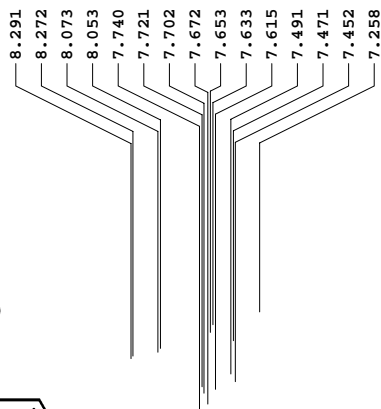
PROBE: ATB



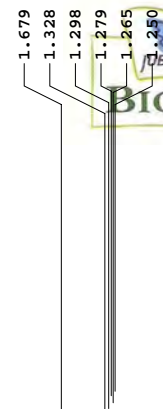
NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Nov 27 2018
 TIME : 14:43:08



8p



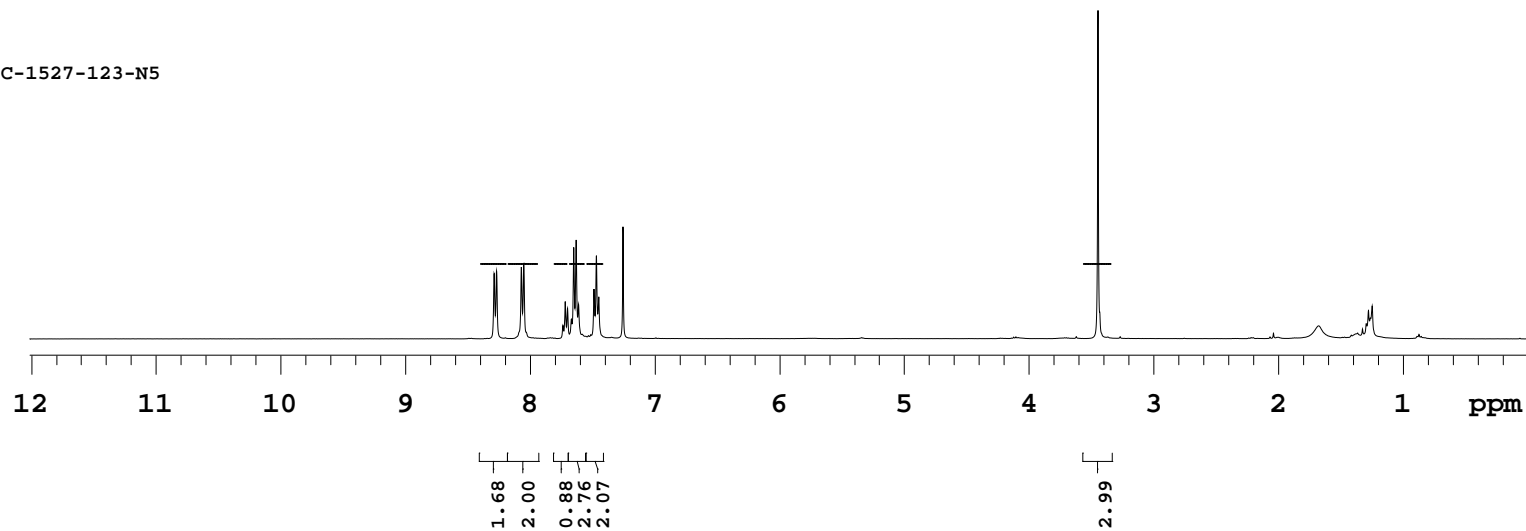
— 3.448



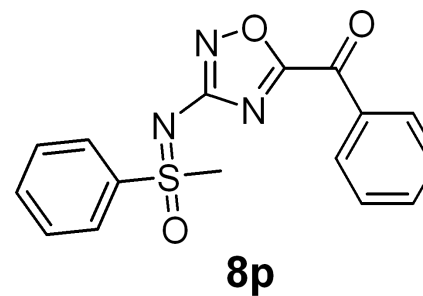
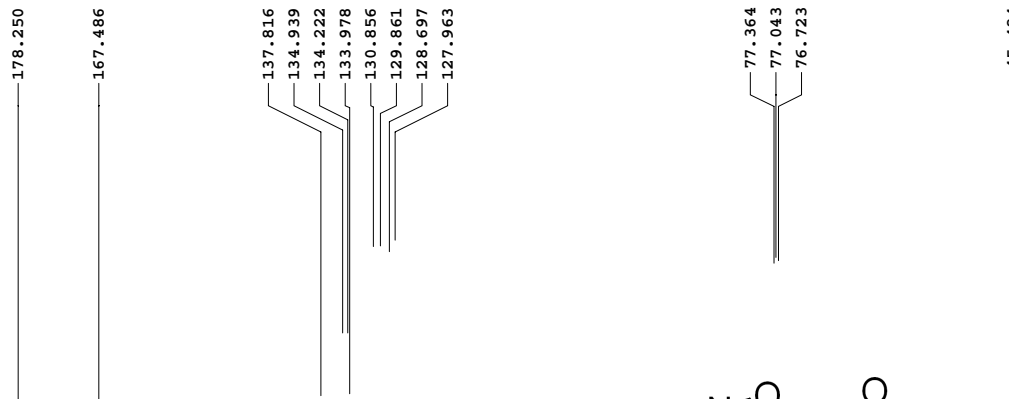
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-N5

PROBE: ATB



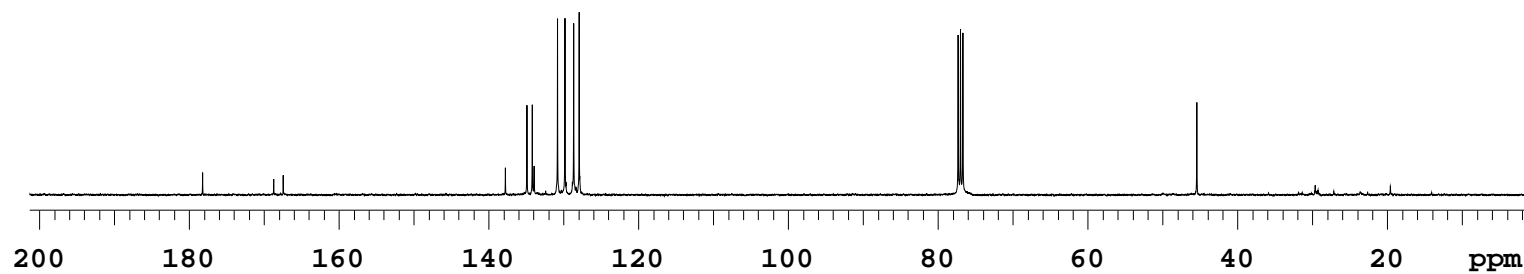
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 28 2018
TIME : 20:52:53



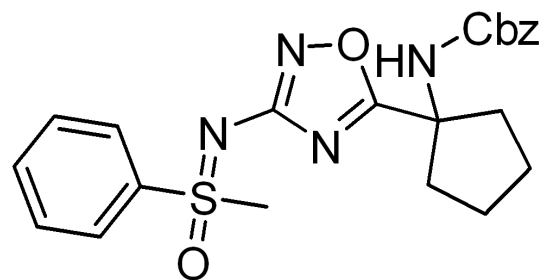
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-N5 _13C

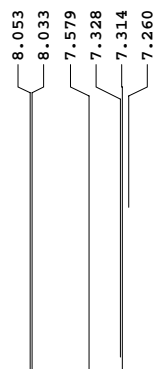
PROBE: ATB



NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.95
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Apr 16 2019
 TIME : 17:59:11



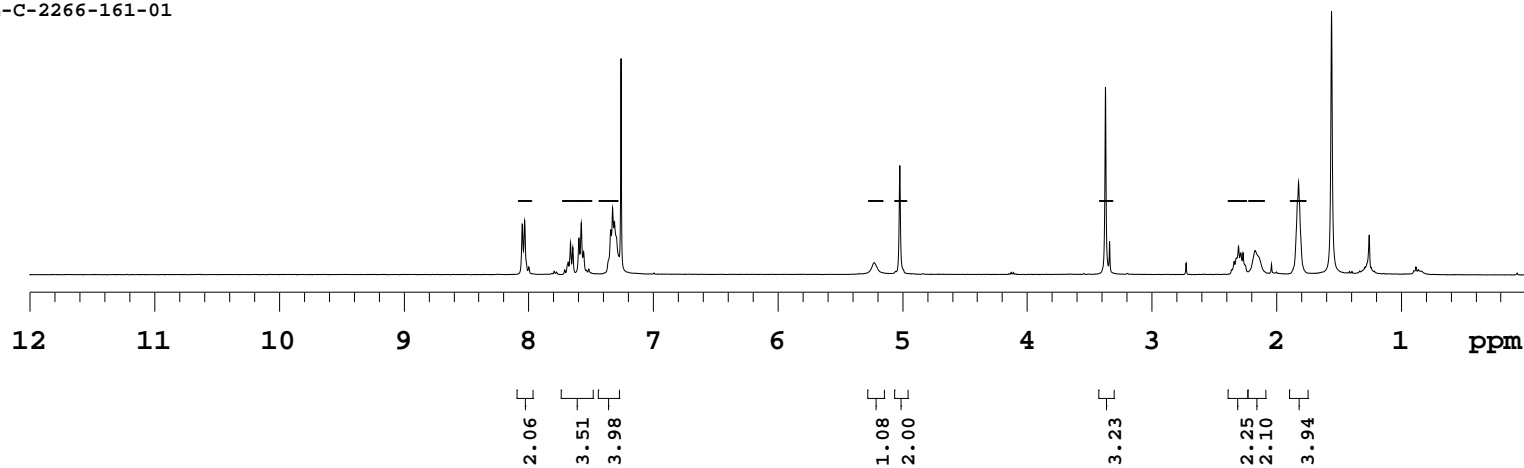
8q



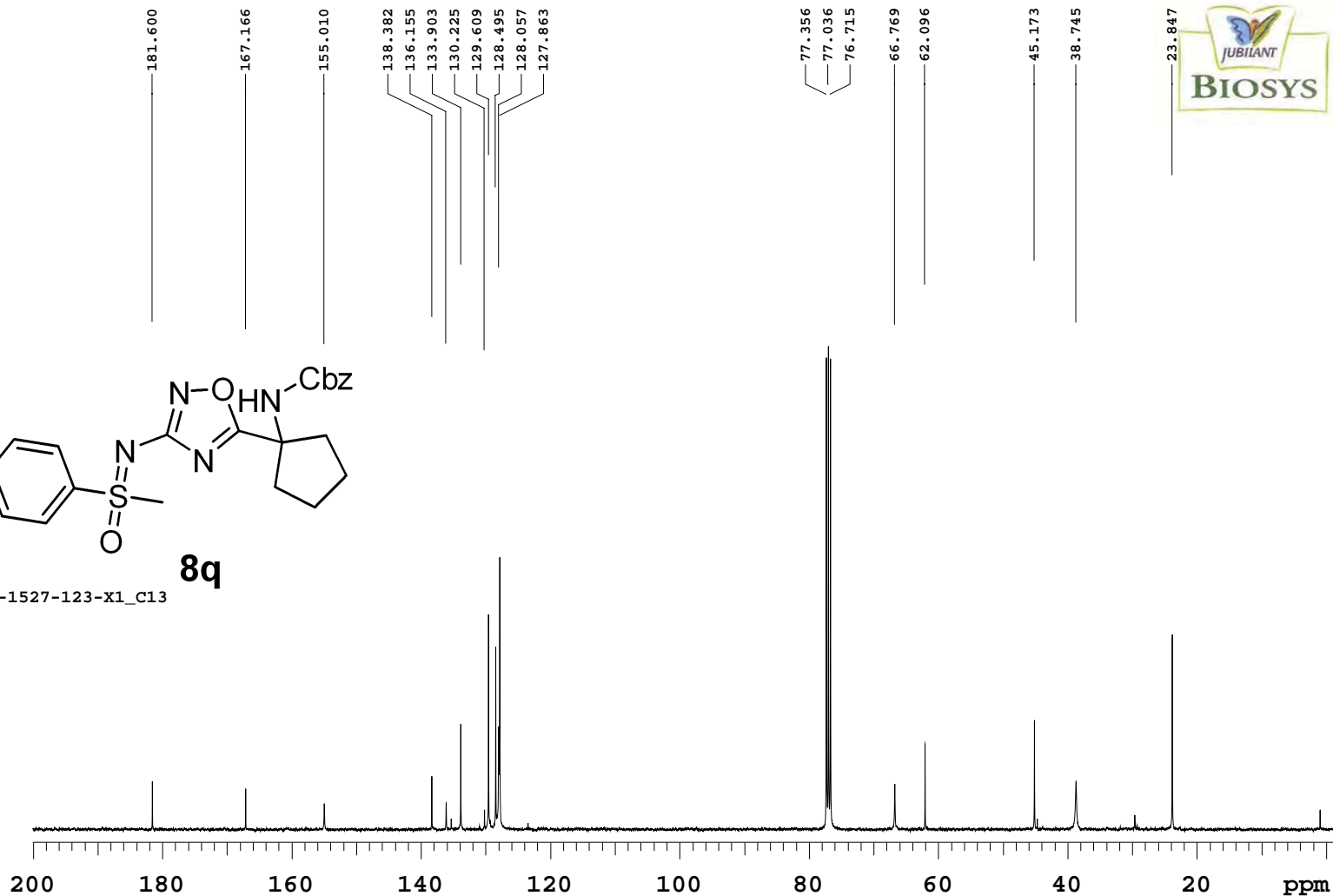
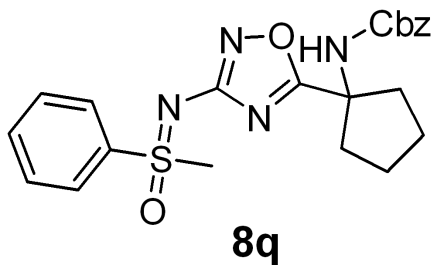
NMR REPORTS:

PROJECT NAME : TRSMC1-JBL-C-2266-161-01

PROBE: ATB



NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.45
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Apr 18 2019
 TIME : 00:02:33

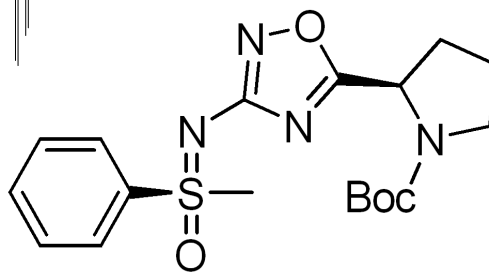
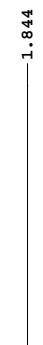
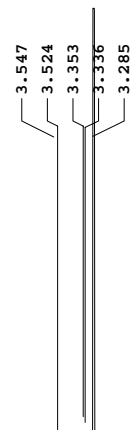
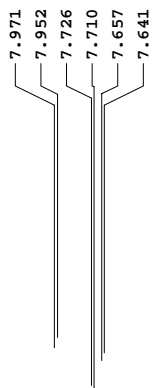


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-X1_C13

PROBE: ATB

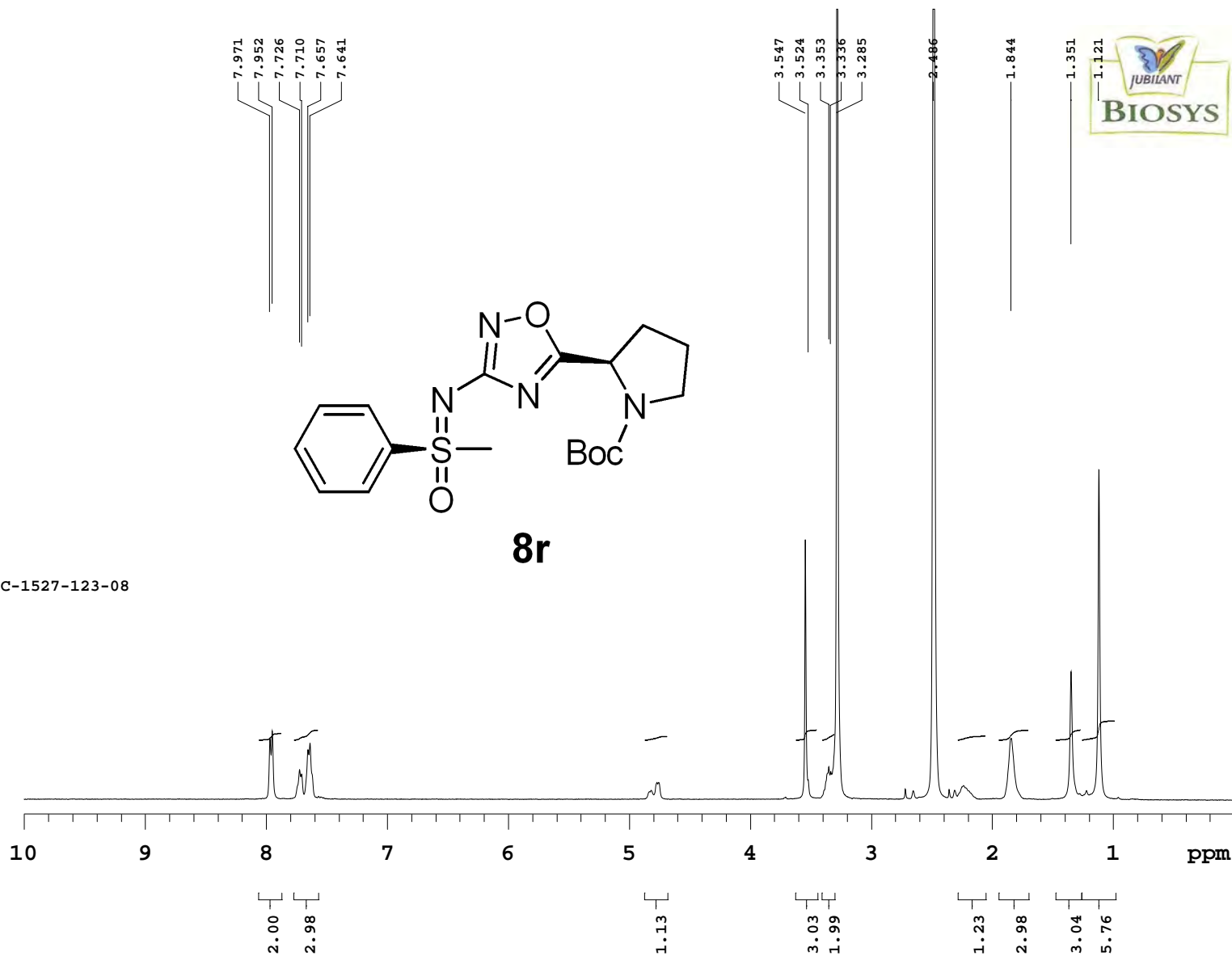
NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.95
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : May 10 2019
 TIME : 14:00:42



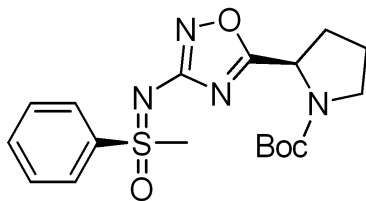
8r

NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-08
 PROBE: ATB



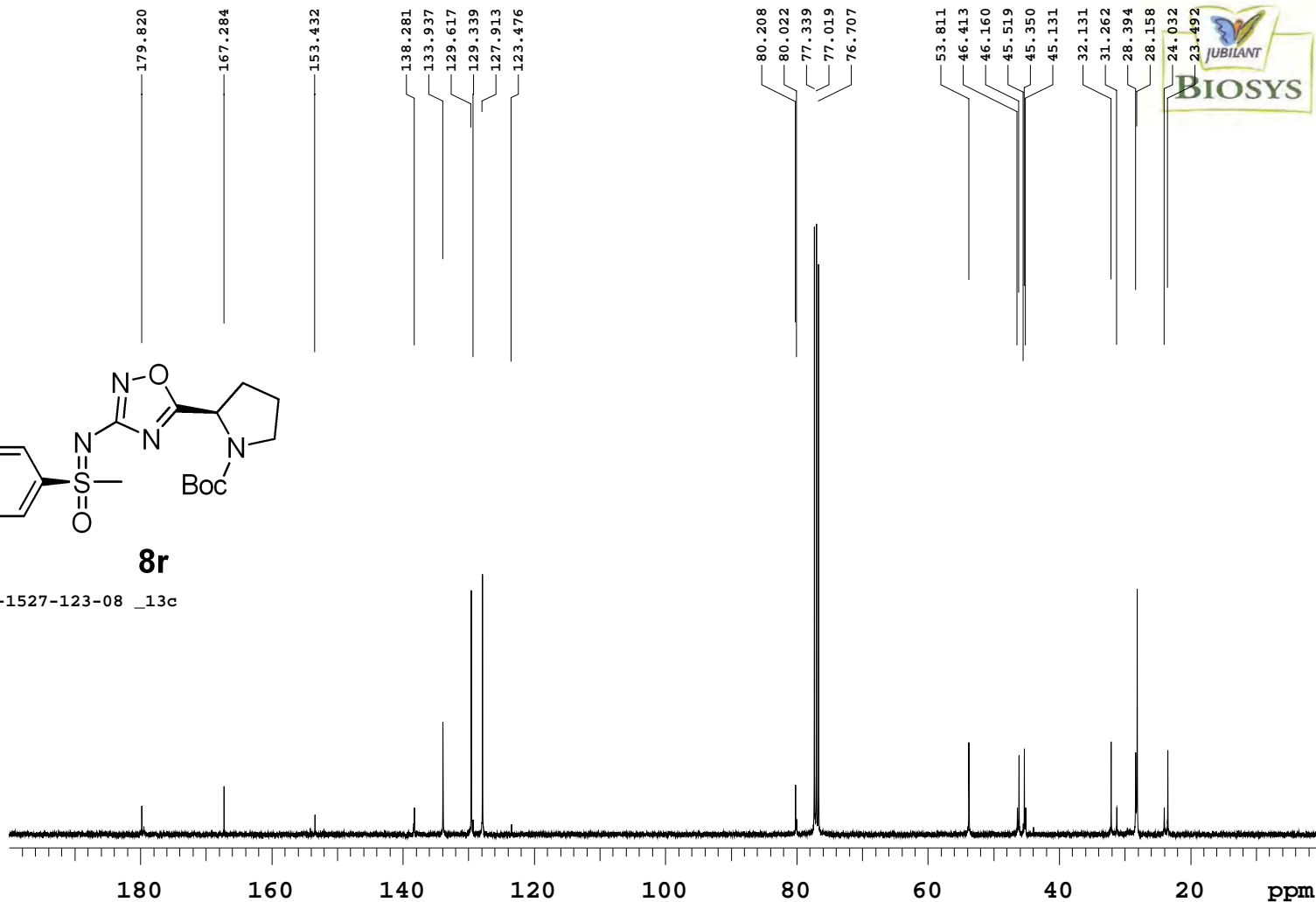
NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.40
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Mar 6 2019
 TIME : 18:59:39



8r

PROJECT NAME : JBPHD1-JBL-C-1527-123-08 _13c

PROBE: ATB



JUBILANT BIOSYS, BANGALORE

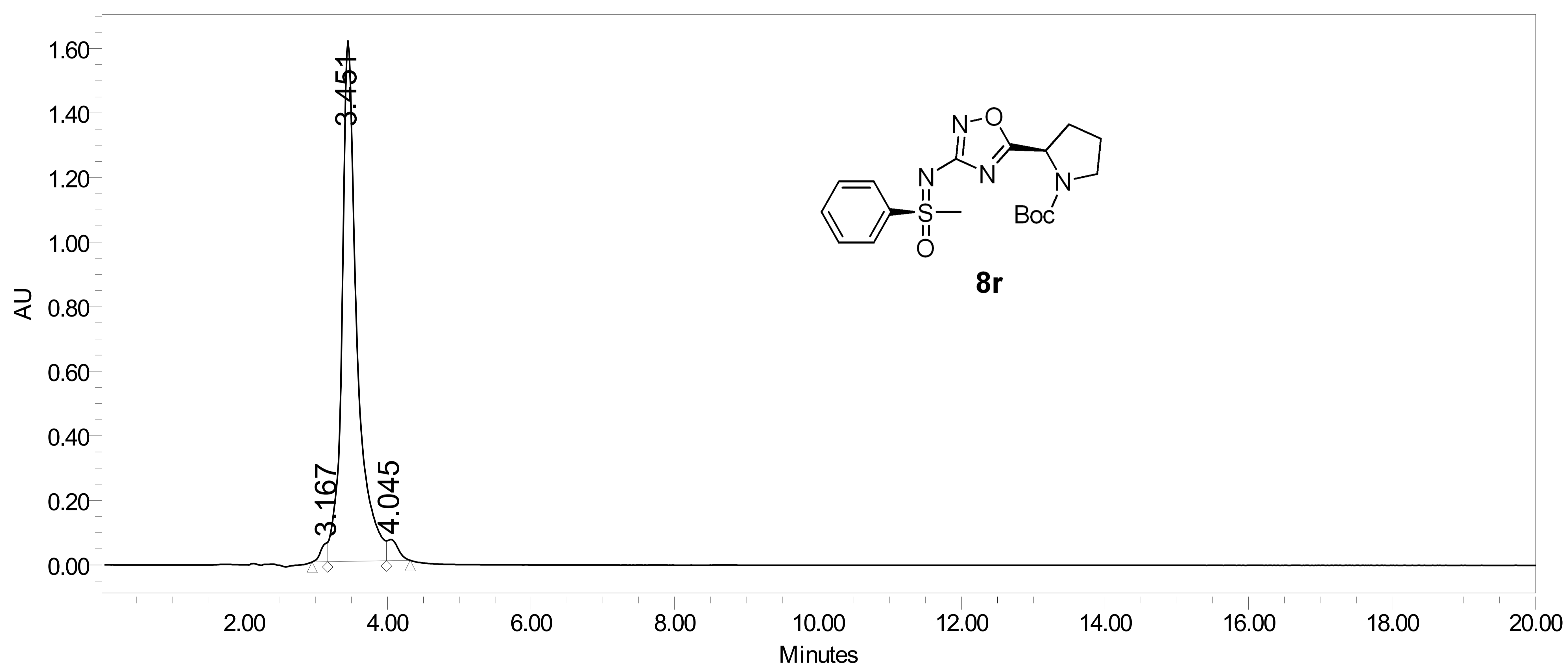
Sample Name: JBPHD1-JBL-C-1527-123-08 Processing Method: Ethanol With 0.1% DEA
Test Type: HPLC/PDA Done by : VINOD KUMAR
Sample Set Name: Ethanol With 0.1% DEA Vial: 101
Injection Volume: 12.00 ul Proc. Chnl. Descr.: W2996 PDA 254.0 nm (PDA)
Date Acquired: 5/10/2019 3:36:55 PM IST Date Processed: 5/10/2019 4:21:35 PM IST

Analytical conditions:

Column : CHIRALPAK IA (100 mm X 4.6mm X 3mic)

Mobile phase : Ethanol With 0.1% DEA

Flow rate : 0.5 mL/min



3.167	374414	1.52
3.451	23580492	95.61
4.045	708341	2.87

CONFIDENTIAL

JUBILANT BIOSYS, BANGALORE

Sample Name: JBPHD1-JBL-C-1527-123-08 Processing Method: X-Bridge_Ammonia_ACN
Test Type: HPLC/PDA Done by: Vinod kumar
Sample Set Name: X-Bridge_Ammonia_ACN Vial: 106
Injection Volume: 12.00 ul Proc. Chnl. Descr.: 254nm
Date Acquired: 5/10/2019 2:05:51 PM IST Date Processed: 5/10/2019 2:38:39 PM IST

Analytical Conditions:

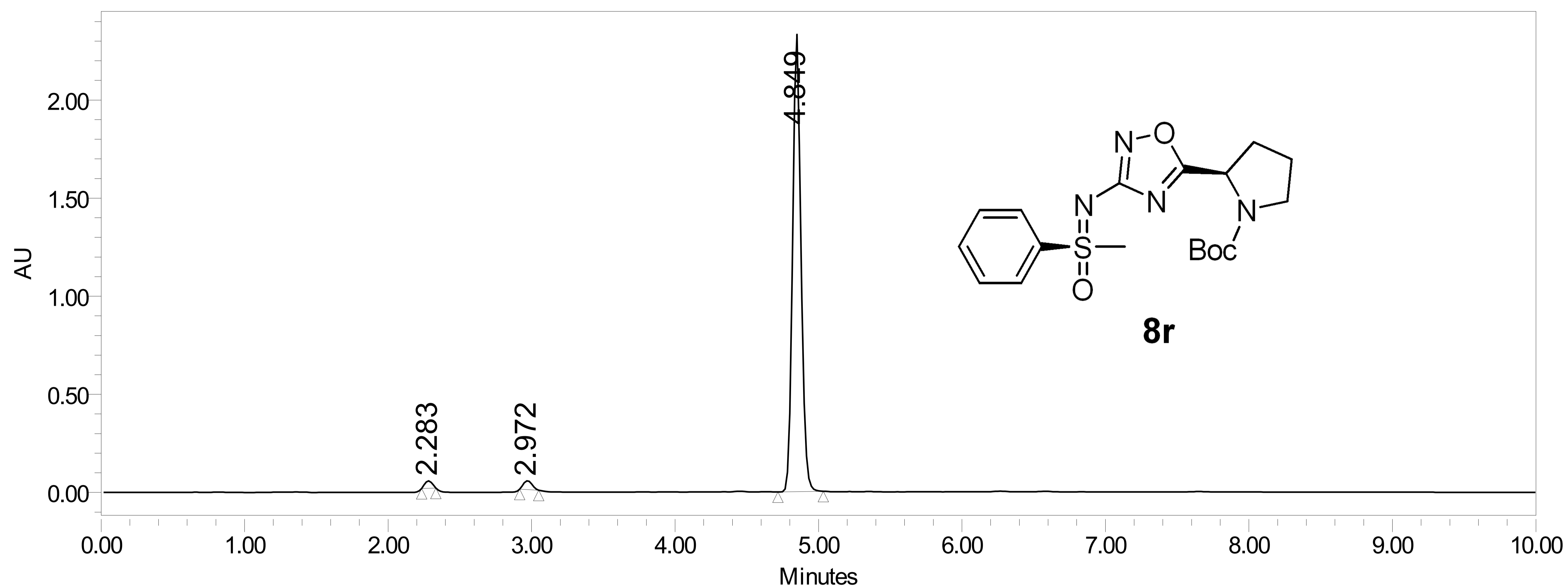
Column : X-Bridge C18 (100mm X 4.6mm X 3.5mic)

Mobile phase(A) : 0.1% Ammonia in water

Mobile phase(B) : Acetonitrile

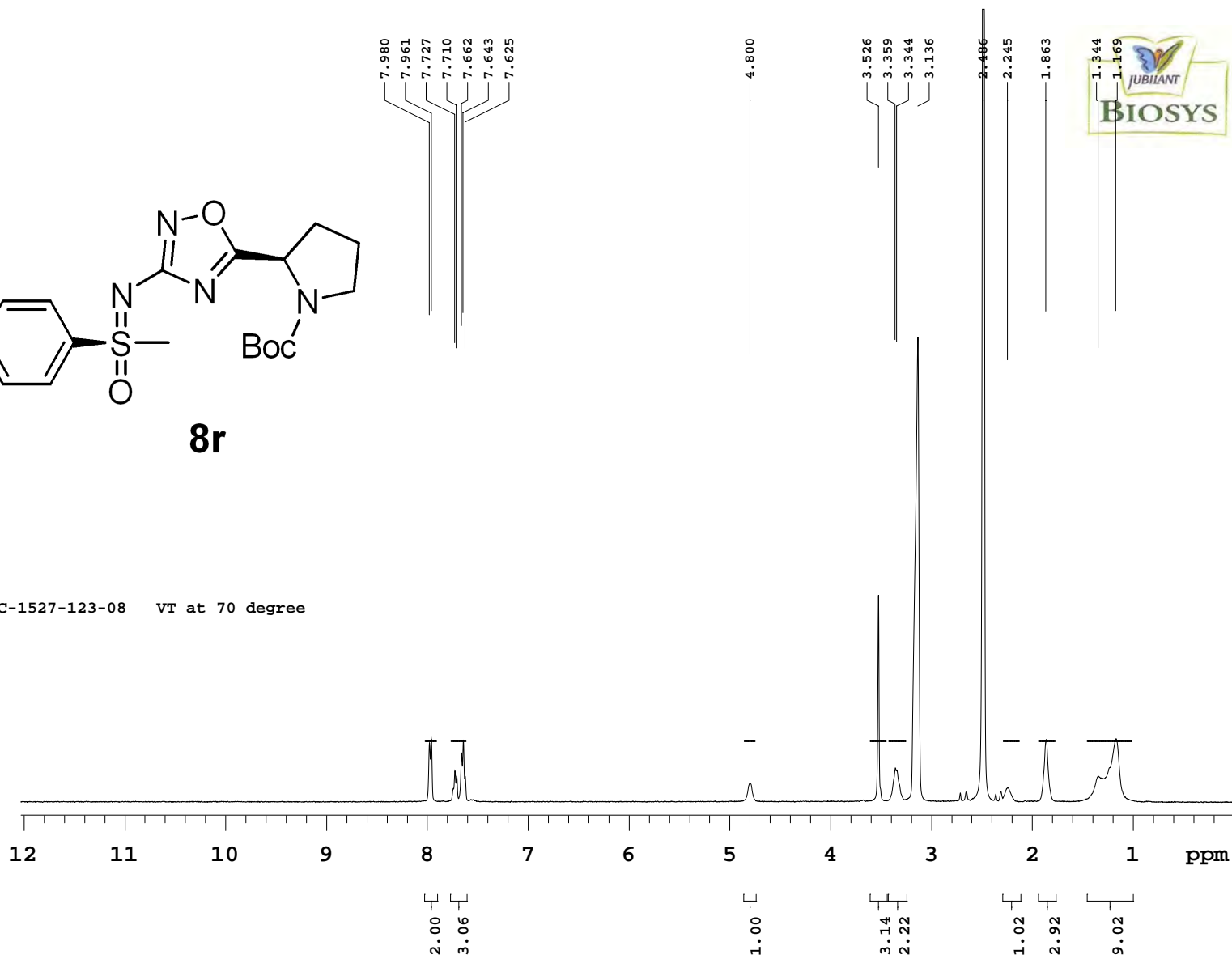
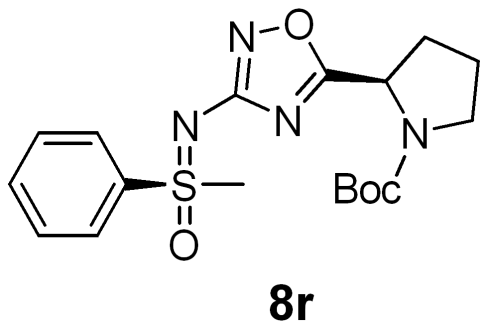
Flow rate : 1.0 mL/min

T/%B: 0/10,5/90, 7/90,8/10,10/10

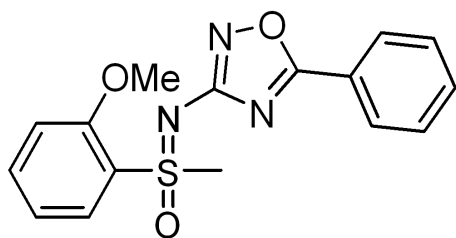


2.283	135158	1.38
2.972	188128	1.93
4.849	9448128	96.69

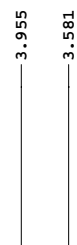
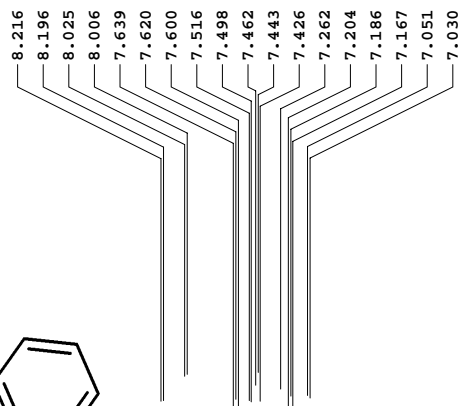
NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.95
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 343.15
 EXP : s2pul
 DATE : May 10 2019
 TIME : 17:10:04



NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 3.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Feb 12 2019
 TIME : 16:26:36



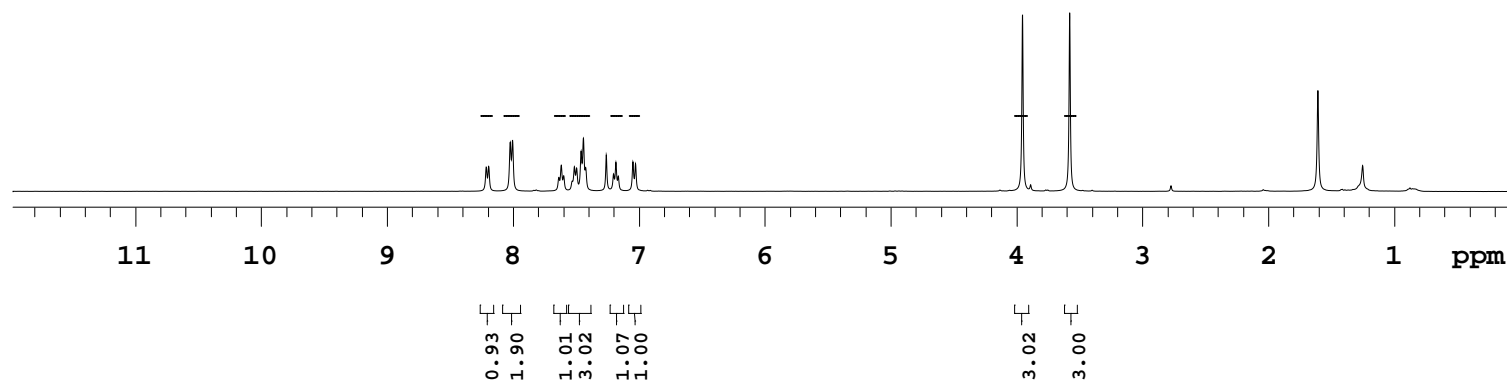
9a



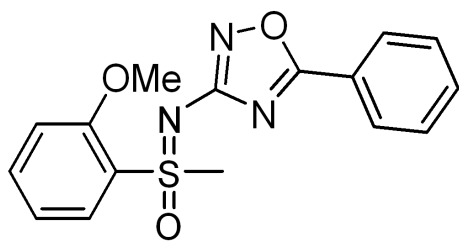
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-127-A2

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Feb 15 2019
TIME : 22:02:34

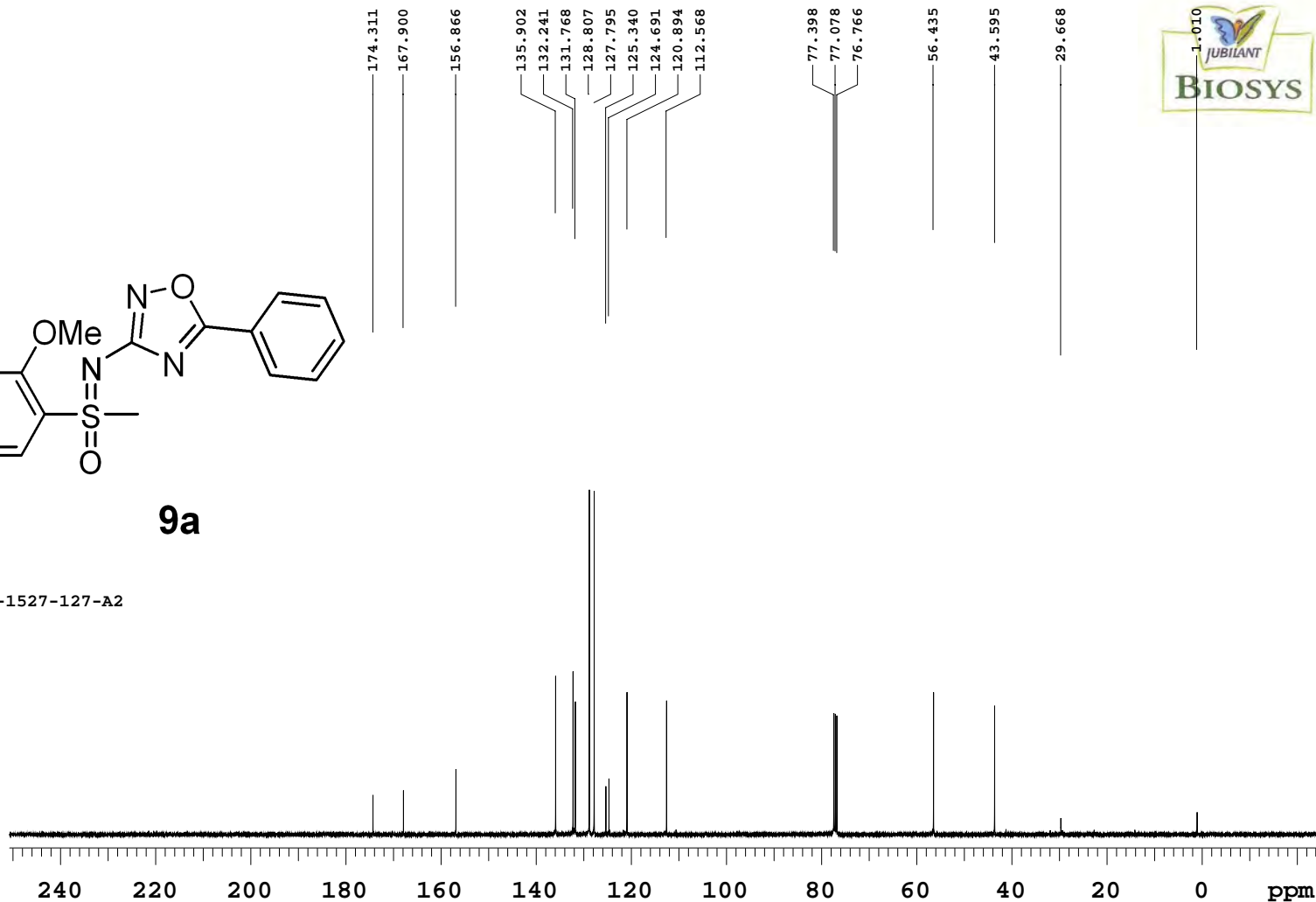


9a

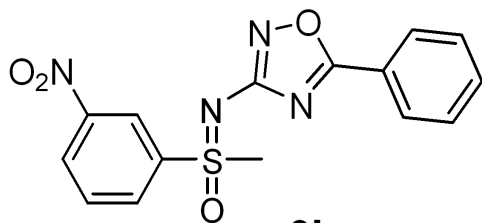
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-127-A2

PROBE: ATB



NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.95
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Mar 26 2019
 TIME : 09:25:21

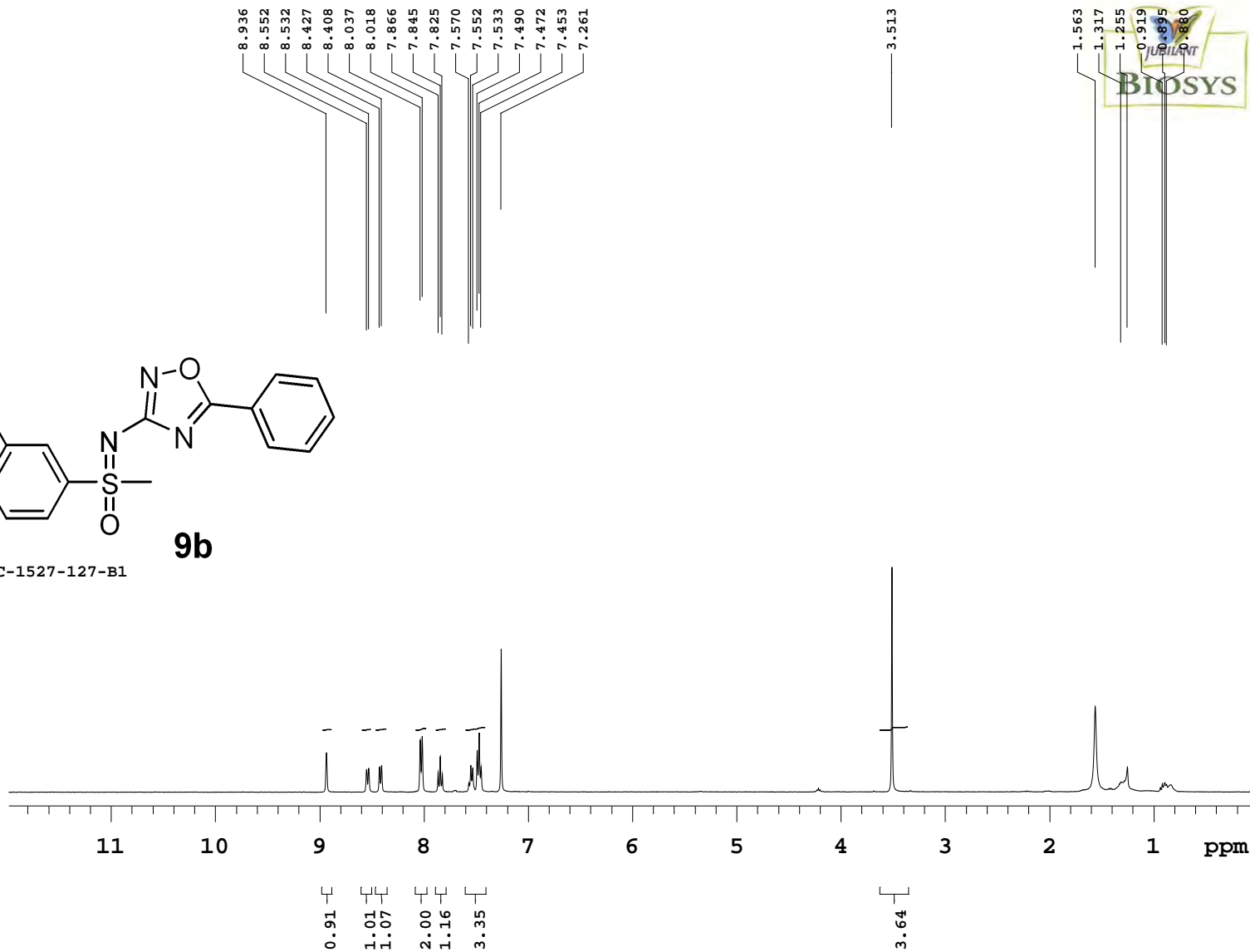


9b

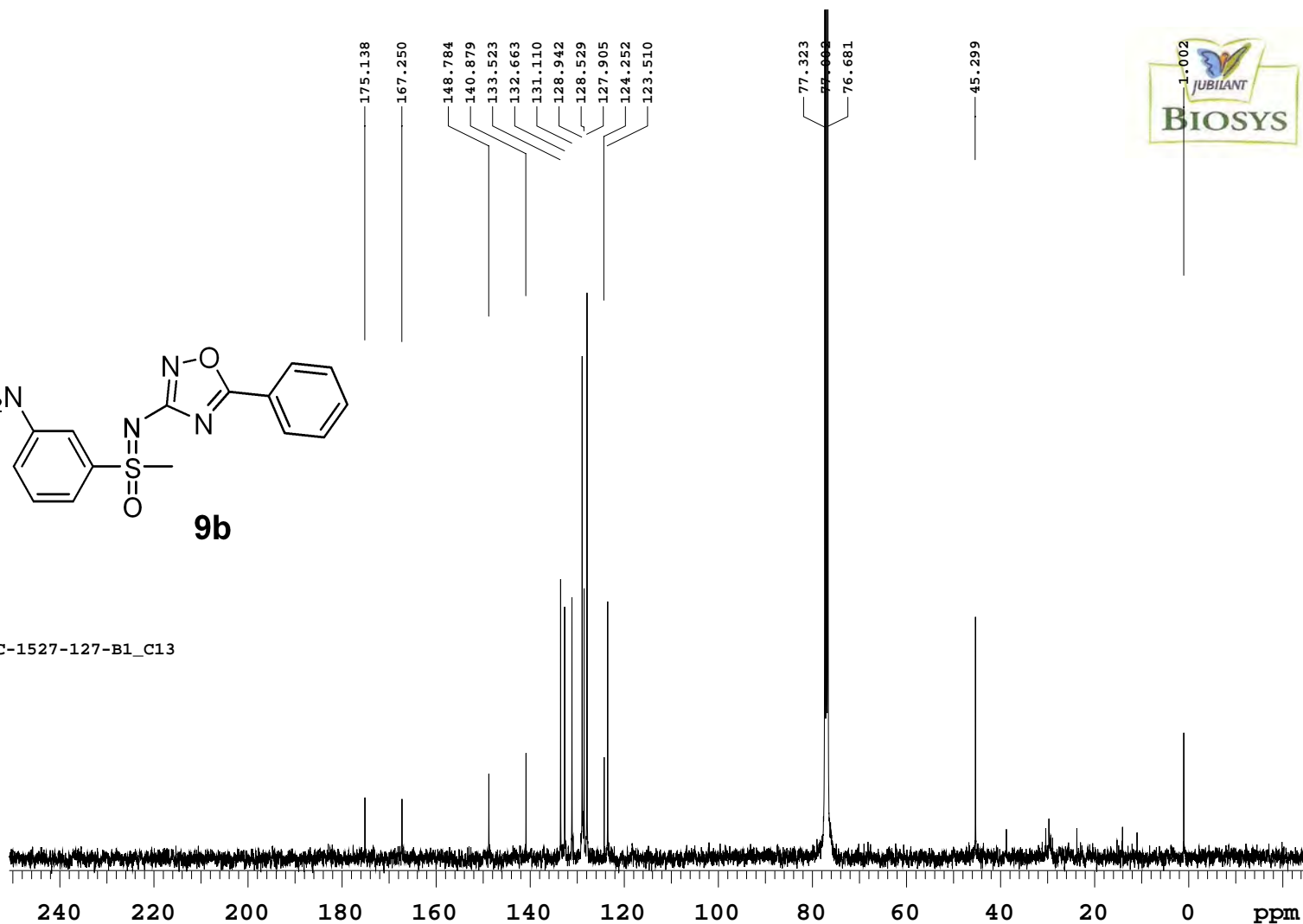
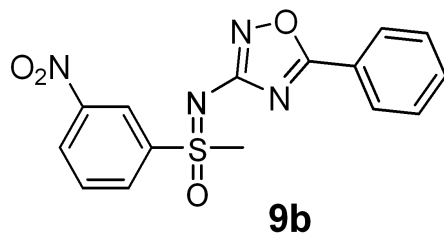
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-127-B1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Mar 26 2019
TIME : 22:00:02



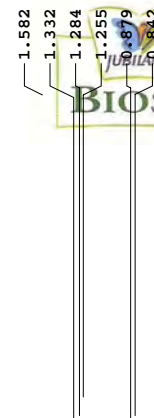
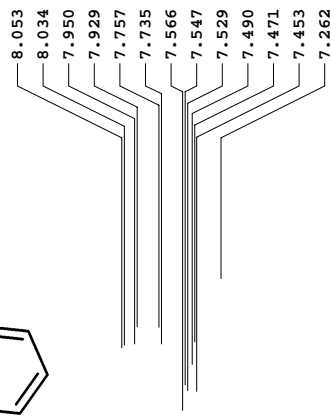
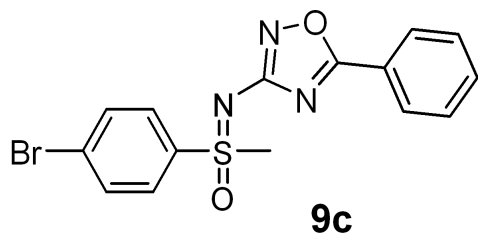
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-127-B1_C13

PROBE: ATB



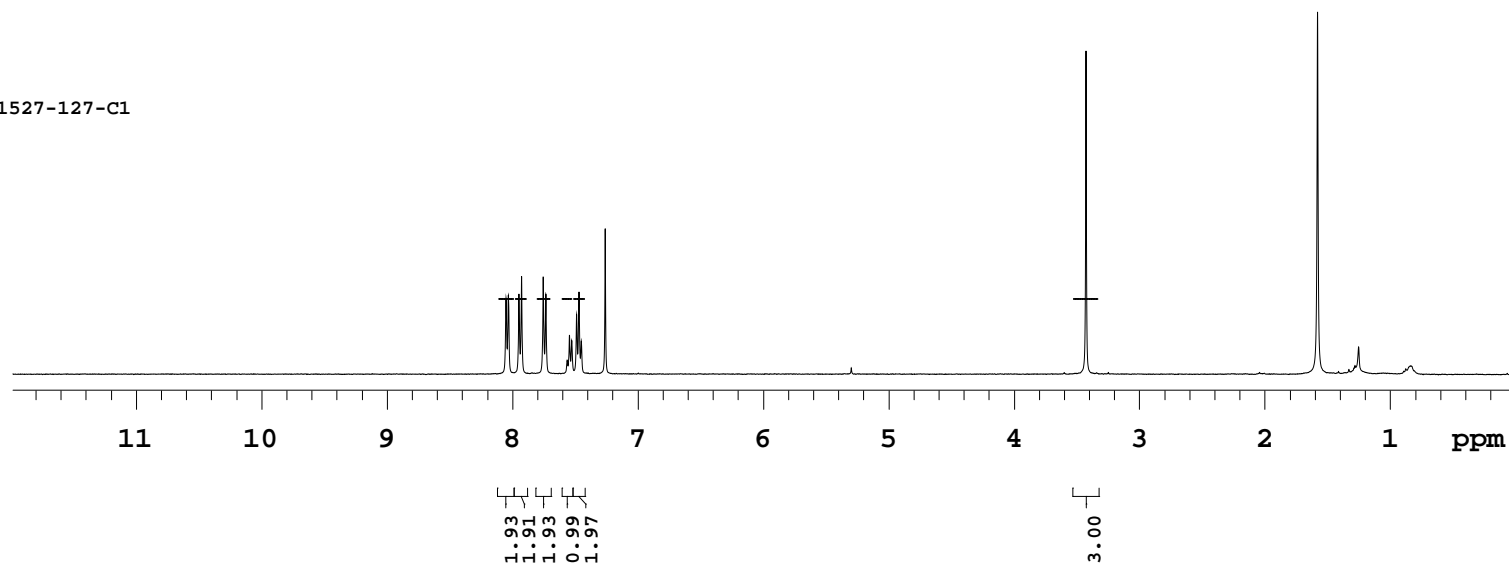
NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 4.56
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Feb 12 2019
 TIME : 09:05:55



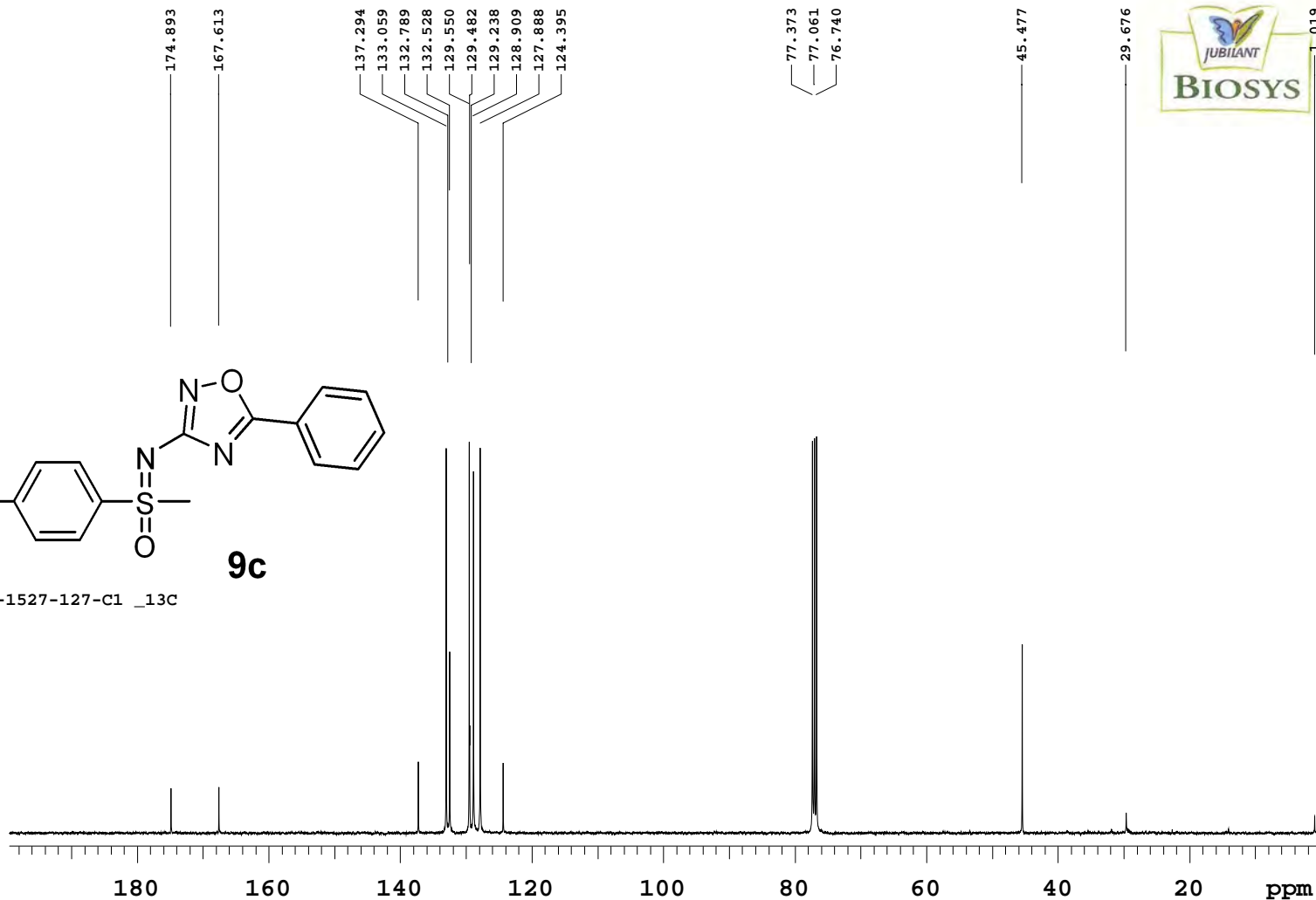
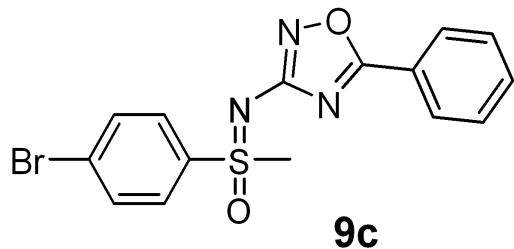
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-127-C1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Feb 13 2019
TIME : 00:55:48

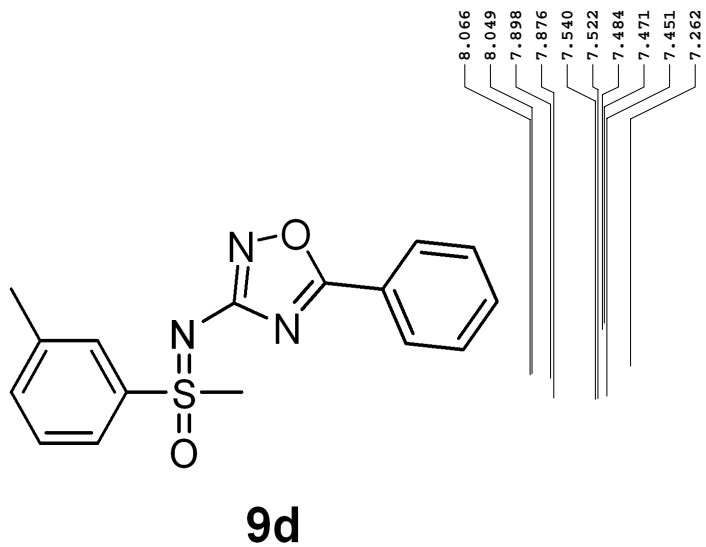


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-127-C1 _13C

PROBE: ATB

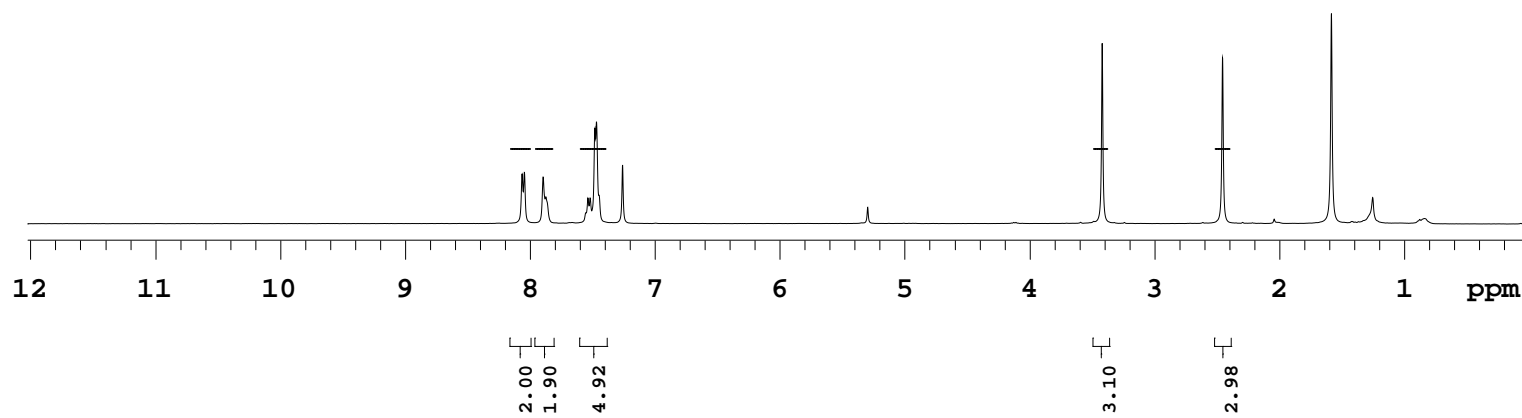
NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Feb 11 2019
TIME : 16:53:41



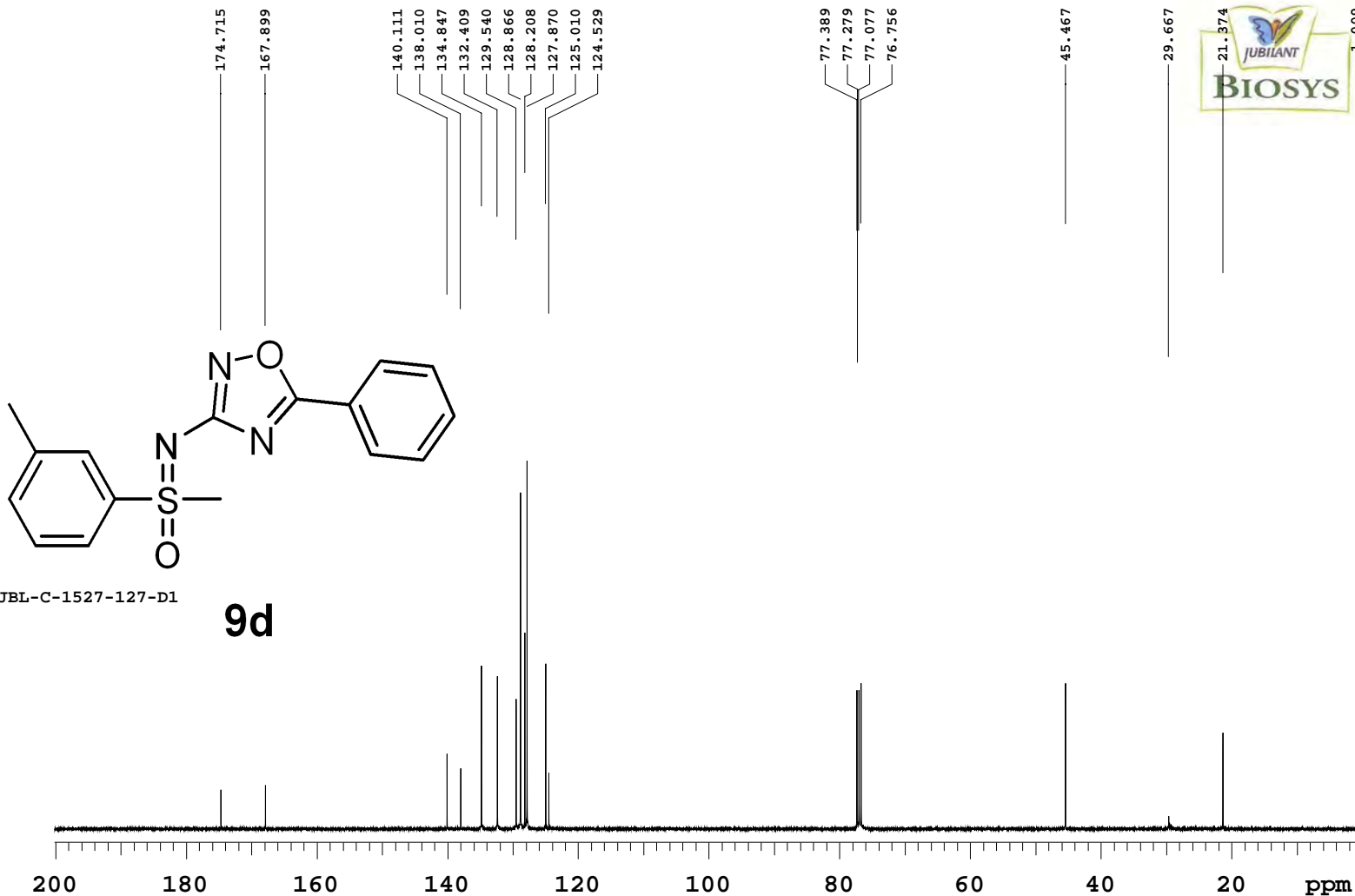
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-127-D1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Feb 12 2019
TIME : 03:21:09



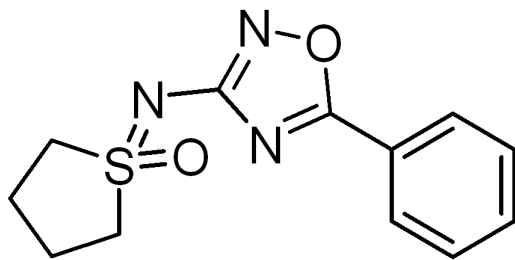
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-127-D1

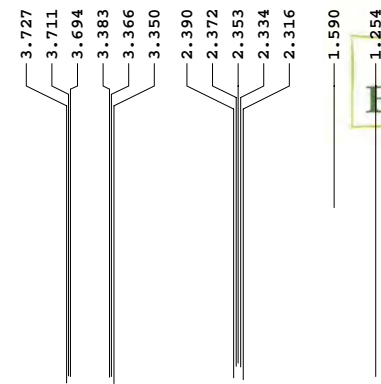
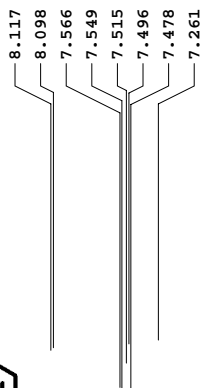
PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Feb 13 2019
TIME : 08:53:55



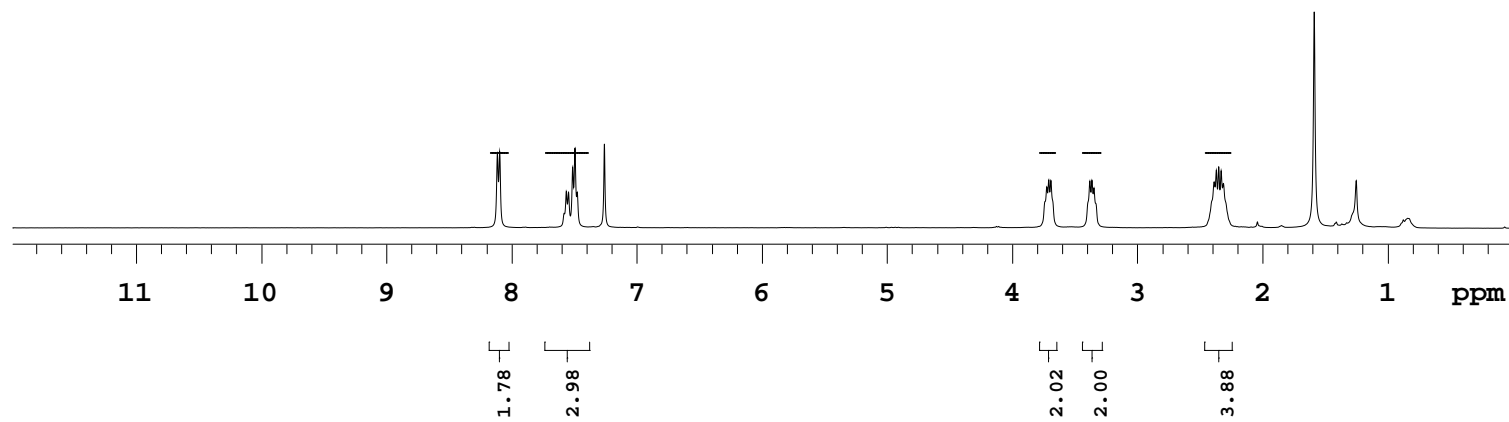
9e



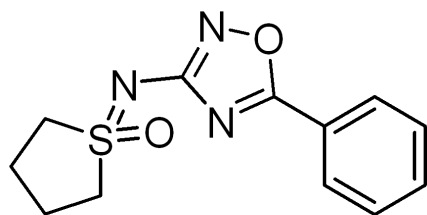
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-127-E1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Feb 16 2019
TIME : 01:11:22

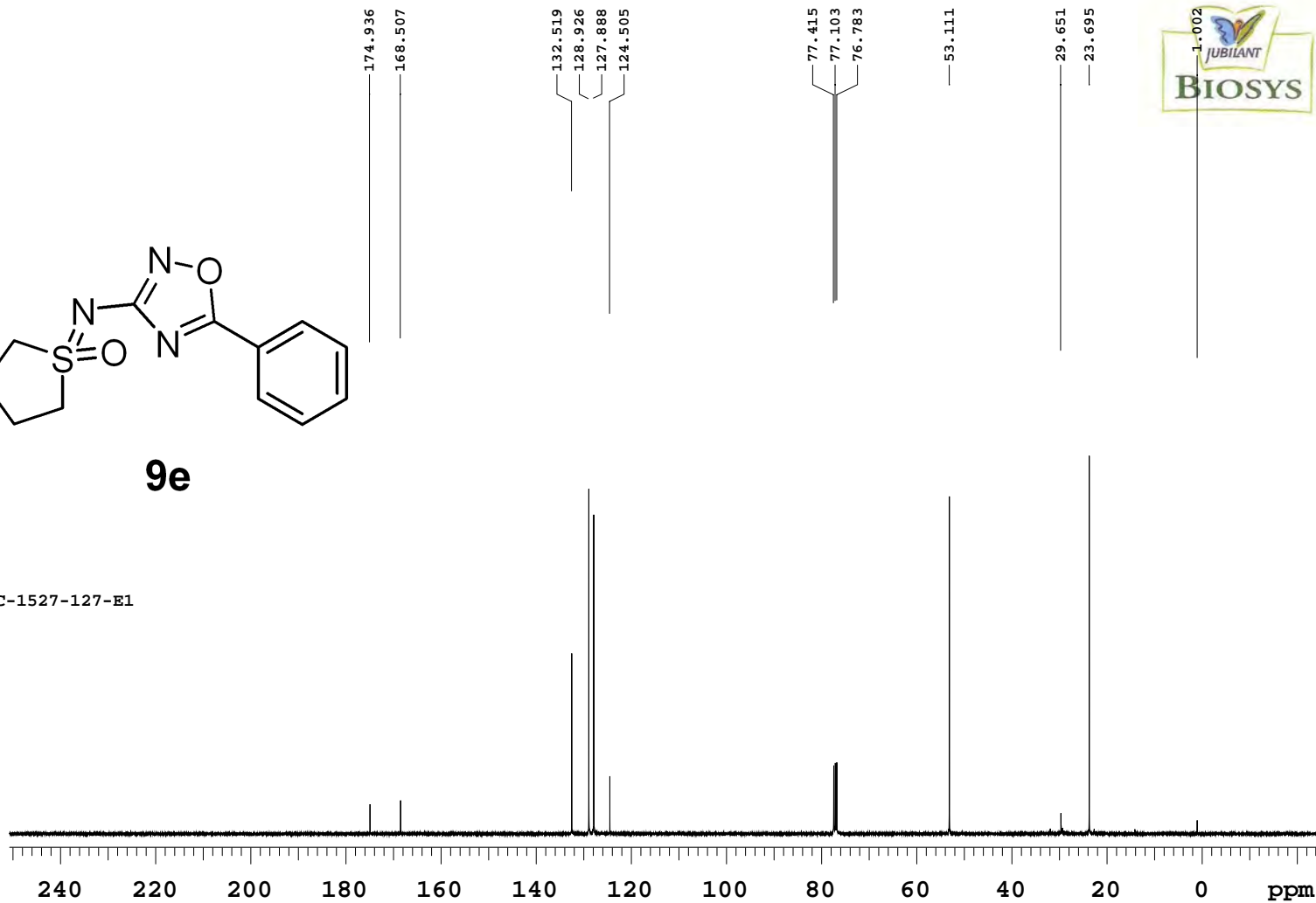


9e

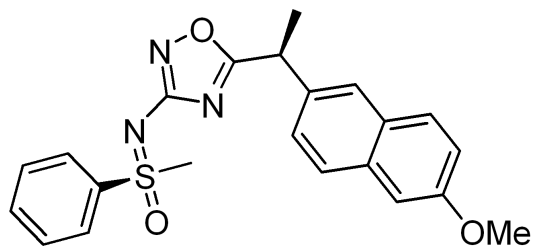
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-127-E1

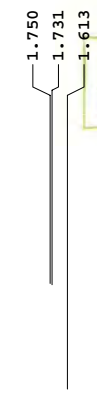
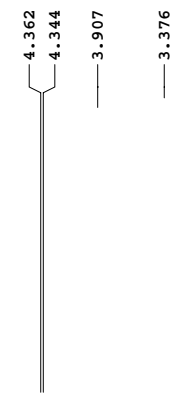
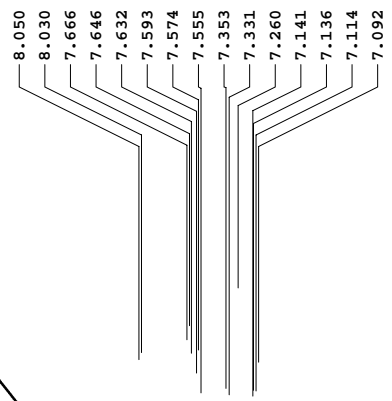
PROBE: ATB



NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 5.35
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Mar 5 2019
 TIME : 15:41:25



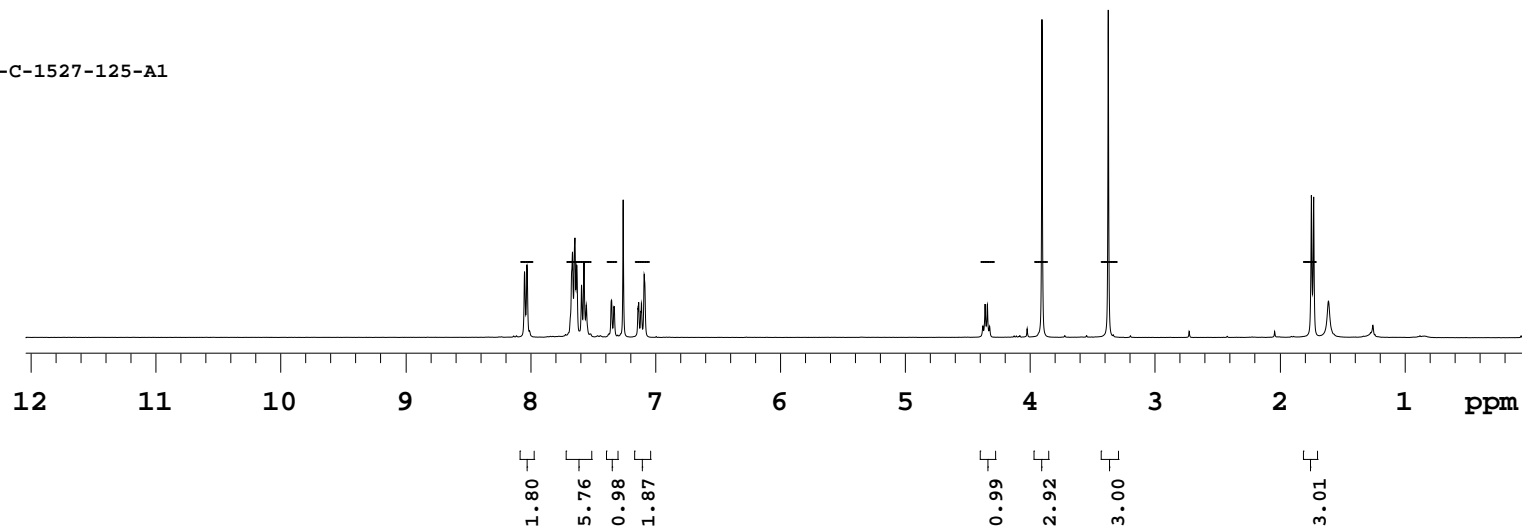
13



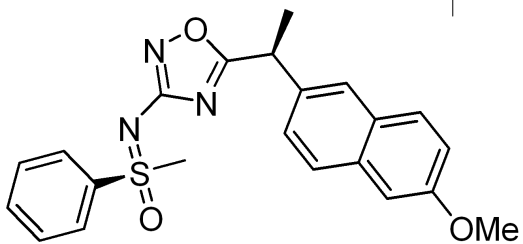
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-125-A1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.40
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Mar 5 2019
TIME : 22:35:16

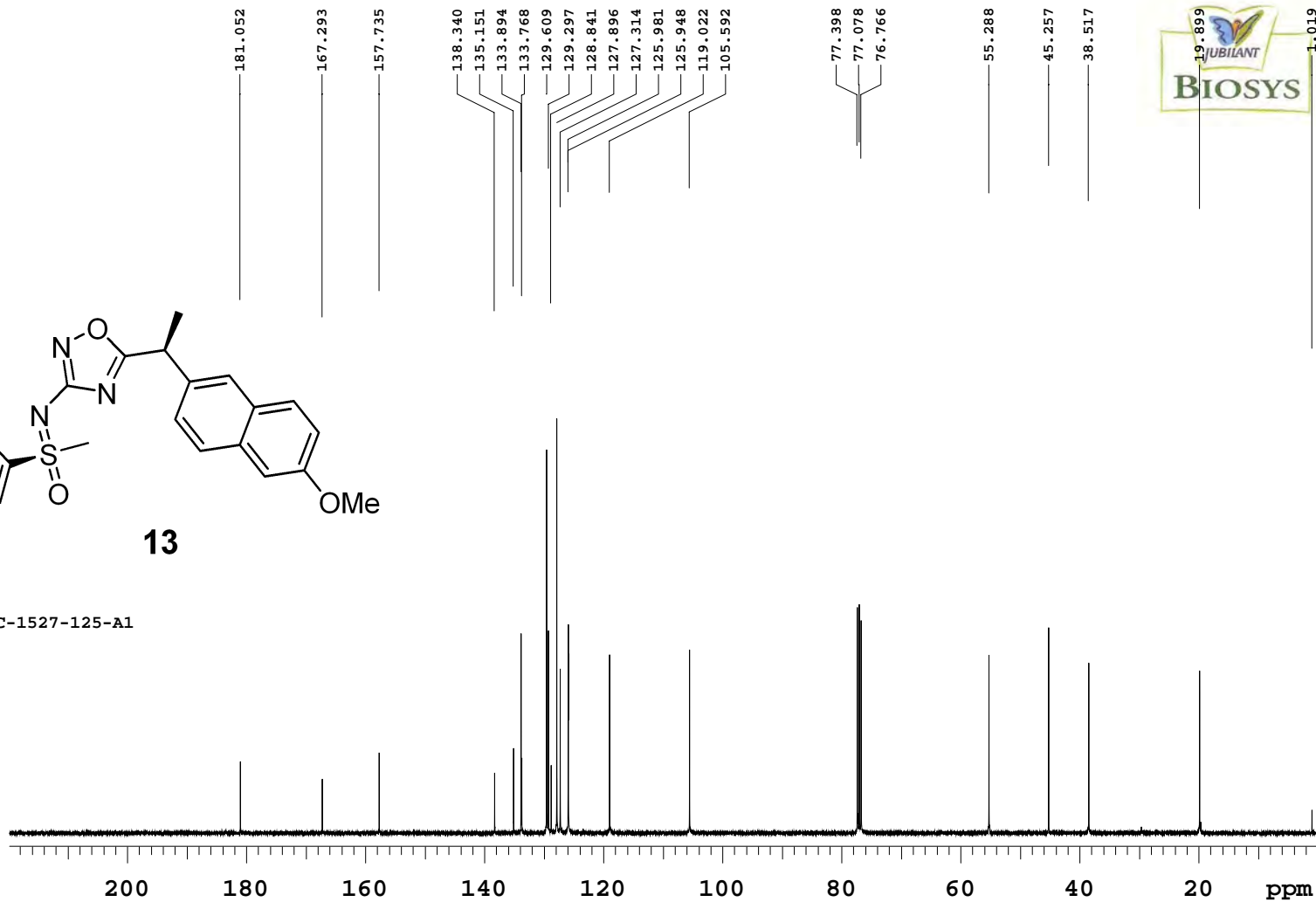


13

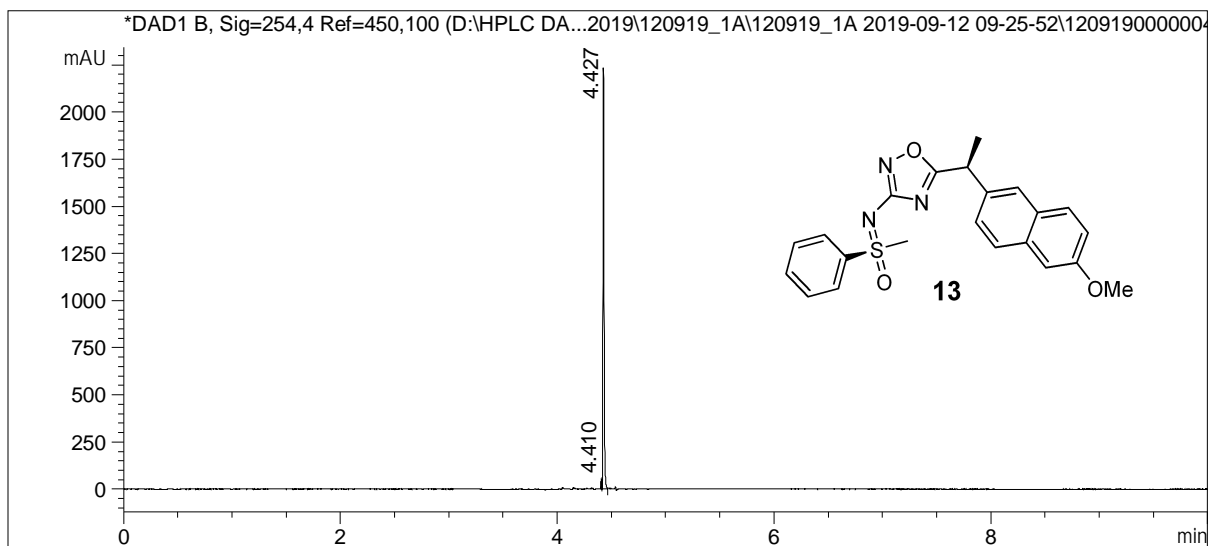
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-125-A1

PROBE: ATB



Injection Date : Thu, 12. Sep. 2019 Seq Line : 4
 Sample Name : JBPBD1-JBL-C-1527-125-A1 P2-D-03
 Acq Operator : Manjunath Inj. No. : 1
 Data file: D:\HPLC DATA-2019\SEP_2019-> Inj. Vol. : 1 µl
 Injection Time 9:59:56 AM
 Acq. Method : D:\HPLC DATA-2019\Sep_2019\120919_1A\120919_1A 2019-->
 Analysis Method :
 Kinetex EVO C18 (100 mm X 2.1 mm X 2.6 µm)
 Mobile phase (A) : 0.1 % Trifluoro acetic acid in Water
 Mobile phase (B) : ACN
 Flow rate : 0.75 ml/min
 B: 0/5, 3/5, 6/50, 12/90, 13/05, 15/05



Signal 1: DAD1 B, Sig=254,4 Ref=450,100

Peak #	RT [min]	Type	Width [min]	Area	Area %
1	4.410	MF	0.008	23.165	1.477
2	4.427	FM	0.012	1545.421	98.523

JUBILANT BIOSYS, BANGALORE

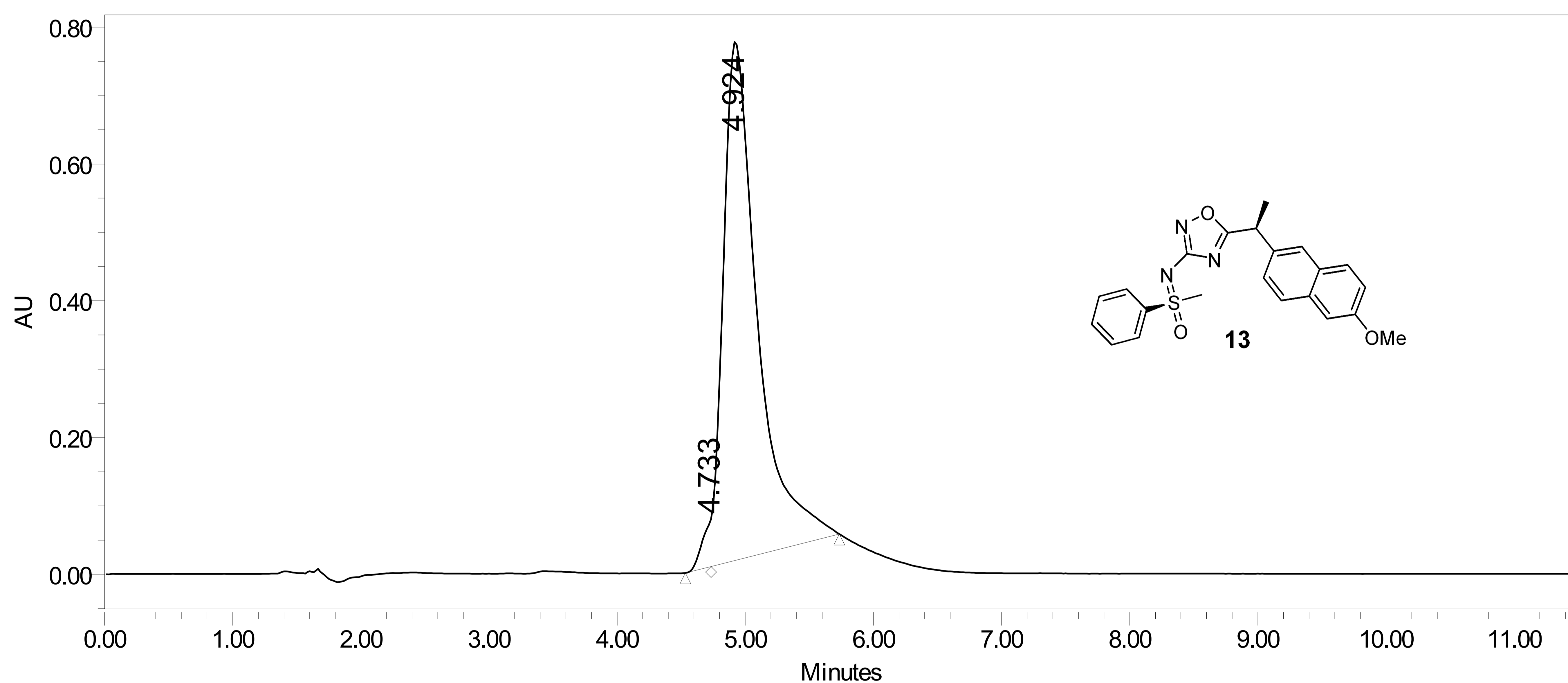
Sample Name: JBPHD1-JBL-C-1527-125-A1 Processing Method: IA_ethanol with 0.1 % DEA
Test Type: HPLC/PDA Done by : Rajeshchandran
Sample Set Name: ethanol with 0.1 % DEA Vial: 117
Injection Volume: 12.00 ul Proc. Chnl. Descr.: W2996 PDA 275.0 nm (PDA)
Date Acquired: 9/12/2019 9:55:30 AM IST Date Processed: 9/12/2019 10:07:48 AM IST

Analytical conditions:

Column :ChiralPak IA (100mm X 4.6mm X3mic)

Mobile phase : Ethanol with 0.1 % DEA

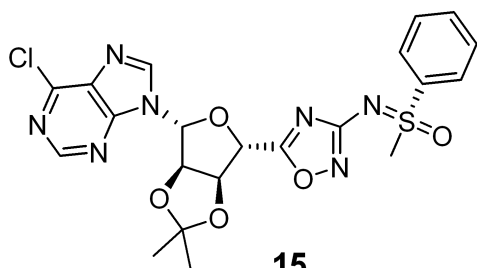
Flow rate : 0.5 mL/min



4.733	321403	2.23
4.924	14068877	97.77

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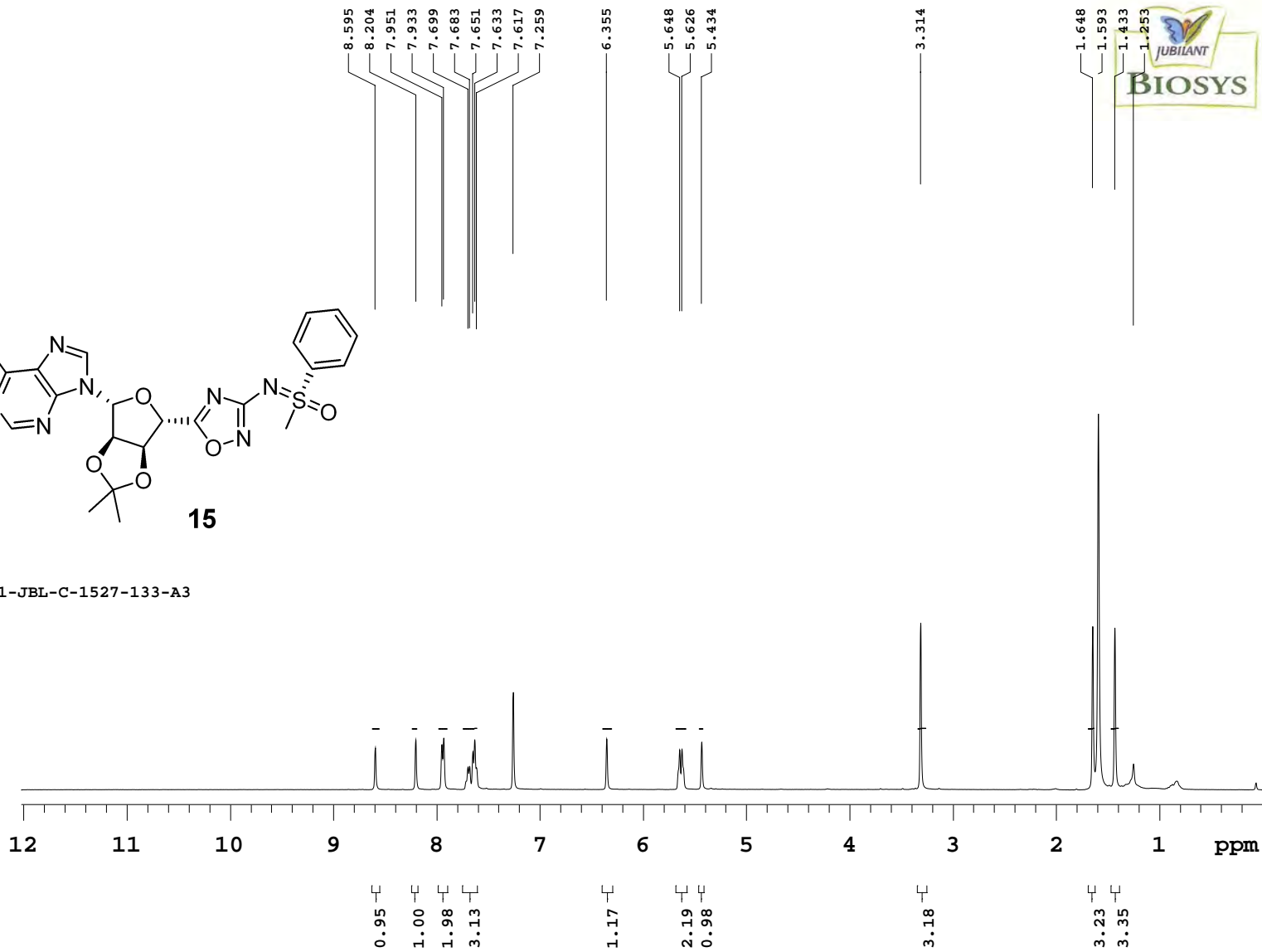
NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.60
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Jun 20 2019
 TIME : 15:29:36



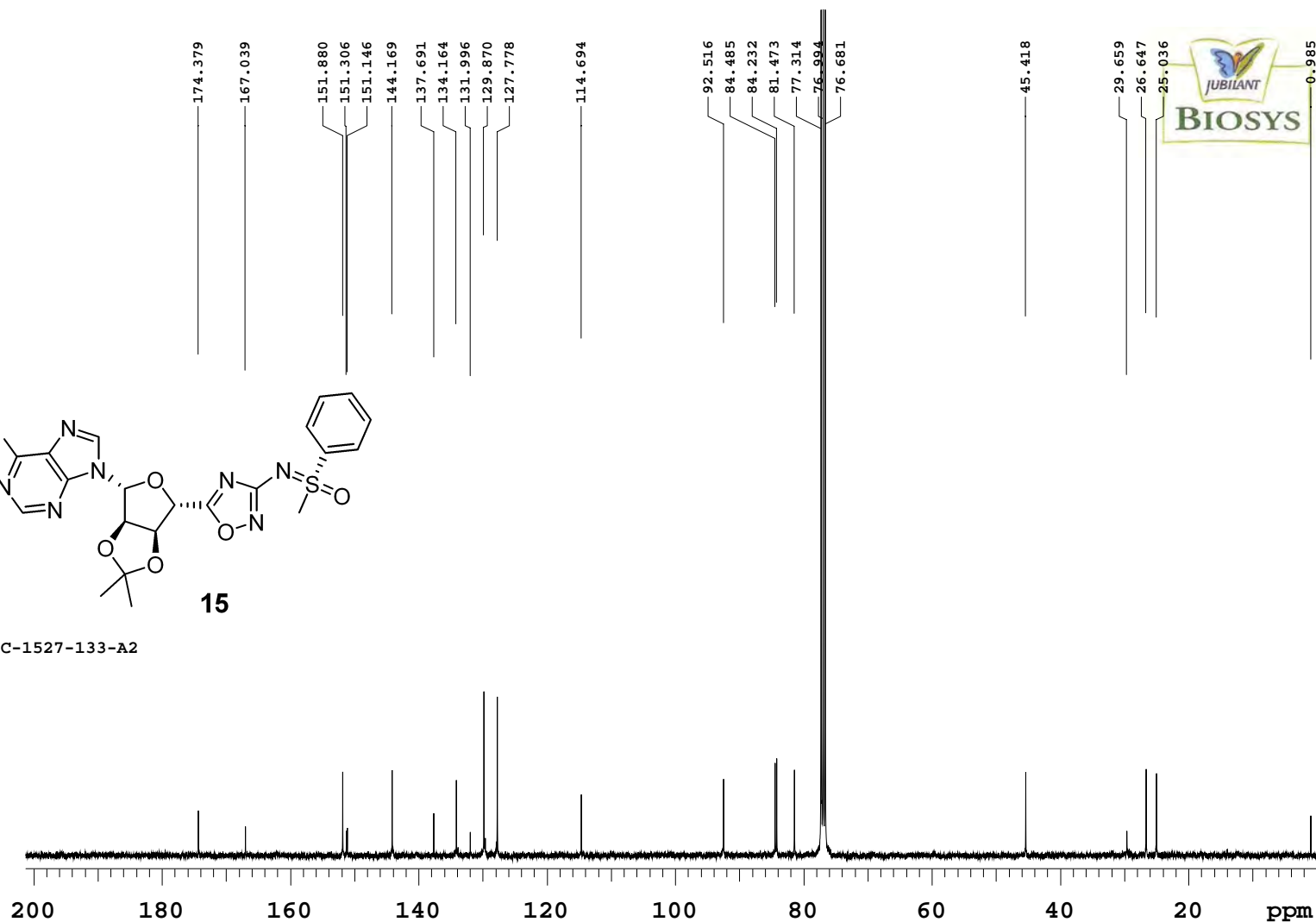
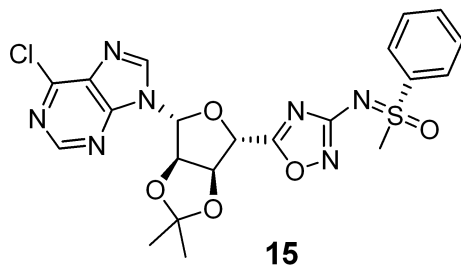
15

NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-133-A3
 PROBE: ATB



NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.45
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 2.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Apr 25 2019
 TIME : 01:30:07



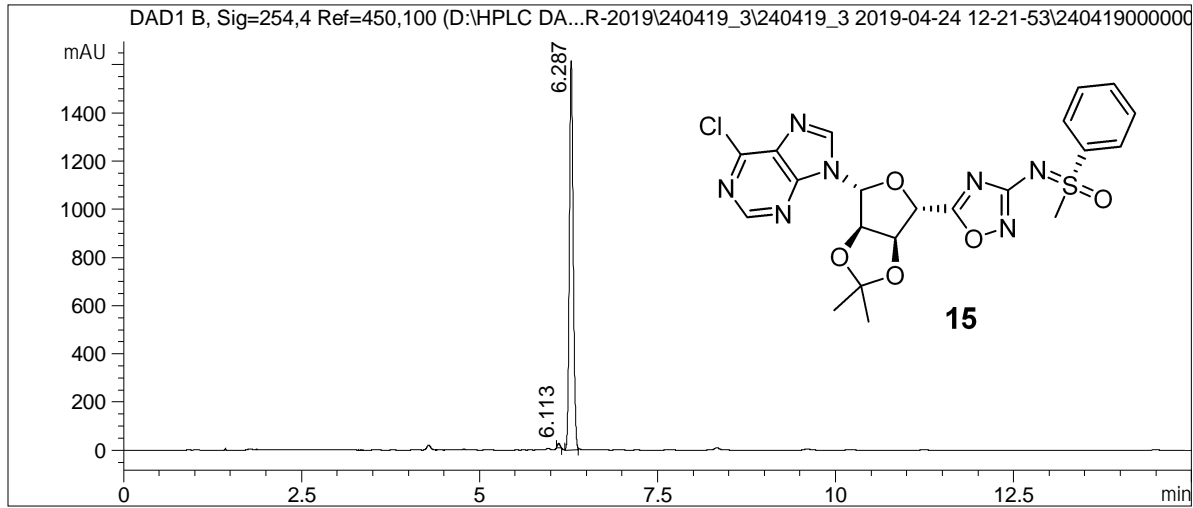
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-133-A2

PROBE: ATB

Injection Date : Wed, 24. Apr. 2019 Seq Line : 5
 Sample Name : PORMC1-JBL-C-2314-035-01 P2-B-07
 Acq Operator : Vinod kumar Inj. No. : 1
 Data file: D:\HPLC DATA-2019\APR-2019-> Inj. Vol. : 8 µl
 Injection Time : 1:33:17 PM
 Acq. Method : D:\HPLC DATA-2019\Apr-2019\240419_3\240419_3 2019-04->
 Analysis Method : C:\CHEM32\1\METHODS\000_INERTSIL_MID3000.M
 Zorbax-Eclipse XDB C18 (150 mm X 4.6 mm X 5 µm)
 Mobile phase (A) : 0.1 % Ammonia in Water
 Mobile phase (B) : ACN
 Flow rate : 1.0ml/min
 B:0/20,7/80,13/90,14/20,15/20

->



Signal 1:DAD1 B, Sig=254,4 Ref=450,100

Peak #	RT [min]	Type	Width [min]	Height	Height %
1	6.113	MM	0.041	17.797	1.089
2	6.287	MM	0.062	1616.496	98.911

JUBILANT BIOSYS, BANGALORE

Sample Name: JBPHD1-JBL-C-1527-133-A3 Processing Method: 0.1% TFA in Water
Test Type: HPLC/PDA Done by: Vinod kumar
Sample Set Name: 0.1% TFA in Water Vial: 23
Injection Volume: 12.00 ul Proc. Chnl. Descr.: 220nm
Date Acquired: 6/20/2019 5:39:32 PM IST Date Processed: 6/20/2019 6:06:22 PM IST

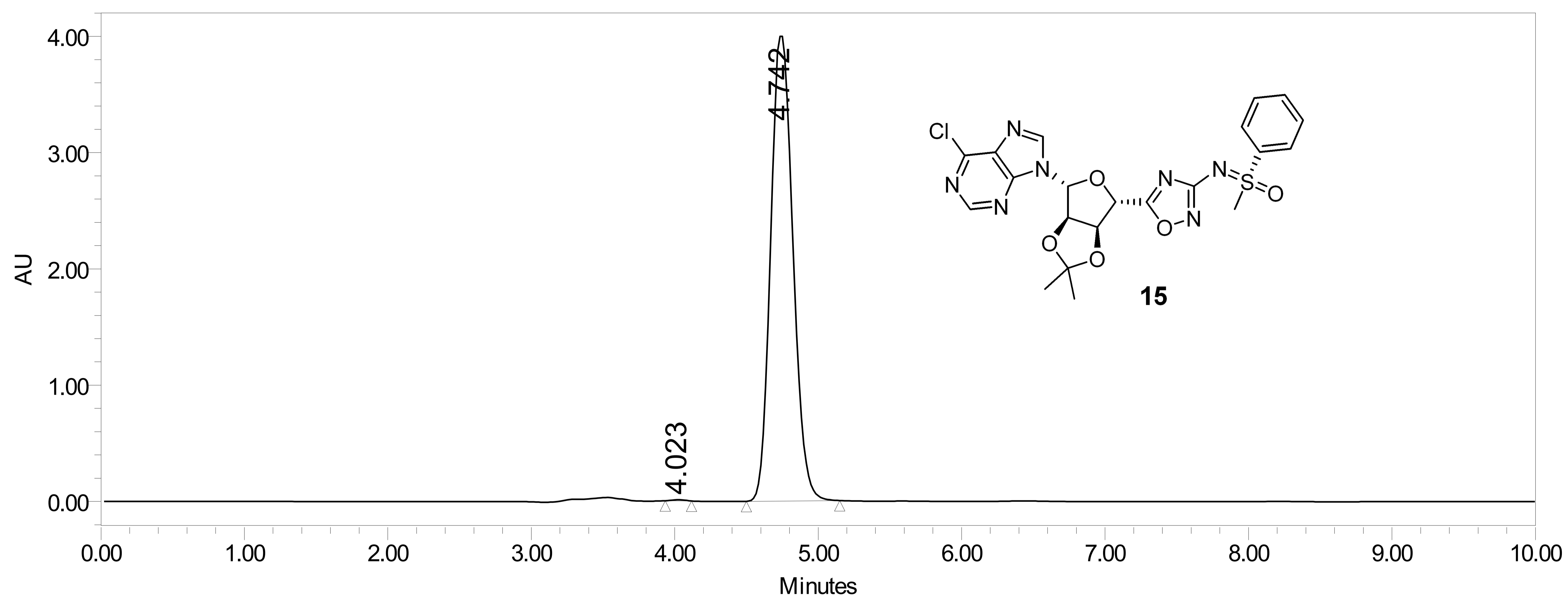
Analytical conditions:

Column :Chiralcel OJ-RH (150mm X 4.6mm X 5mic)

Mobile phase(A:B) : 0.1% TFA in Water : ACN

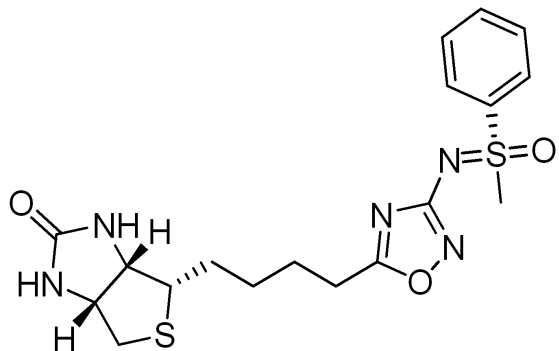
Flow rate : 0.6 mL/min

Iso cractic :(A:B) (50: 50)

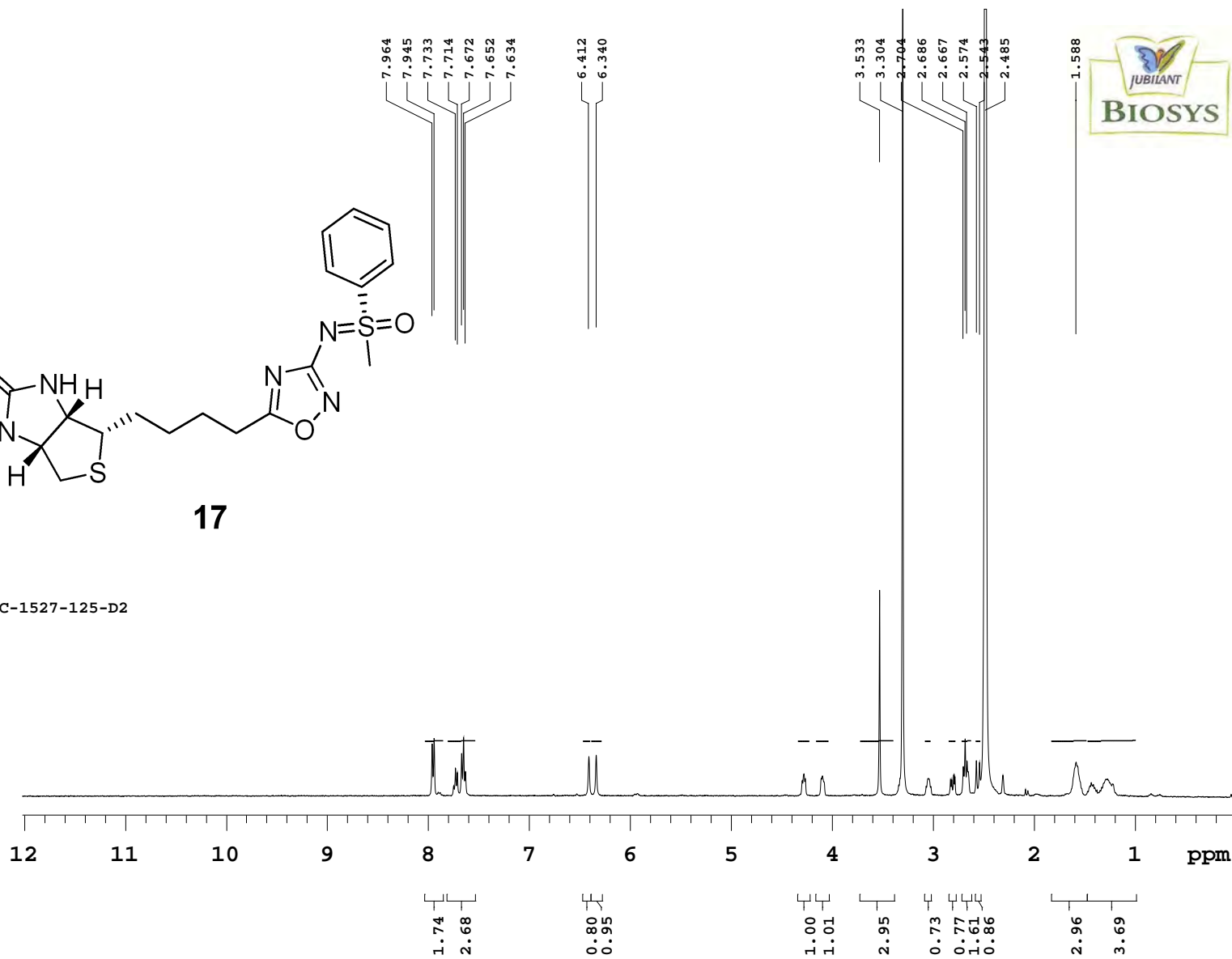


4.023	55652	0.13
4.742	43111400	99.87

NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.60
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Jun 10 2019
 TIME : 09:54:25



17



NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-125-D2
 PROBE: ATB

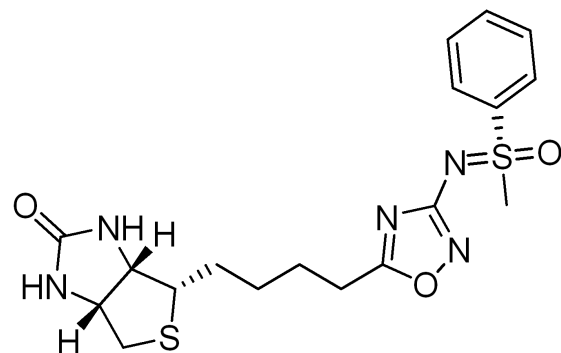
NUCLEUS : C13
 FRQ (MHz) : 100.50
 AT (sec) : 1.18
 SW (ppm) : 276.40
 RD (sec) : 1.00
 PW (usec) : 5.10
 Scans : 5000
 Solvent : cd3od
 Data Points : 65536
 LB (Hz) : 1.00
 TEMP (K) : 303.15
 EXP : s2pul
 DATE : Jun 11 2019
 System : VNMR5_400



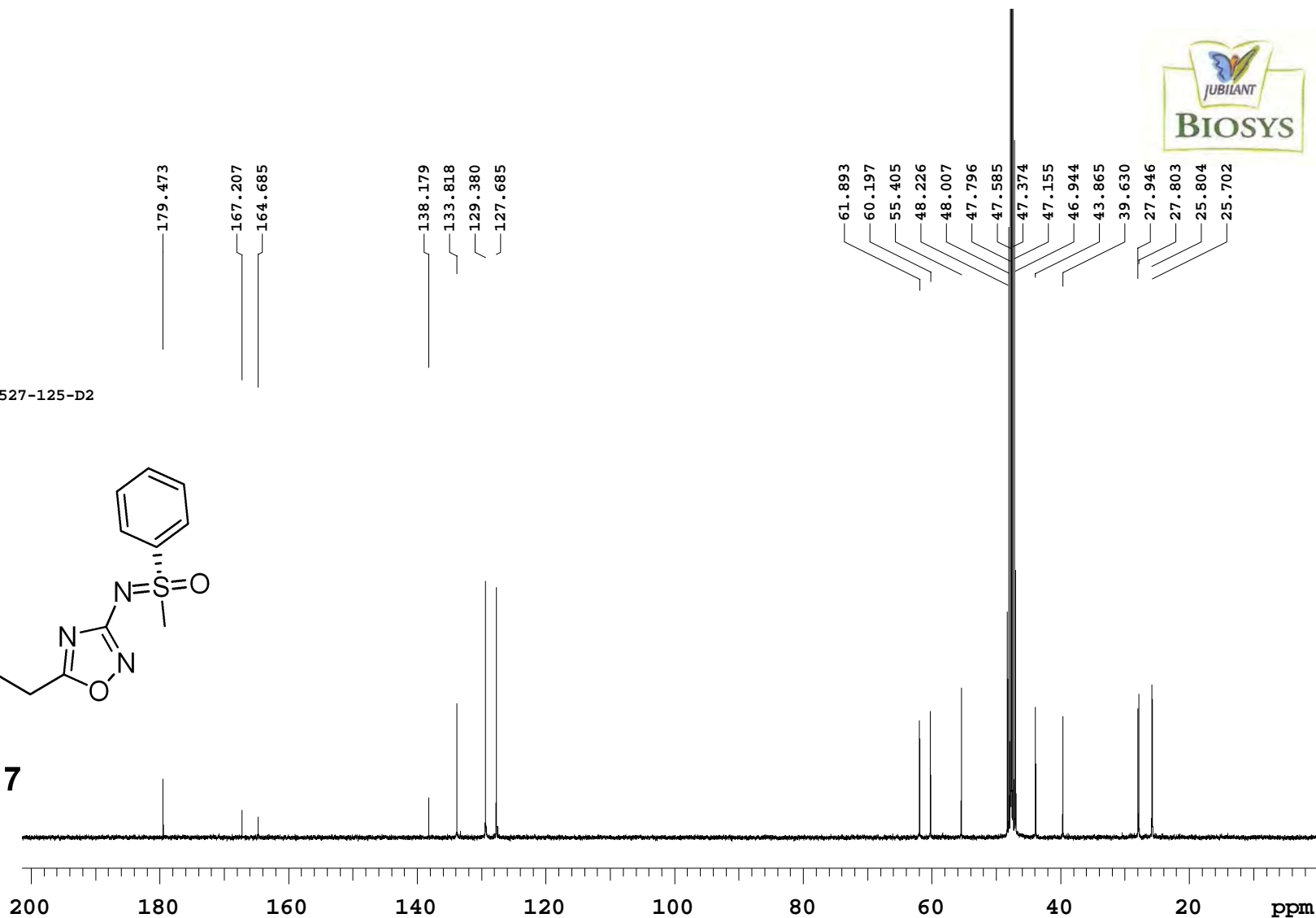
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-125-D2

PROBE: ATB



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JUBILANT BIOSYS, BANGALORE

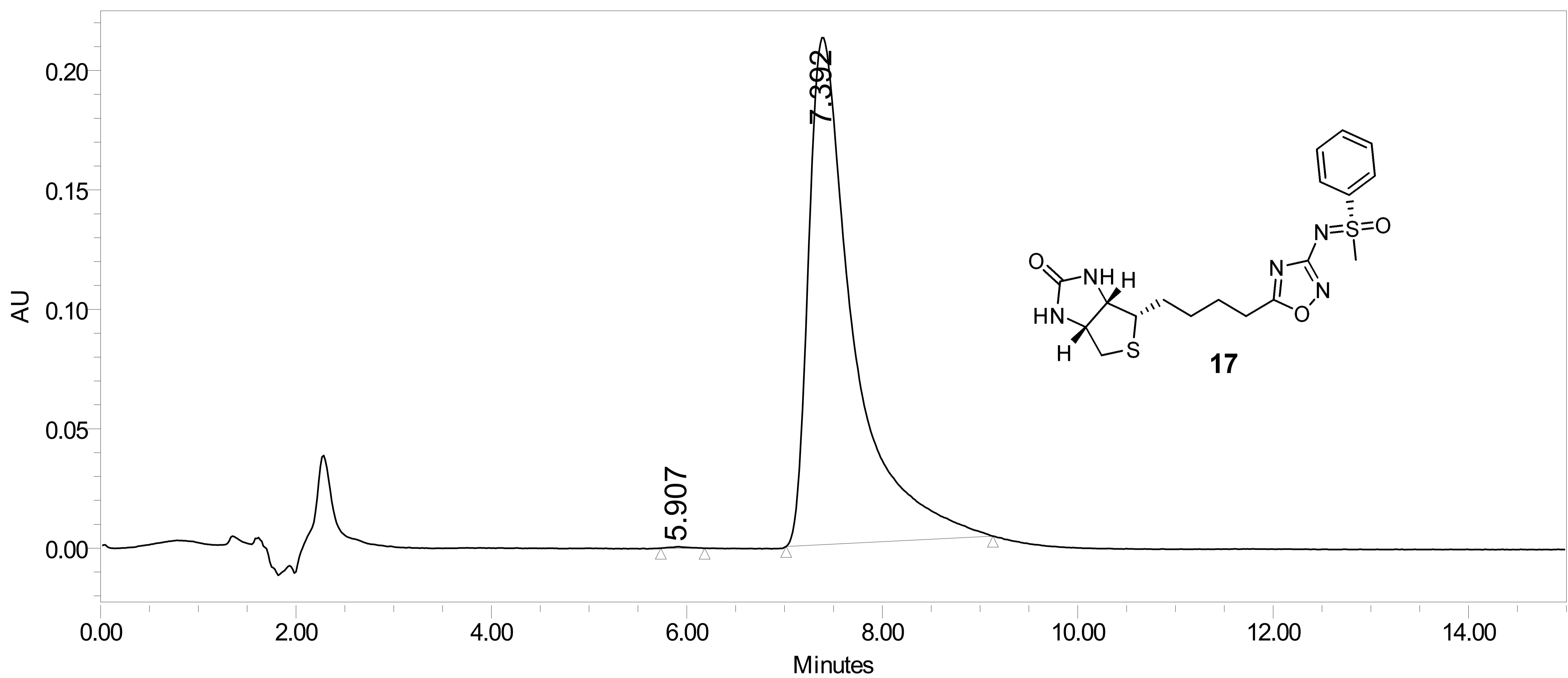
Sample Name: JBPHD1-JBL-C-1527-125-D2 Processing Method: IA_ethanol with 0.1 % DEA
Test Type: HPLC/PDA Done by : Rajeshchandran
Sample Set Name: ethanol with 0.1 % DEA Vial: 116
Injection Volume: 12.00 ul Proc. Chnl. Descr.: W2996 PDA 235.0 nm (PDA)
Date Acquired: 9/12/2019 9:39:29 AM IST Date Processed: 9/12/2019 9:59:23 AM IST

Analytical conditions:

Column :ChiralPak IA (100mm X 4.6mm X3mic)

Mobile phase : Ethanol with 0.1 % DEA

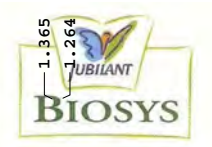
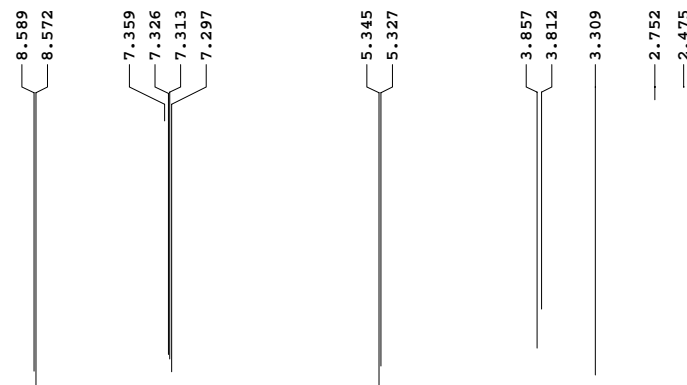
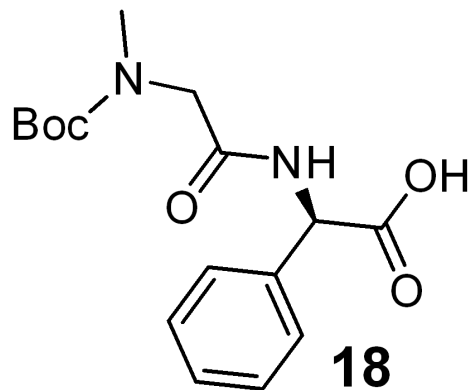
Flow rate : 0.5 mL/min



5.907	6462	0.10
7.392	6755953	99.90

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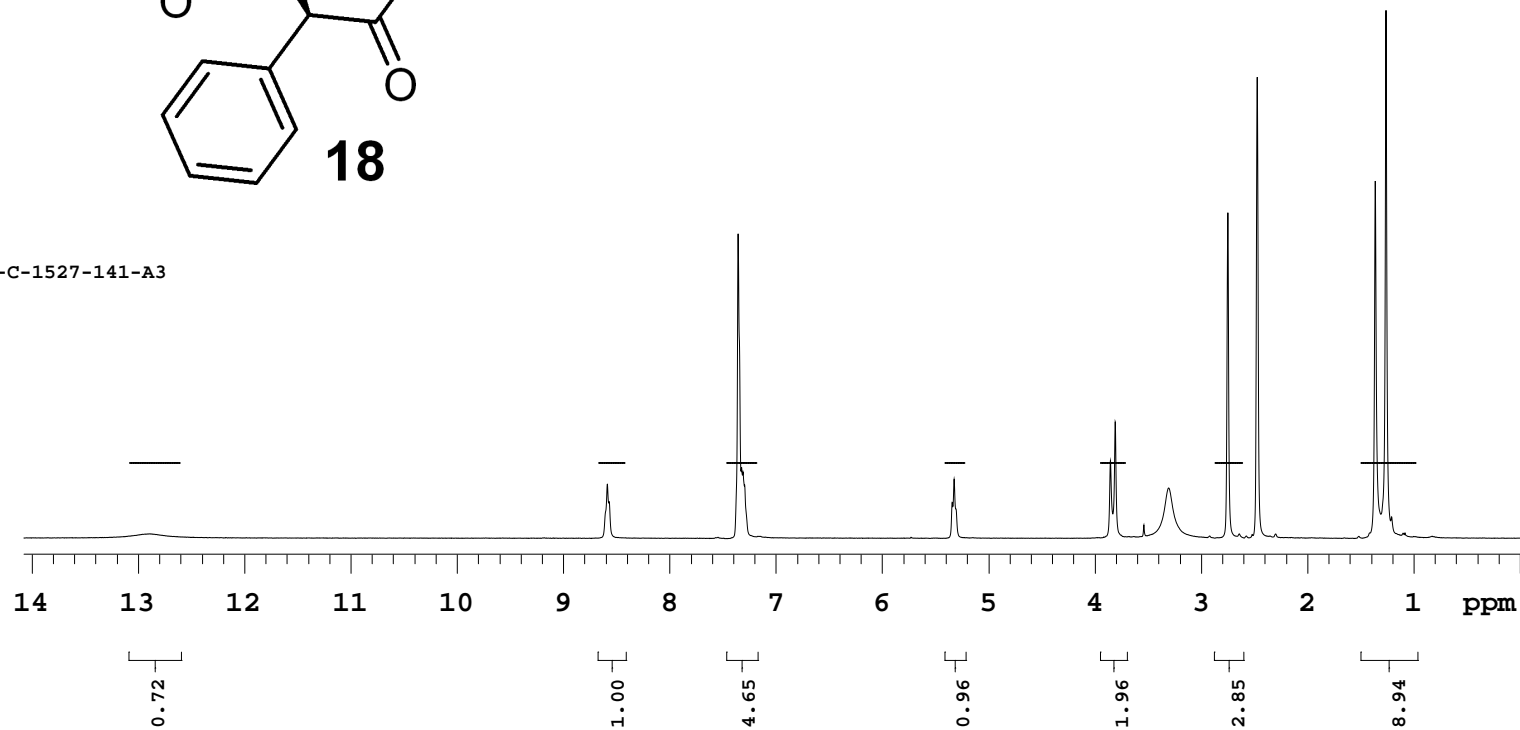
NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.60
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 373.15
 EXP : s2pul
 DATE : Sep 16 2019
 TIME : 11:55:09



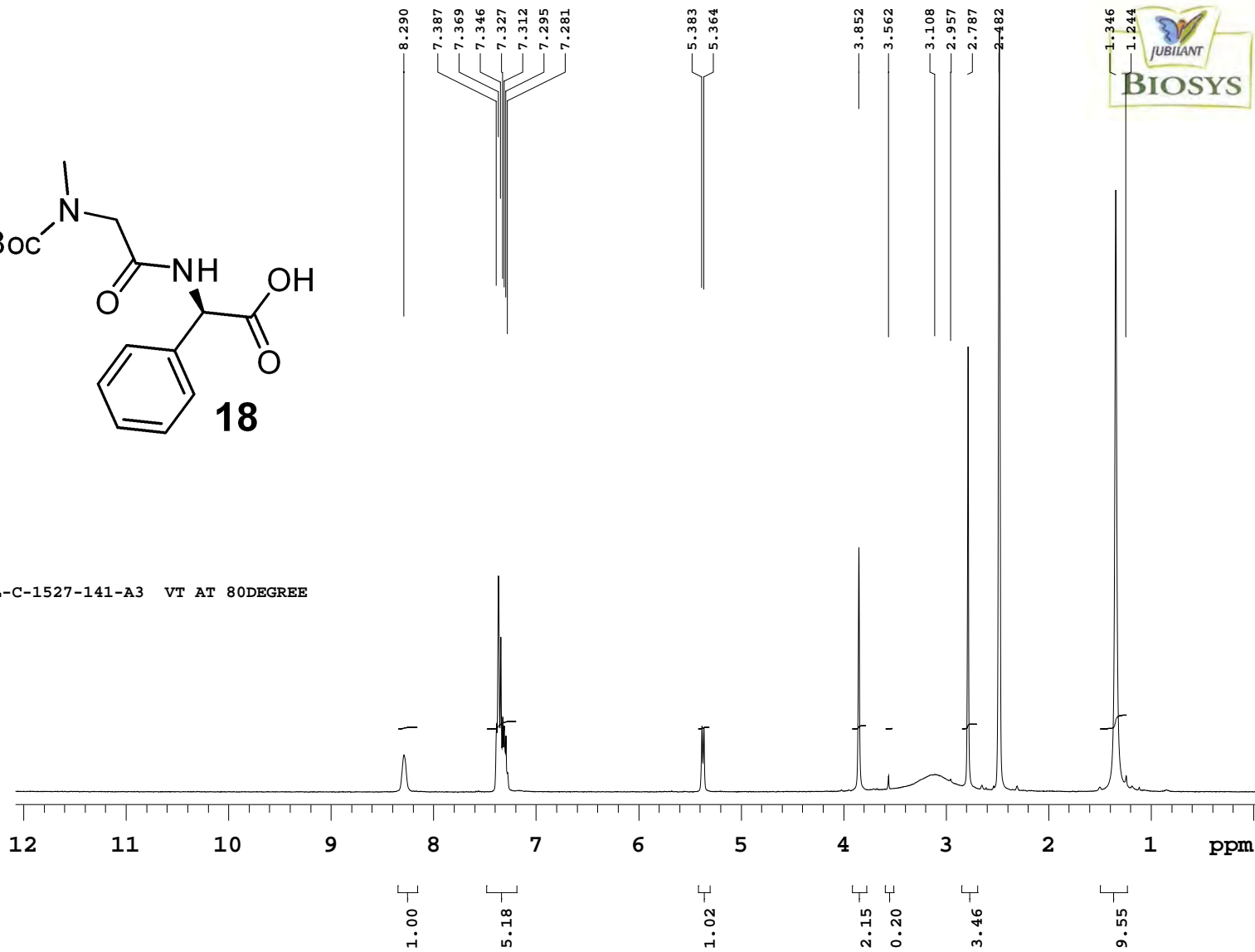
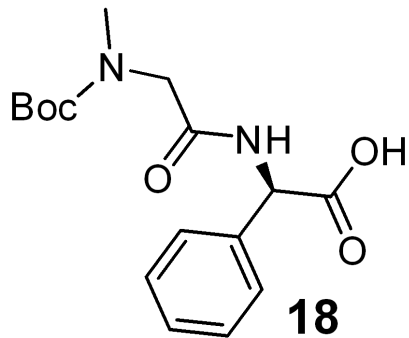
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-141-A3

PROBE: ATB



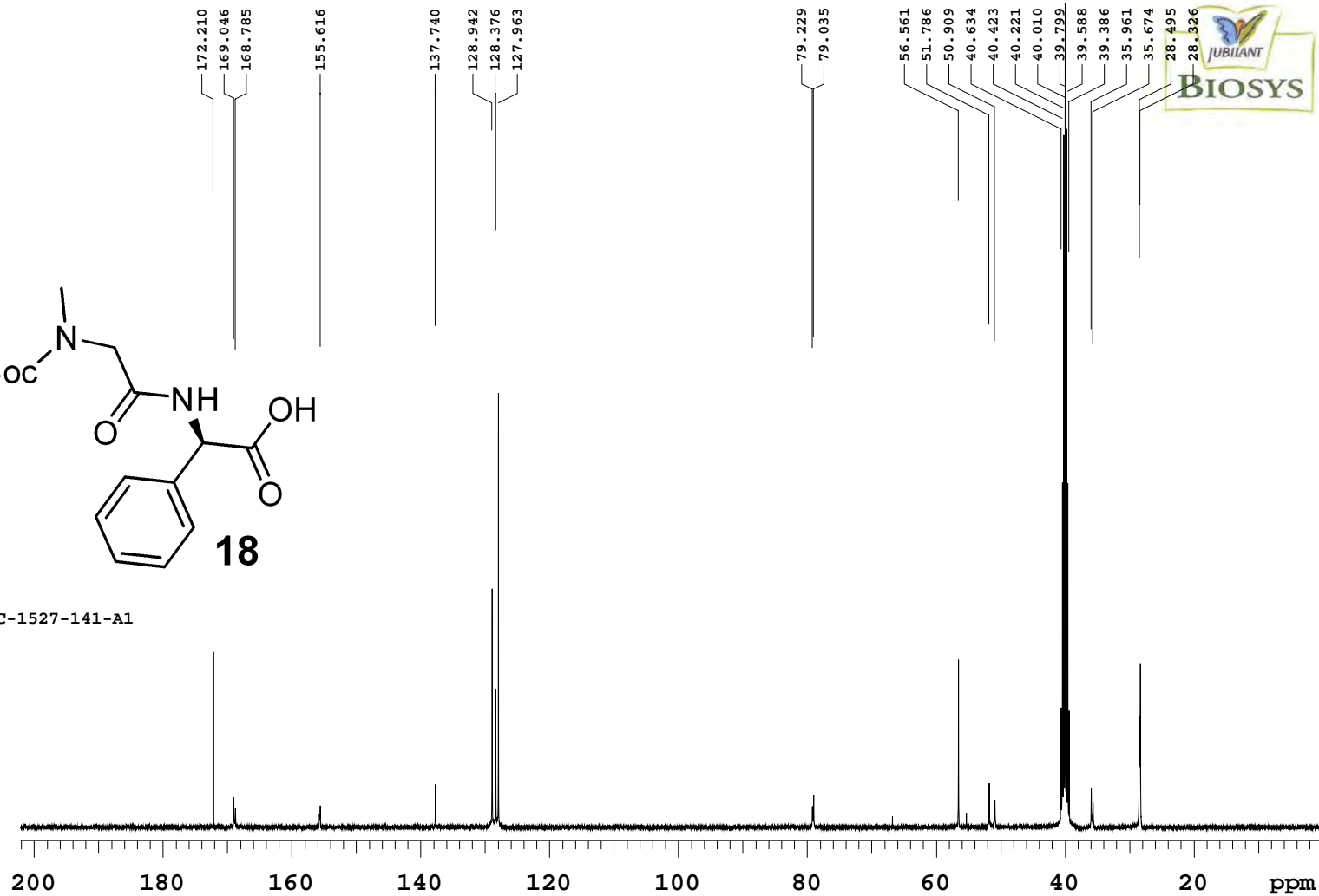
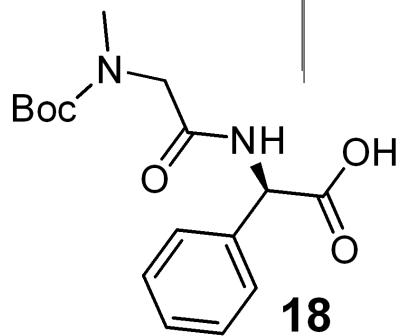
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.60
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 353.15
EXP : s2pul
DATE : Sep 18 2019
TIME : 13:58:19



NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-141-A3 VT AT 80DEGREE
PROBE: ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.10
NT : 10000
Solvent : dmsc
NP : 10000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jun 16 2019
TIME : 07:02:32

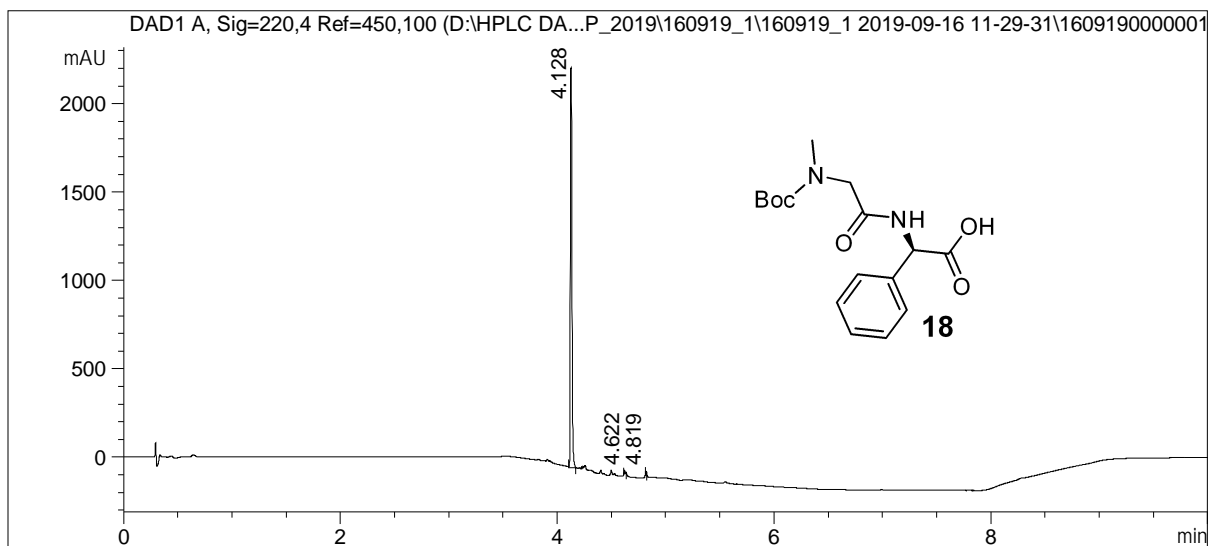


NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-141-A1

PROBE: ATB

Injection Date : Mon, 16. Sep. 2019 Seq Line : 1
 Sample Name : JBPBD1-JBL-C-1527-141-A3 P1-A-03
 Acq Operator : Vinod kumar Inj. No. : 1
 Data file: D:\HPLC DATA-2019\SEP_2019-> Inj. Vol. : 1 µl
 Injection Time 11:30:18 AM
 Acq. Method :D:\HPLC DATA-2019\Sep_2019\160919_1\160919_1 2019-09->
 Analysis Method :
 Kinetex EVO C18 (100 mm X 2.1 mm X 2.6 µm)
 Mobile phase (A) : 0.1 % Trifluoro acetic acid in Water
 Mobile phase (B) : ACN
 Flow rate :0.75 ml/min
 B:0/5,3/5,4/70,6/95,7.5/95,8.5/5,10/5



Signal 1:DAD1 A, Sig=220,4 Ref=450,100

Peak #	RT [min]	Type	Width [min]	Area	Area %
1	4.128	MM	0.018	2421.913	99.160
2	4.622	MM	0.011	13.477	0.552
3	4.819	MM	0.007	7.048	0.289

JUBILANT BIOSYS, BANGALORE

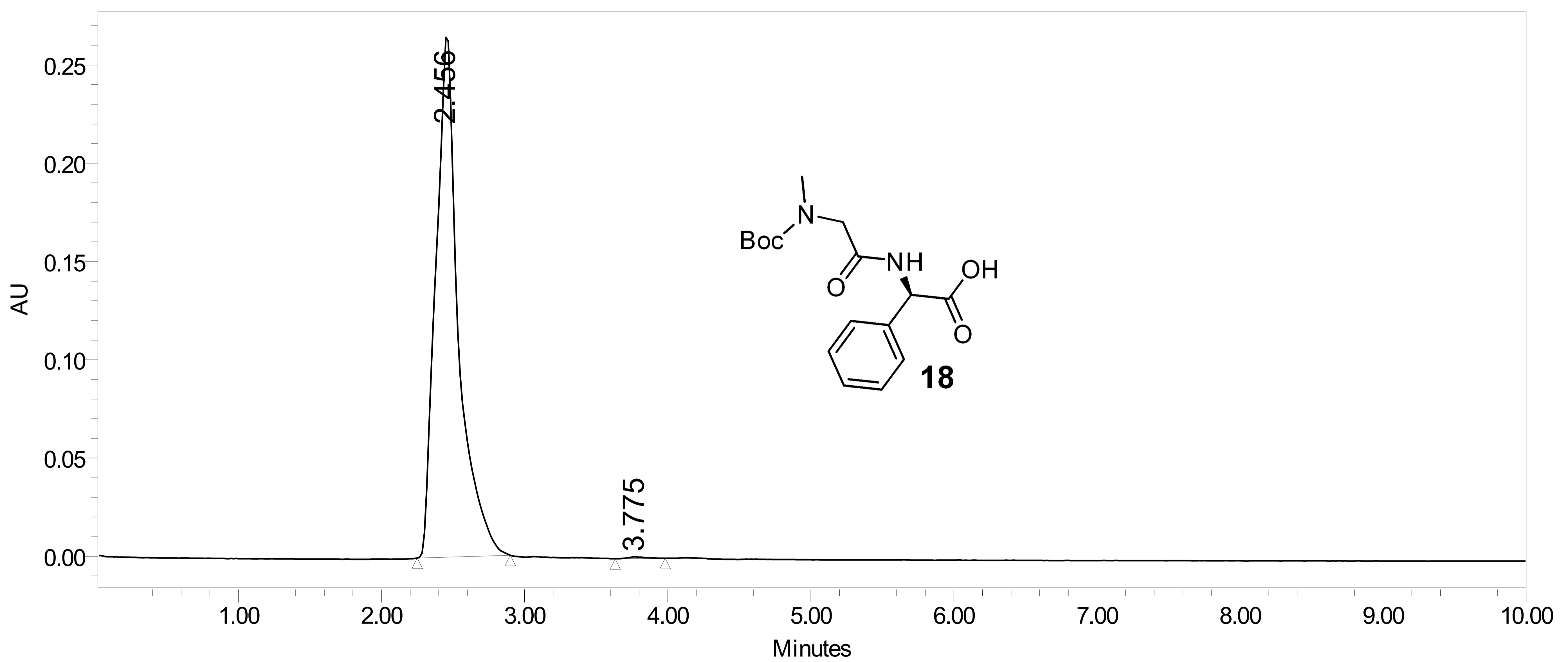
Sample Name: JBPHD1-JBL-C-1527-141-A3 Processing Method: Ethanol With 0.1% DEA
Test Type: HPLC/PDA Done by : VINOD KUMAR
Sample Set Name: Ethanol With 0.1% DEA Vial: 51
Injection Volume: 12.00 ul Proc. Chnl. Descr.: W2996 PDA 254.0 nm (PDA)
Date Acquired: 9/16/2019 6:35:57 PM IST Date Processed: 9/17/2019 12:33:26 PM IST

Analytical conditions:

Column : CHIRALPAK IG (100 mm X 4.6mm X 3mic)

Mobile phase : Ethanol With 0.1% DEA

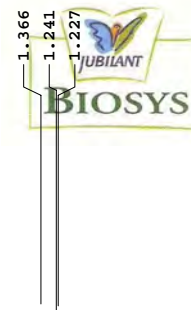
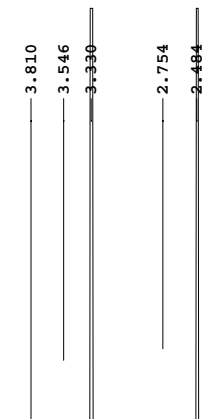
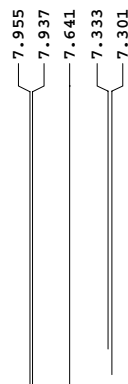
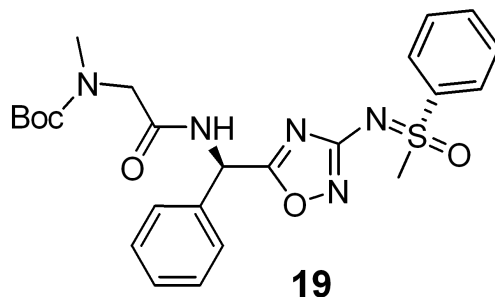
Flow rate : 0.5 mL/min



2.456	2928788	99.79
3.775	6150	0.21

CONFIDENTIAL

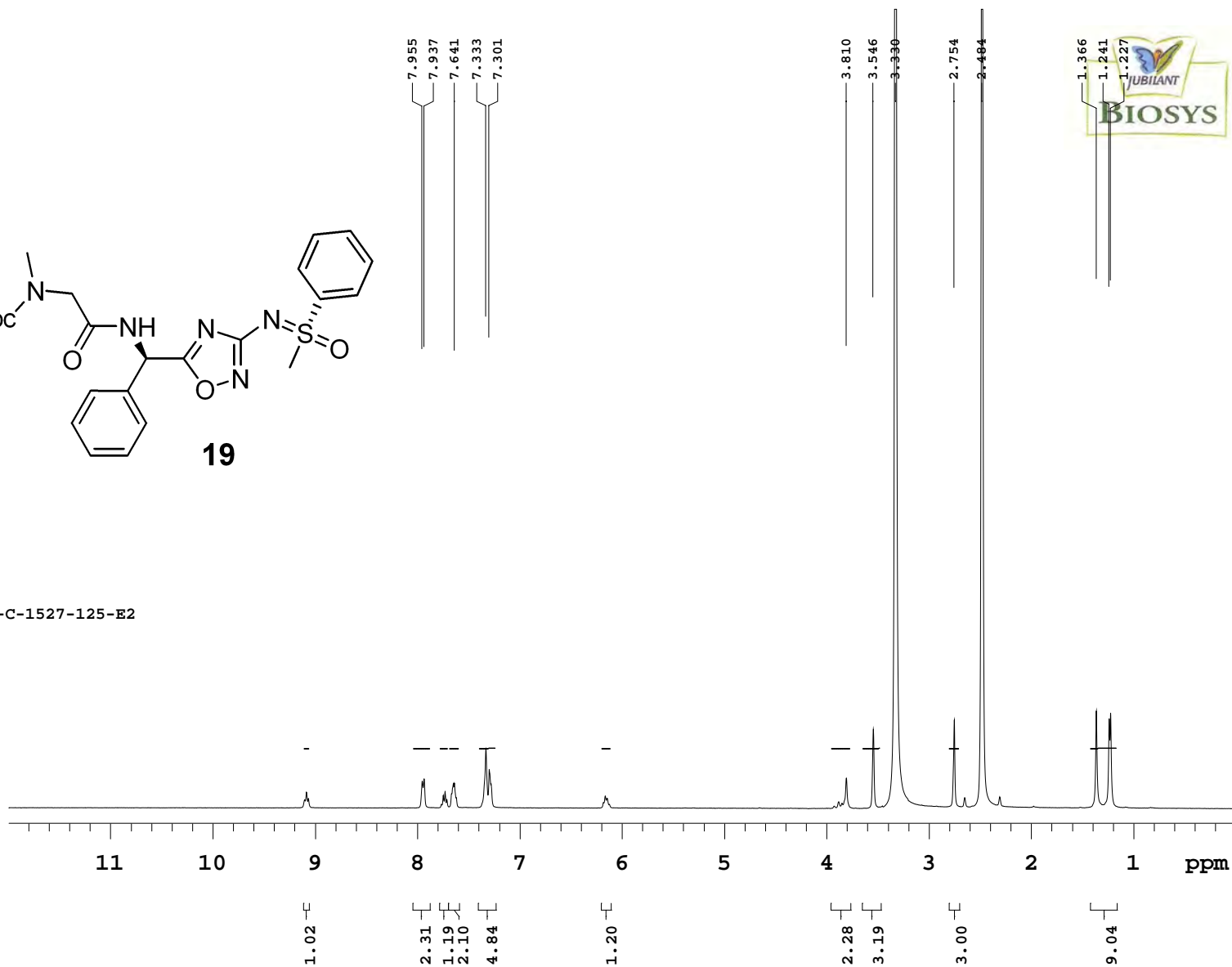
NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.60
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jun 21 2019
TIME : 11:35:30



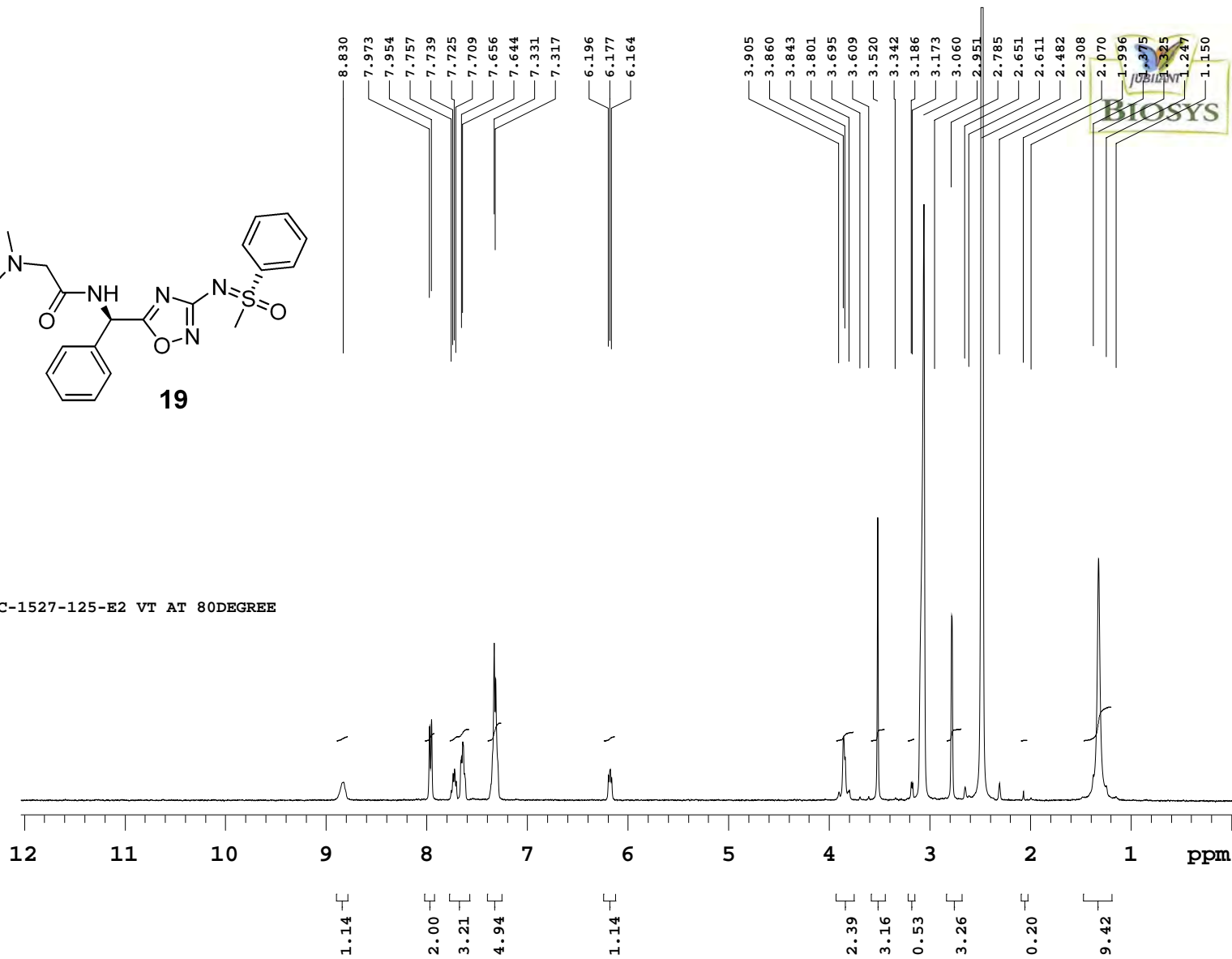
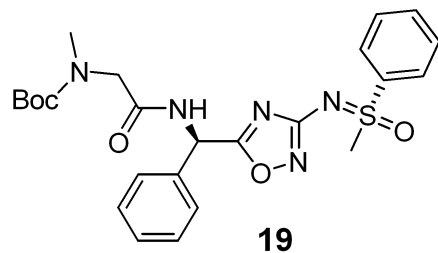
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-125-E2

PROBE: ATB



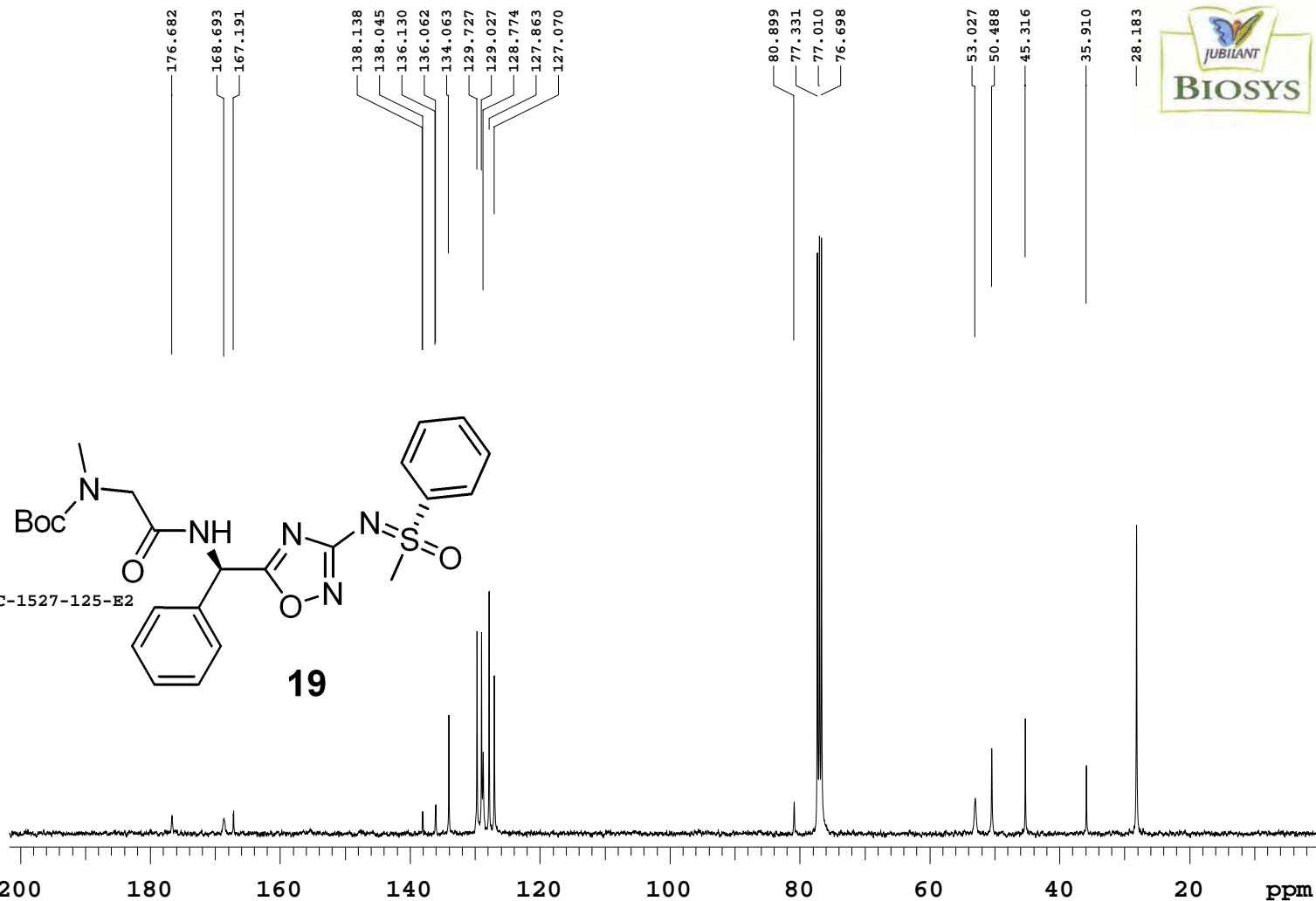
NUCLEUS : H1
 FRQ (MHz): 399.64
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.60
 NT : 64
 Solvent : dmsc
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 353.15
 EXP : s2pul
 DATE : Sep 18 2019
 TIME : 13:36:58



NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-125-E2 VT AT 80DEGREE
 PROBE: ATB

NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.10
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 5.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Jun 22 2019
 TIME : 04:15:58



NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-125-E2

PROBE: ATB

JUBILANT BIOSYS, BANGALORE

Sample Name: JBPHD1-JBL-C-1527-125-E2 Processing Method: X-Bridge_Ammonia_ACN
Test Type: HPLC/PDA Done by: Vinod kumar
Sample Set Name: X-Bridge_Ammonia_ACN Vial: 116
Injection Volume: 10.00 ul Proc. Chnl. Descr.: 225nm
Date Acquired: 6/21/2019 2:19:26 PM IST Date Processed: 6/21/2019 2:36:23 PM IST

Analytical Conditions:

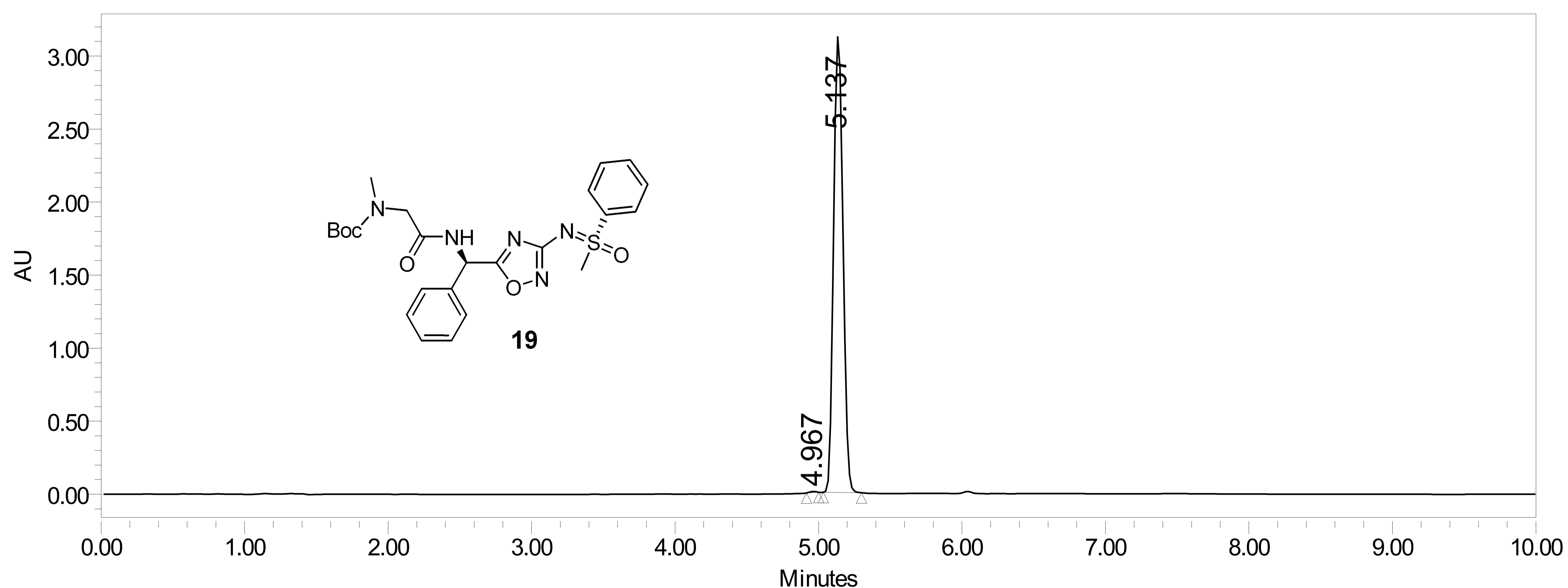
Column : X-Bridge C18 (100mm X 4.6mm X 3.5mic)

Mobile phase(A) : 0.1% Ammonia in water

Mobile phase(B) : Acetonitrile

Flow rate : 1.0 mL/min

T/%B: 0/10,5/90, 7/90,8/10,10/10



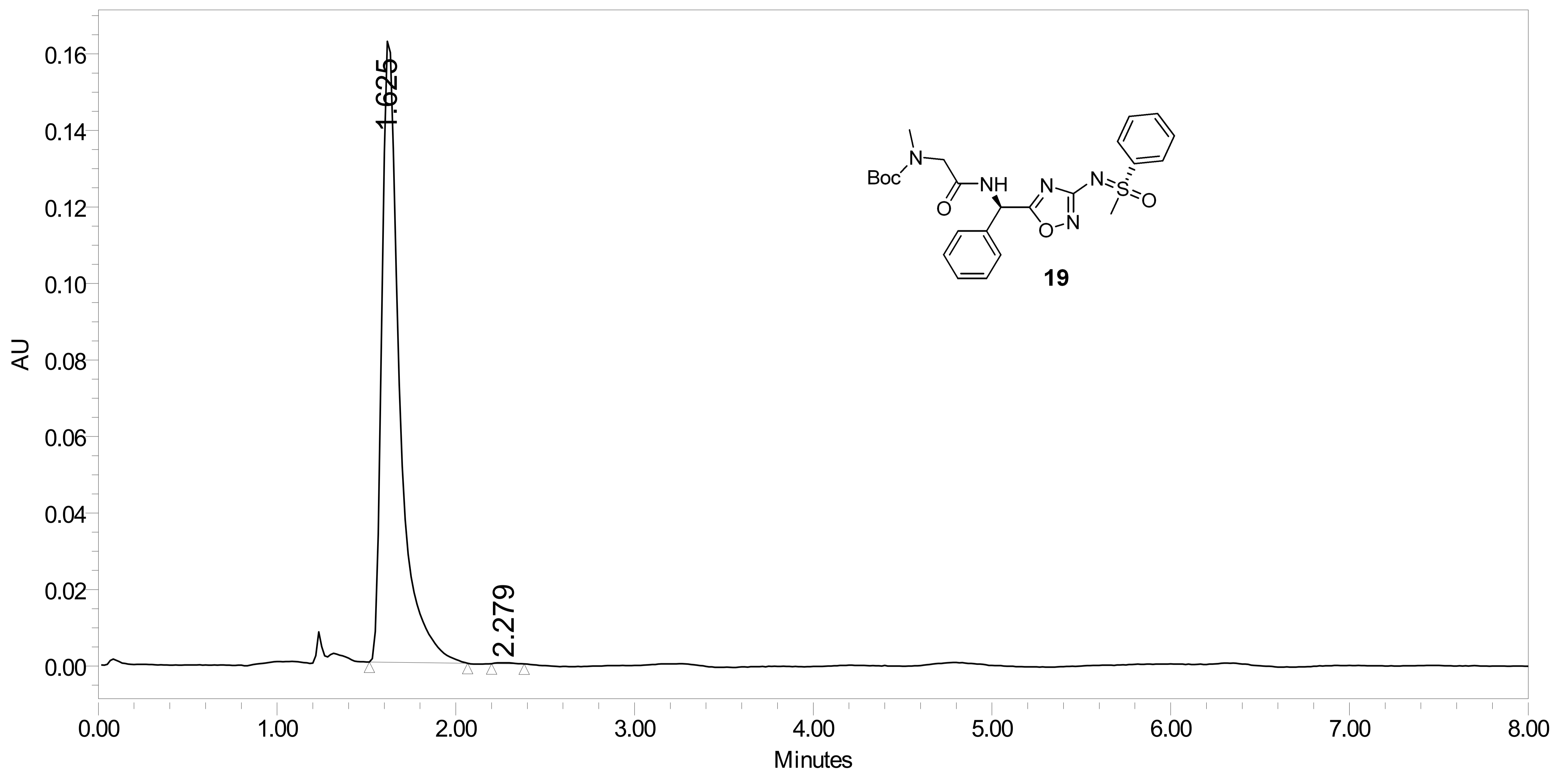
4.967	24192	0.17
5.137	14202229	99.83

JUBILANT BIOSYS, BANGALORE

Sample Name: JBPHD1-JBL-C-1527-125-E3 Processing Method: MTBE :Ethanol with 0.1% DEA
Test Type: HPLC/PDA Done by : VINOD KUMAR
Sample Set Name: MTBE :Ethanol with 0.1% DEA Vial: 17
Injection Volume: 4.00 ul Proc. Chnl. Descr.: W2996 PDA 254.0 nm (PDA
Date Acquired: 9/14/2019 11:21:03 PM IST Date Processed: 9/17/2019 12:57:35 PM IST

Analytical conditions:

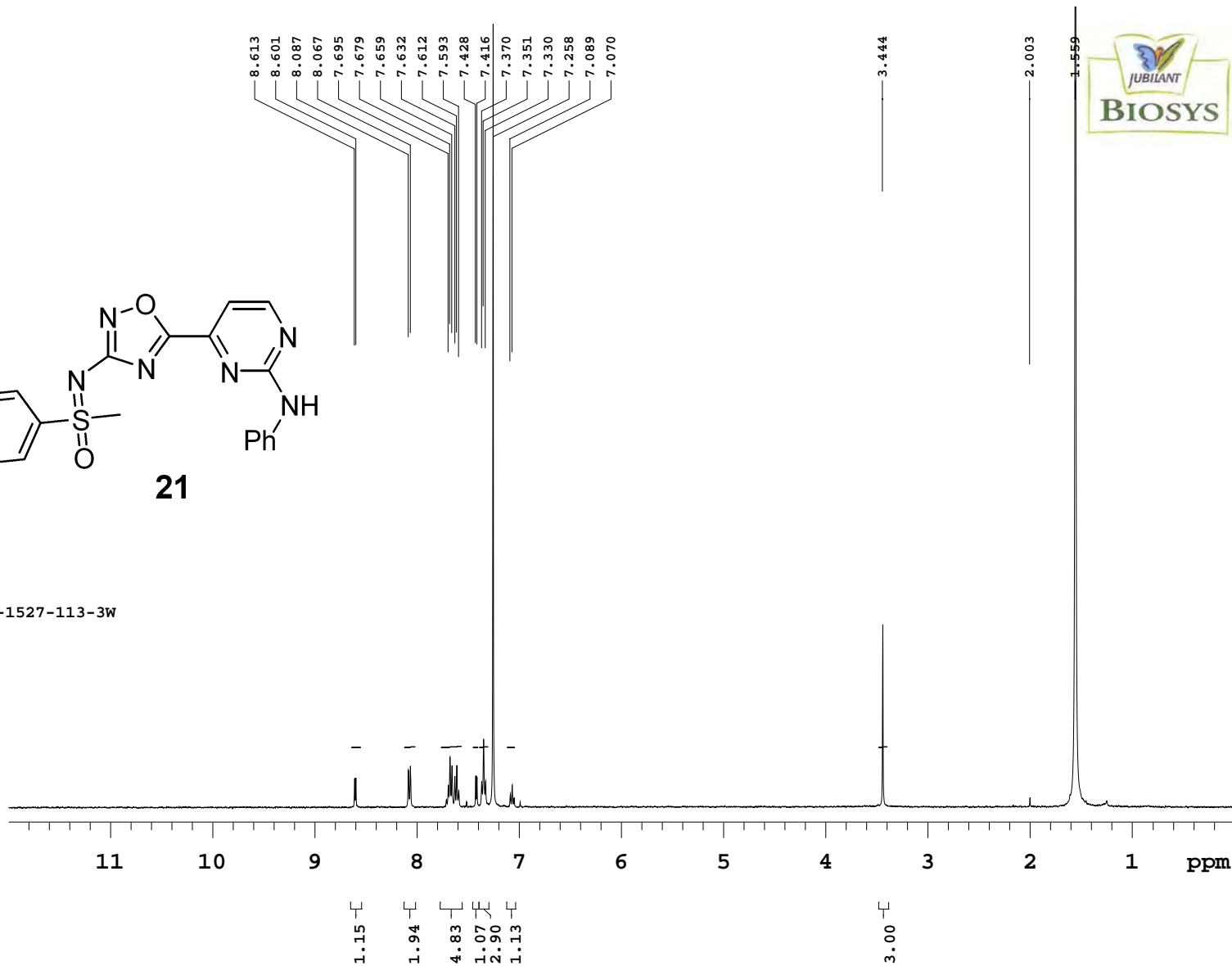
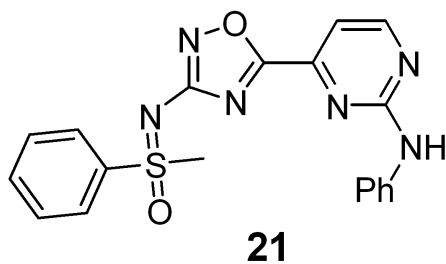
Column : CHIRALPAK IG(100mm X 4.6mm X 3mic)
Mobile phase : MTBE :Ethanol with 0.1% DEA (70:30)
Flow rate : 1.0 mL/min



1.625	1128025	99.83
2.279	1865	0.17

CONFIDENTIAL

NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 5.35
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Nov 24 2018
TIME : 15:45:53



NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-113-3W

PROBE: ATB

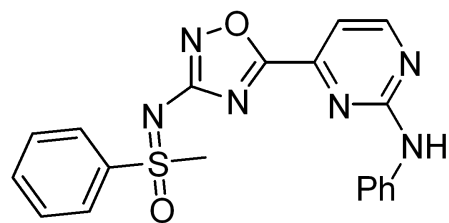
NUCLEUS : C13
FRQ (MHz) : 100.50
AT (sec) : 1.18
SW (ppm) : 276.40
RD (sec) : 1.00
PW (usec) : 5.40
Scans : 10000
Solvent : cdcl3
Data Points : 65536
LB (Hz) : 1.00
TEMP (K) : 303.15
EXP : s2pul
DATE : Nov 26 2018
System : VNMRS_400



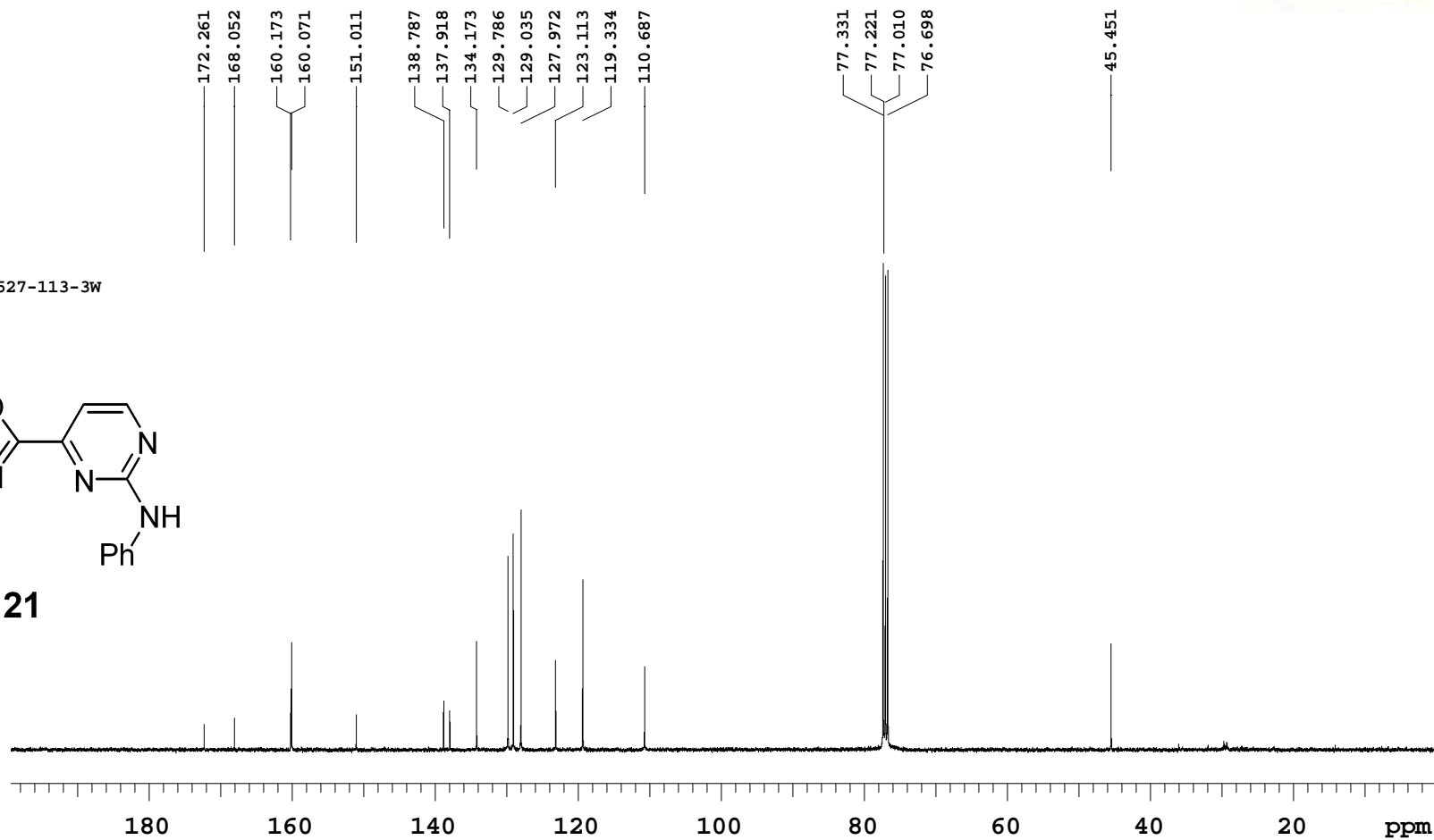
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-113-3W

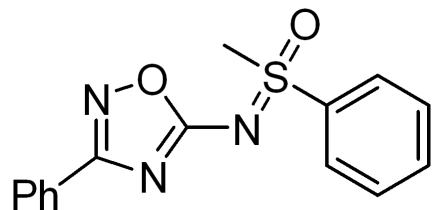
PROBE: ATB



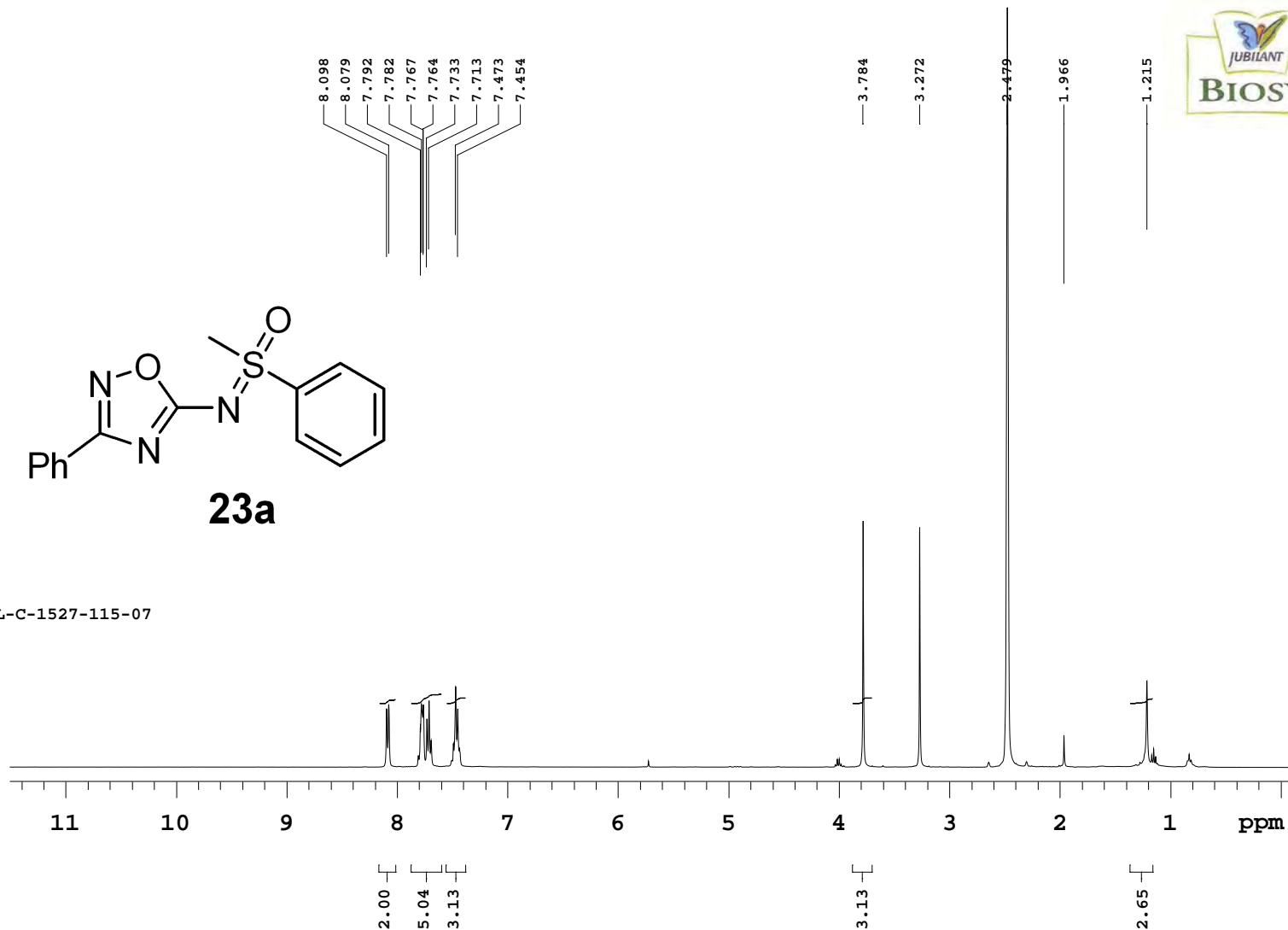
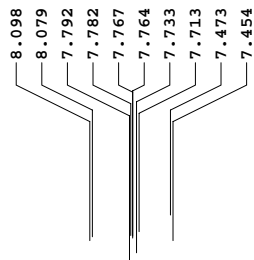
21



NUCLEUS : H1
FRQ (MHz): 399.64
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.55
NT : 64
Solvent : dmsc
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jul 31 2018
TIME : 21:21:46



23a

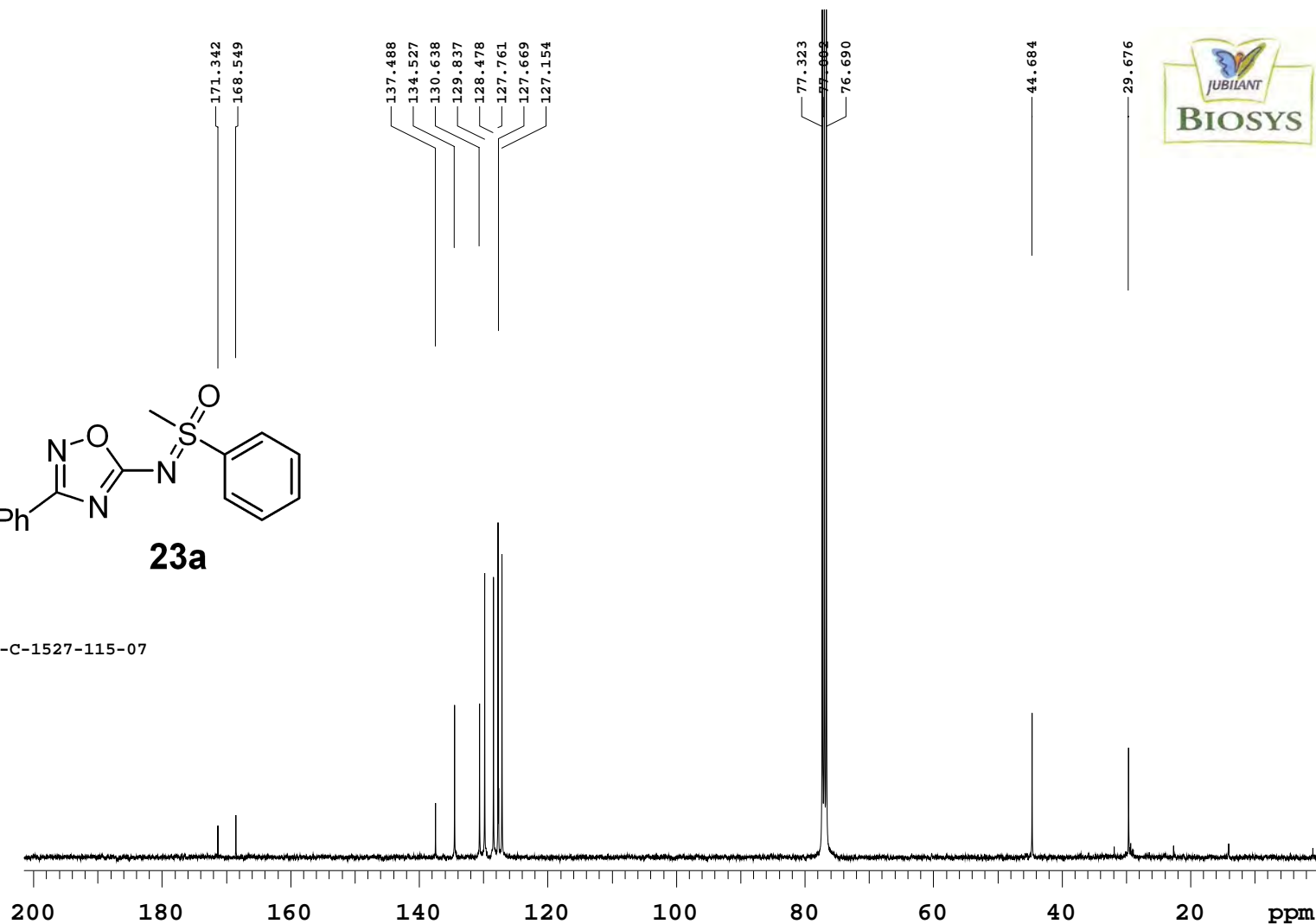
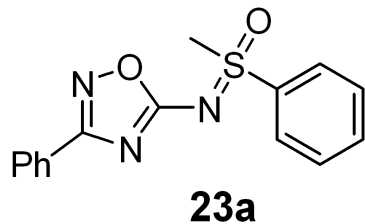


NMR REPORT

PROJECT CODE: JBPHD1
SAMPLE NAME : JBPHD1-JBL-C-1527-115-07

Probe:ATB

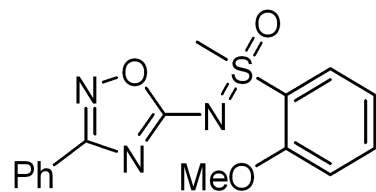
NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 10000
Solvent : cdcl3
NP : 10000
LB (Hz): 3.0
TEMP (K): 303.15
EXP : s2pul
DATE : Mar 23 2019
TIME : 19:40:03



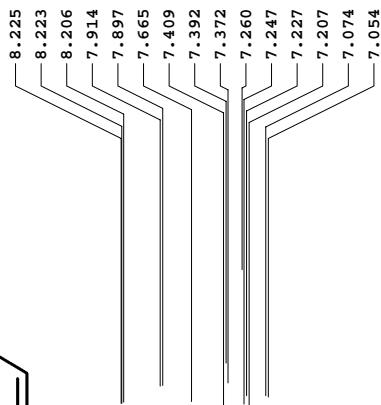
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-115-07
PROBE: ATB

NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.95
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Apr 1 2019
 TIME : 15:16:11



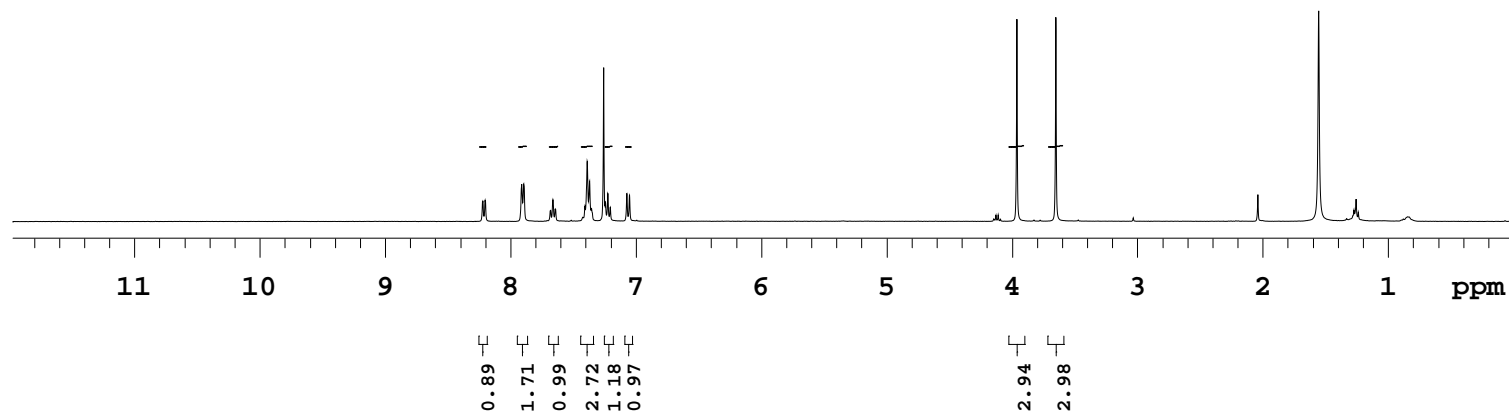
23b



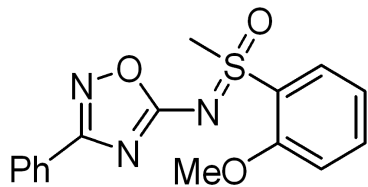
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-115-B1

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 0.5
TEMP (K): 303.15
EXP : s2pul
DATE : Apr 5 2019
TIME : 06:25:13

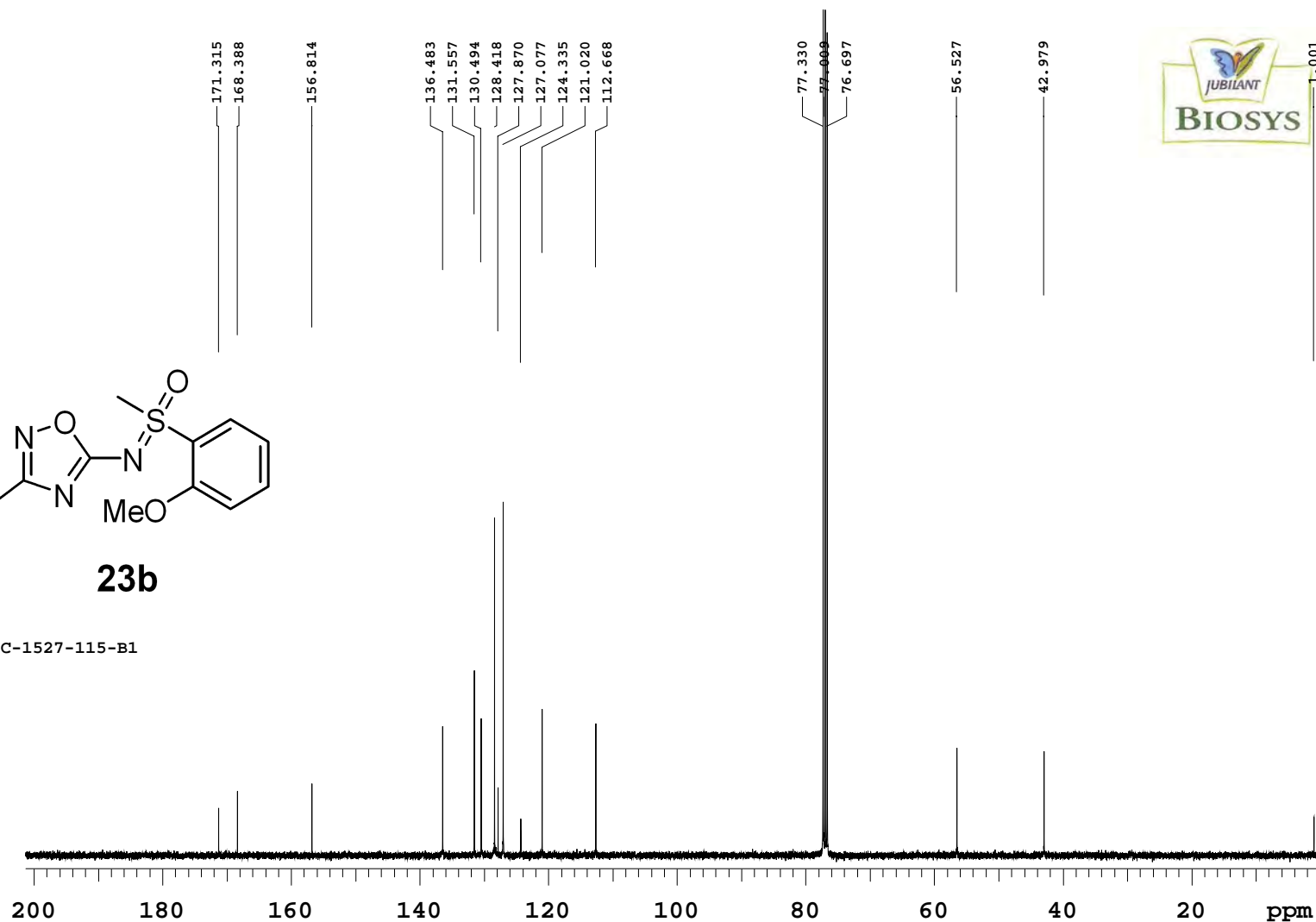


23b

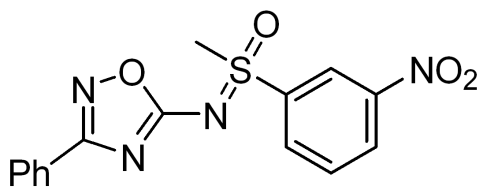
NMR REPORTS:

PROJECT NAME : JBPBD1-JBL-C-1527-115-B1

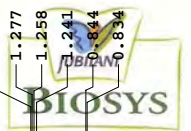
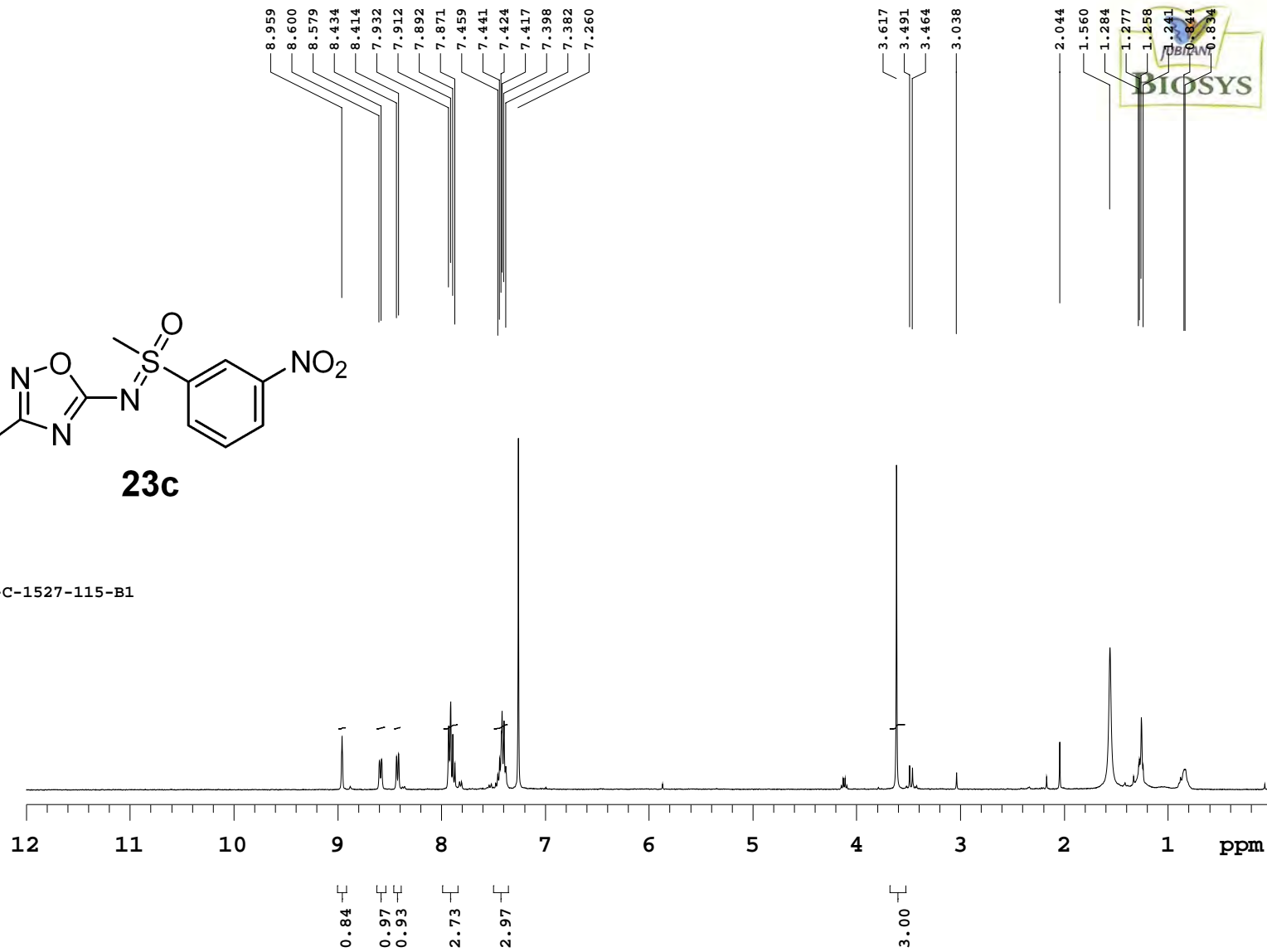
PROBE: ATB



NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.95
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Apr 5 2019
 TIME : 09:16:21



23c

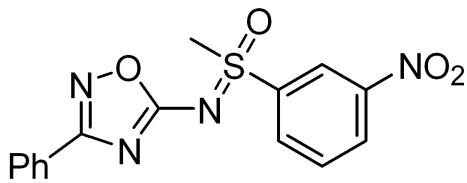


NMR REPORTS:

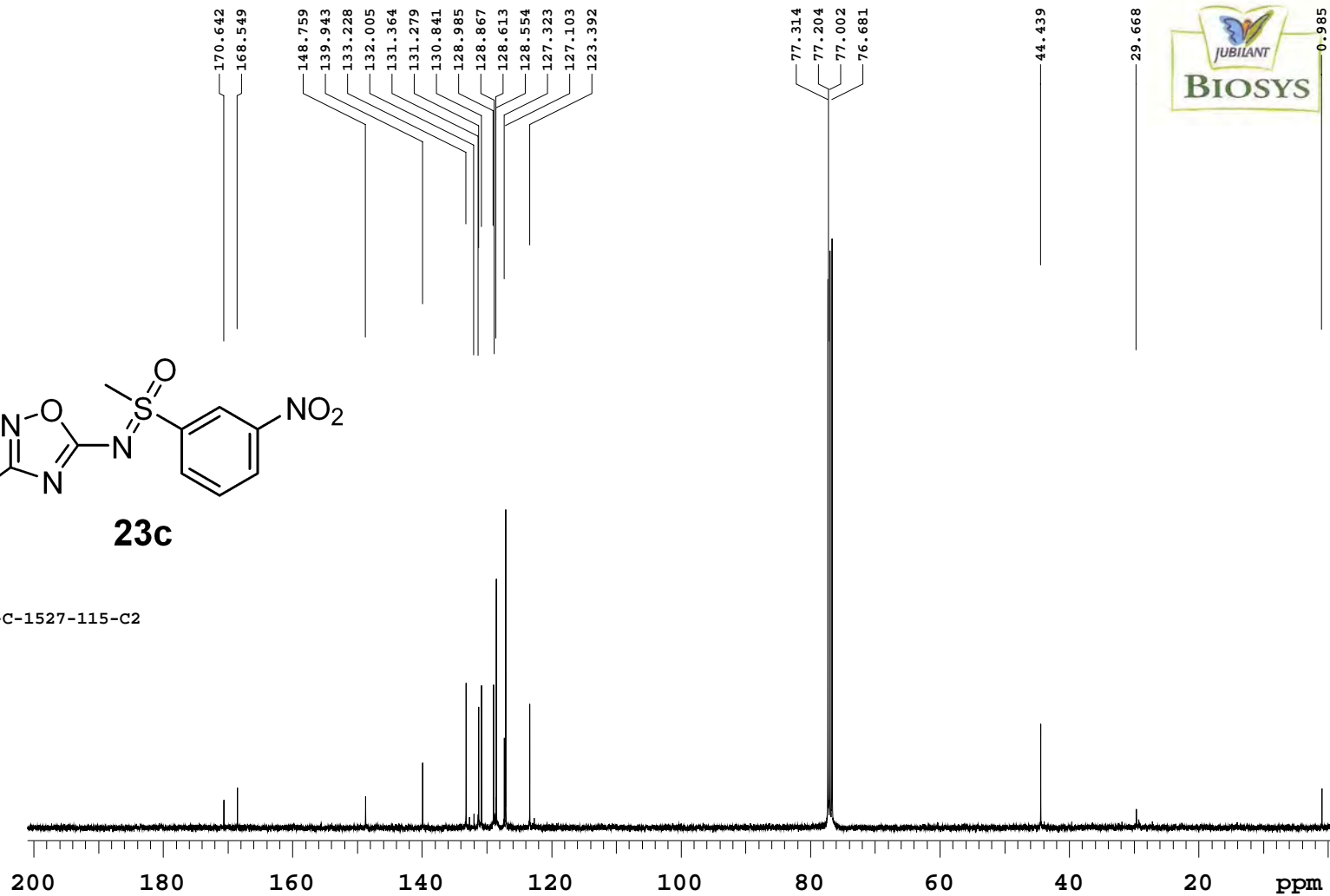
PROJECT NAME : JBPBD1-JBL-C-1527-115-B1

PROBE: ATB

NUCLEUS : C13
 FRQ (MHz): 100.50
 AT (sec): 1.18
 SW (ppm): 276.40
 RD (sec): 1.00
 PW (usec): 5.45
 NT : 5000
 Solvent : cdcl3
 NP : 5000
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Apr 5 2019
 TIME : 22:11:09



23c



NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-115-C2

PROBE: ATB

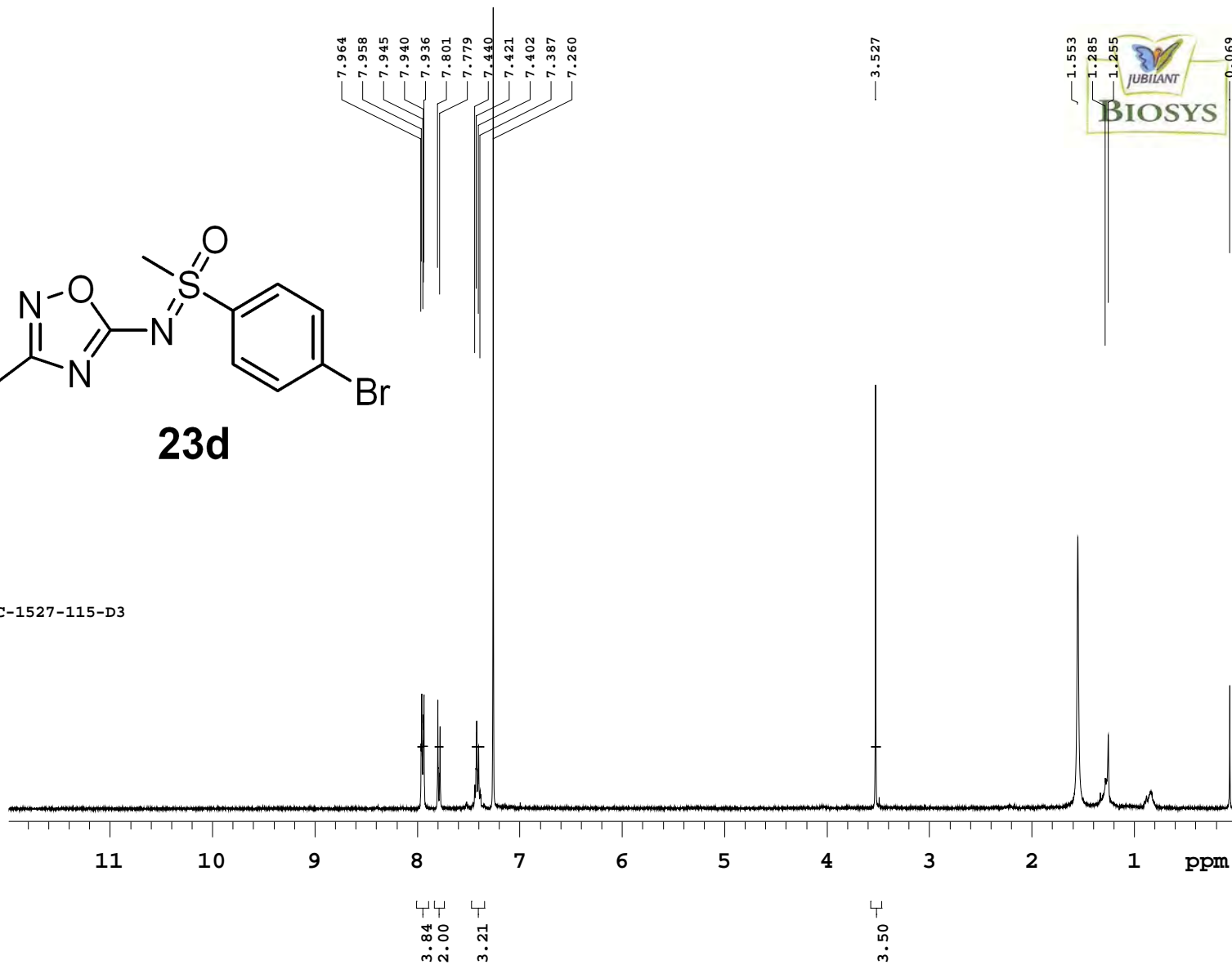
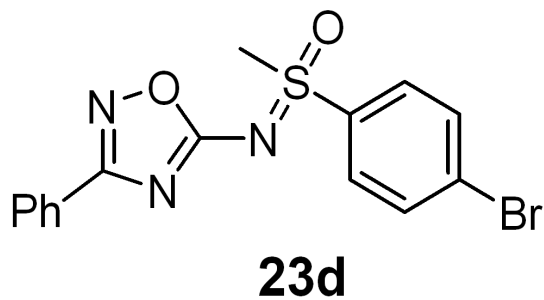
NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.95
NT : 64
Solvent : cdcl3
NP : 64

TEMP (K): 303.15
EXP : s2pul
DATE : Apr 4 2019
TIME : 17:53:53

NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-115-D3

PROBE: ATB

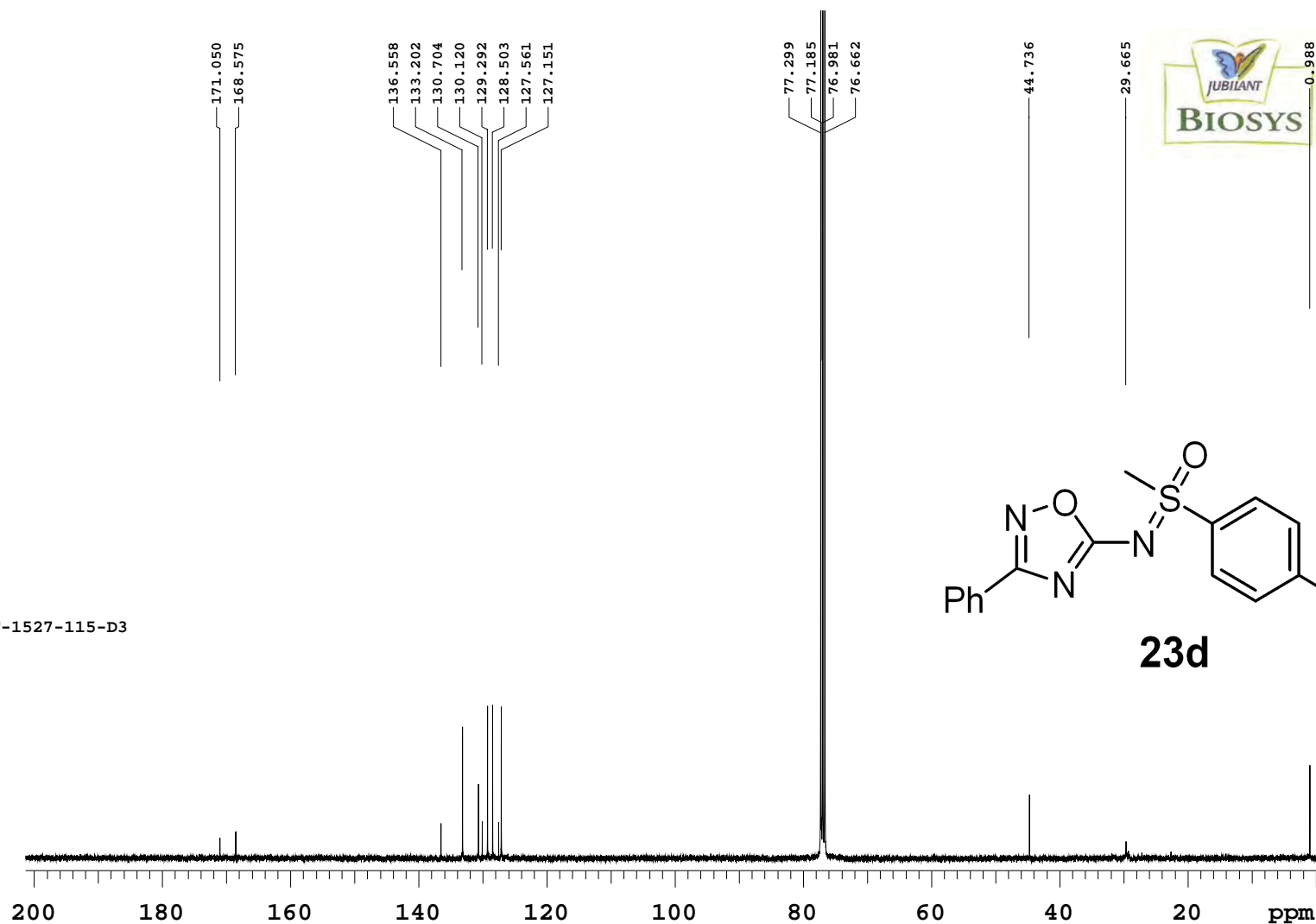


NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.31
SW (ppm): 248.76
RD (sec): 1.00
PW (usec): 5.45
NT : 10000
Solvent : cdcl3
NP : 10000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Apr 7 2019
TIME : 16:19:04

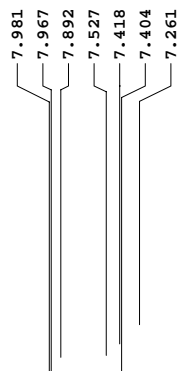
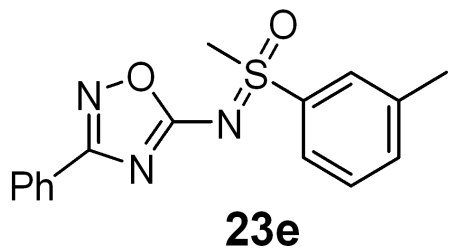
NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-115-D3

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.95
NT : 64
Solvent : cdcl3
NP : 64
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Apr 2 2019
TIME : 17:17:03



3.525

2.487

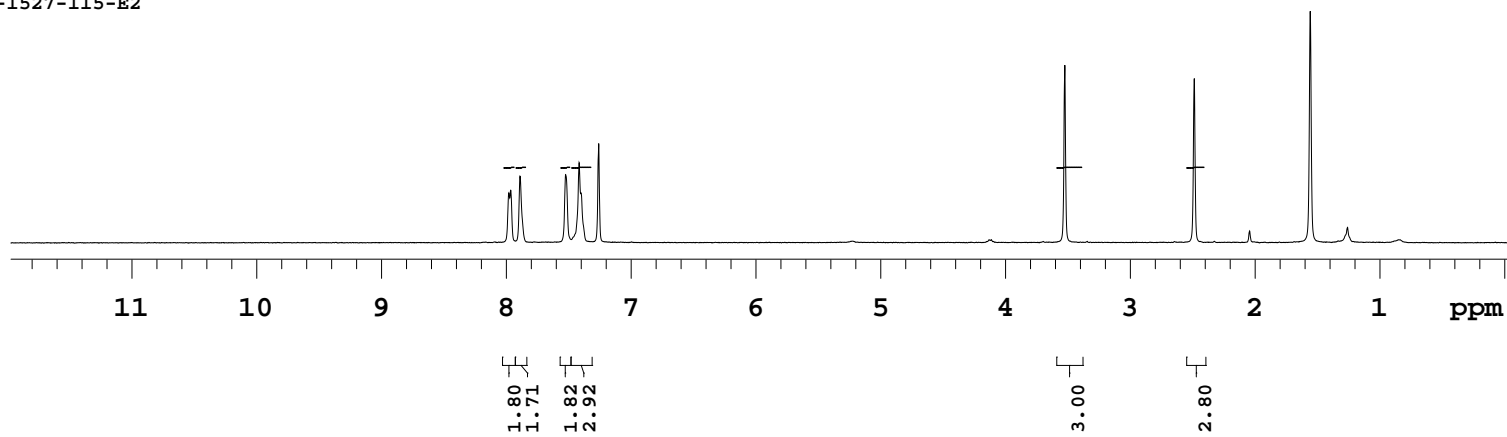
1.558



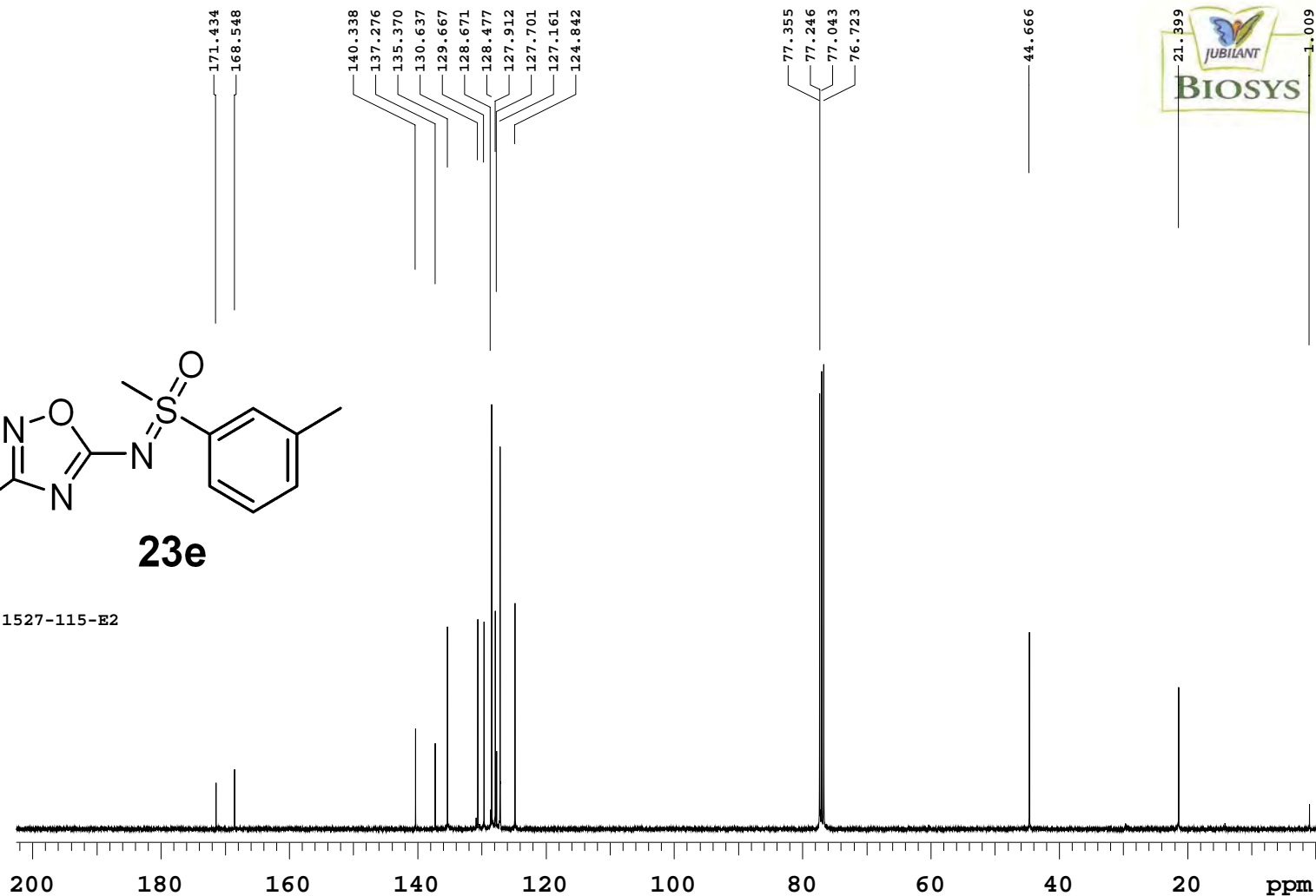
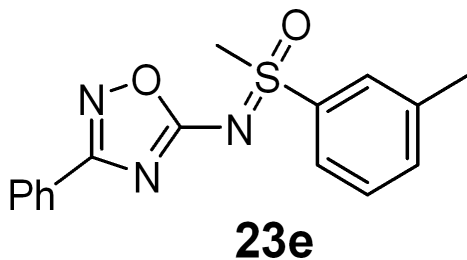
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-115-E2

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Apr 5 2019
TIME : 03:19:59

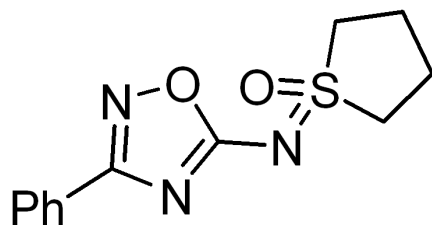


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-115-E2

PROBE: ATB

NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 4.56
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.95
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 303.15
 EXP : s2pul
 DATE : Apr 5 2019
 TIME : 18:11:39

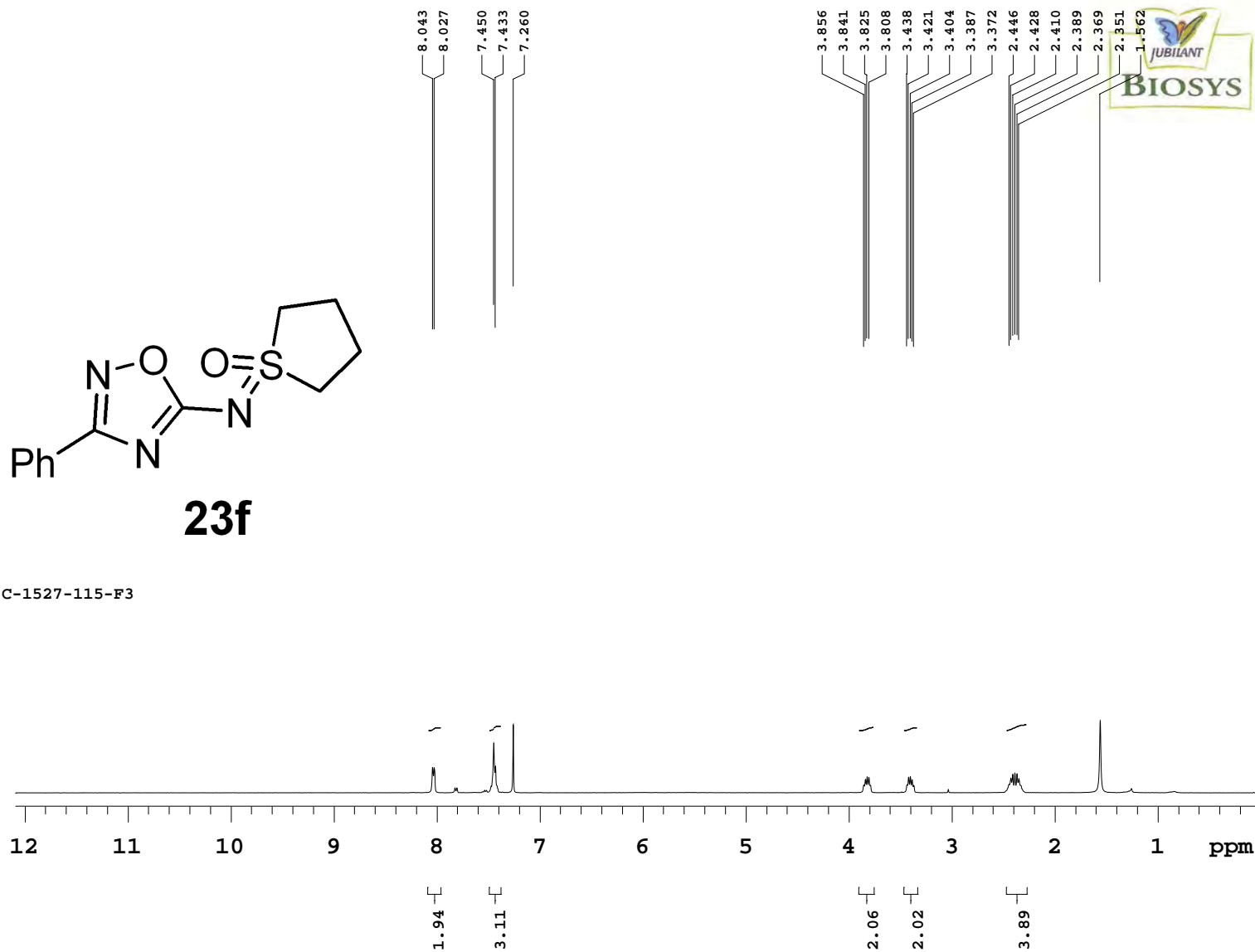


23f

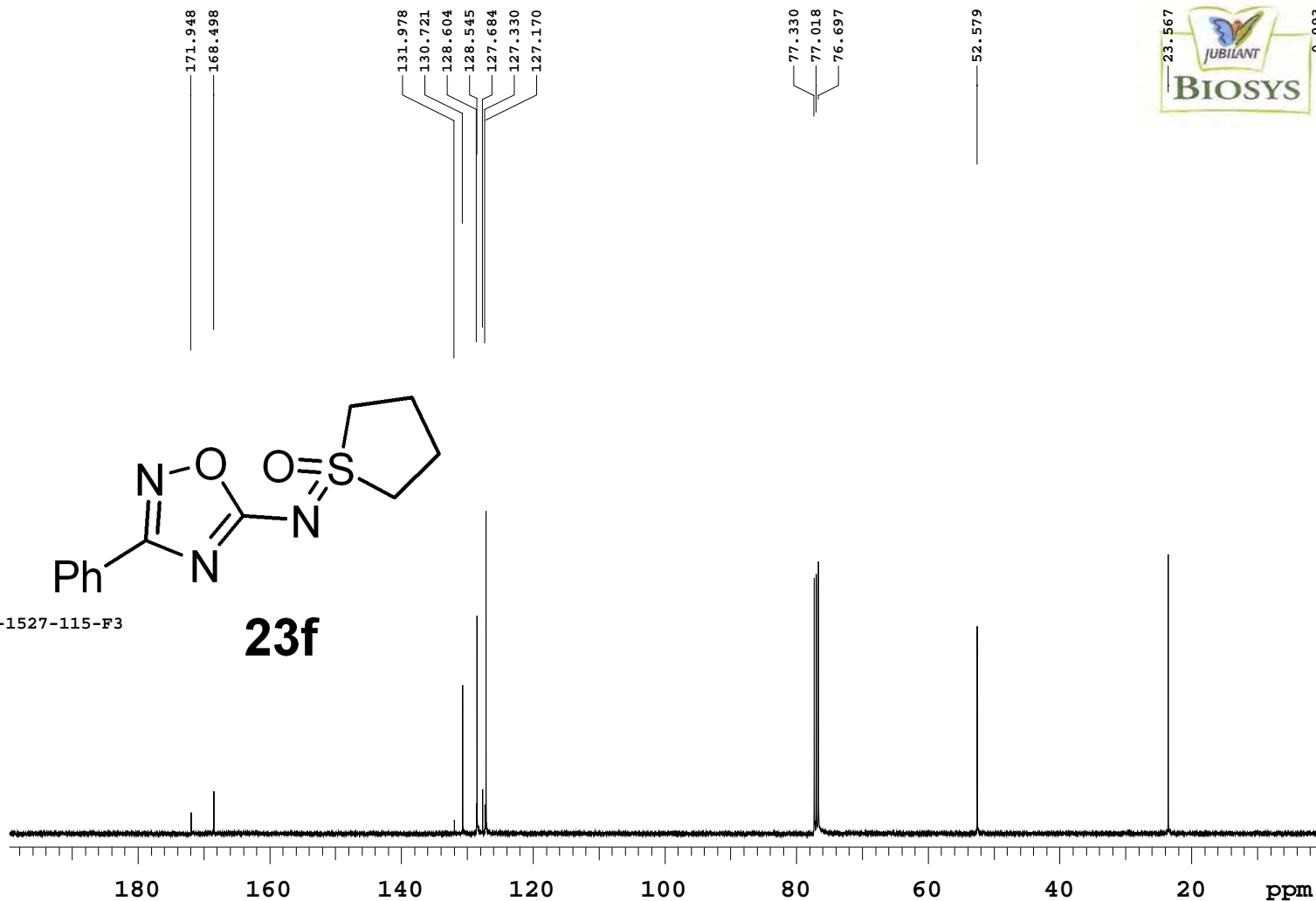
NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-115-F3

PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.45
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Apr 6 2019
TIME : 05:06:02



NMR REPORTS:

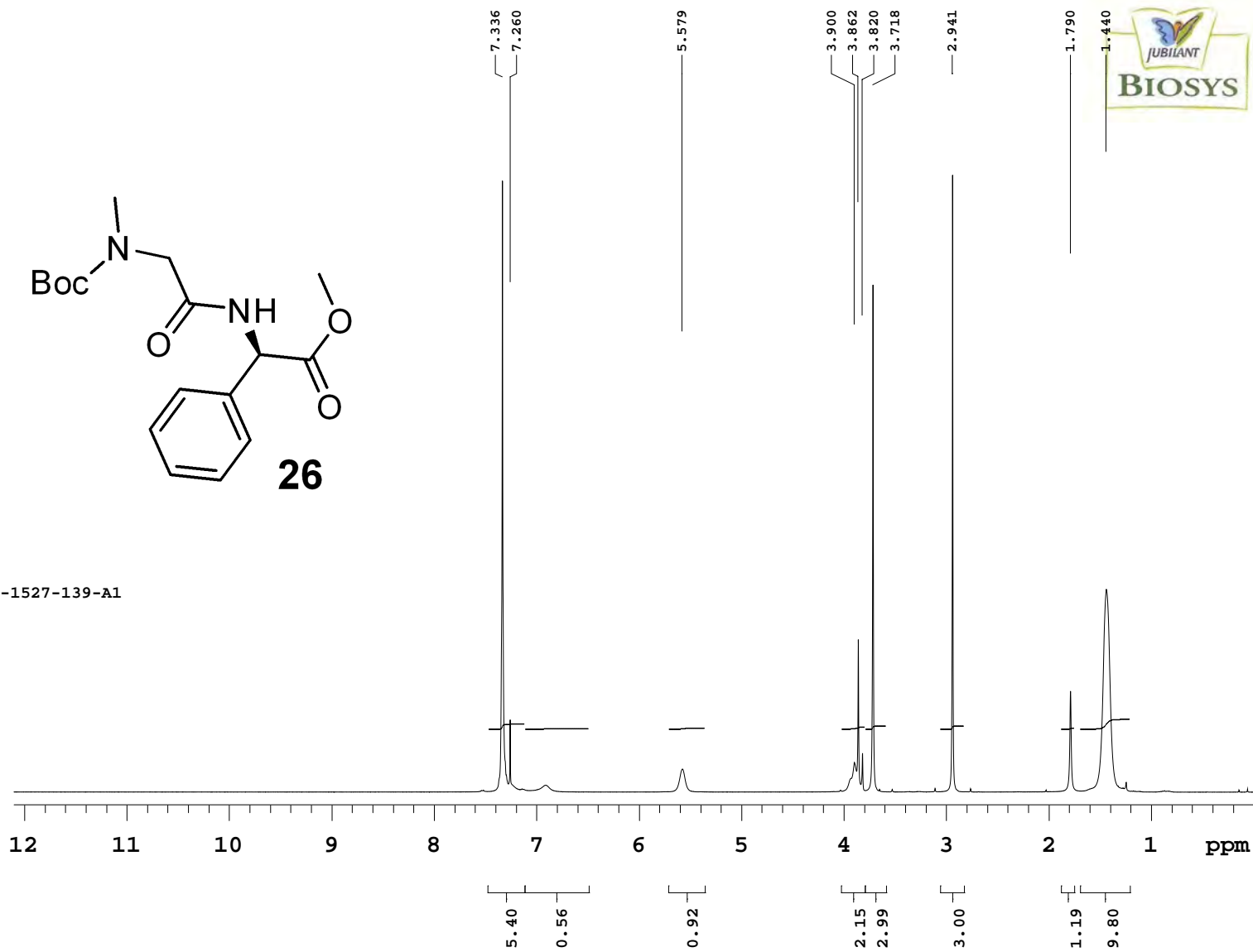
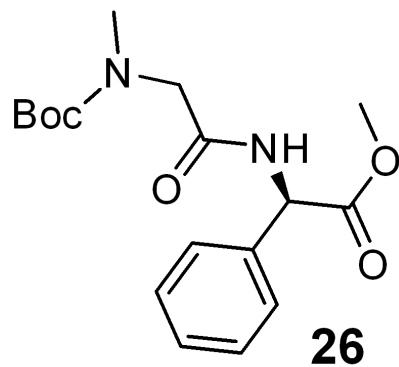
PROJECT NAME : JBPBD1-JBL-C-1527-115-F3

PROBE: ATB



NUCLEUS : H1
FRQ (MHz): 399.63
AT (sec): 2.28
SW (ppm): 17.98
RD (sec): 1.00
PW (usec): 4.60
NT : 64
Solvent : cdcl3
NP : 64

TEMP (K): 303.15
EXP : s2pul
DATE : Jun 12 2019
TIME : 19:43:55

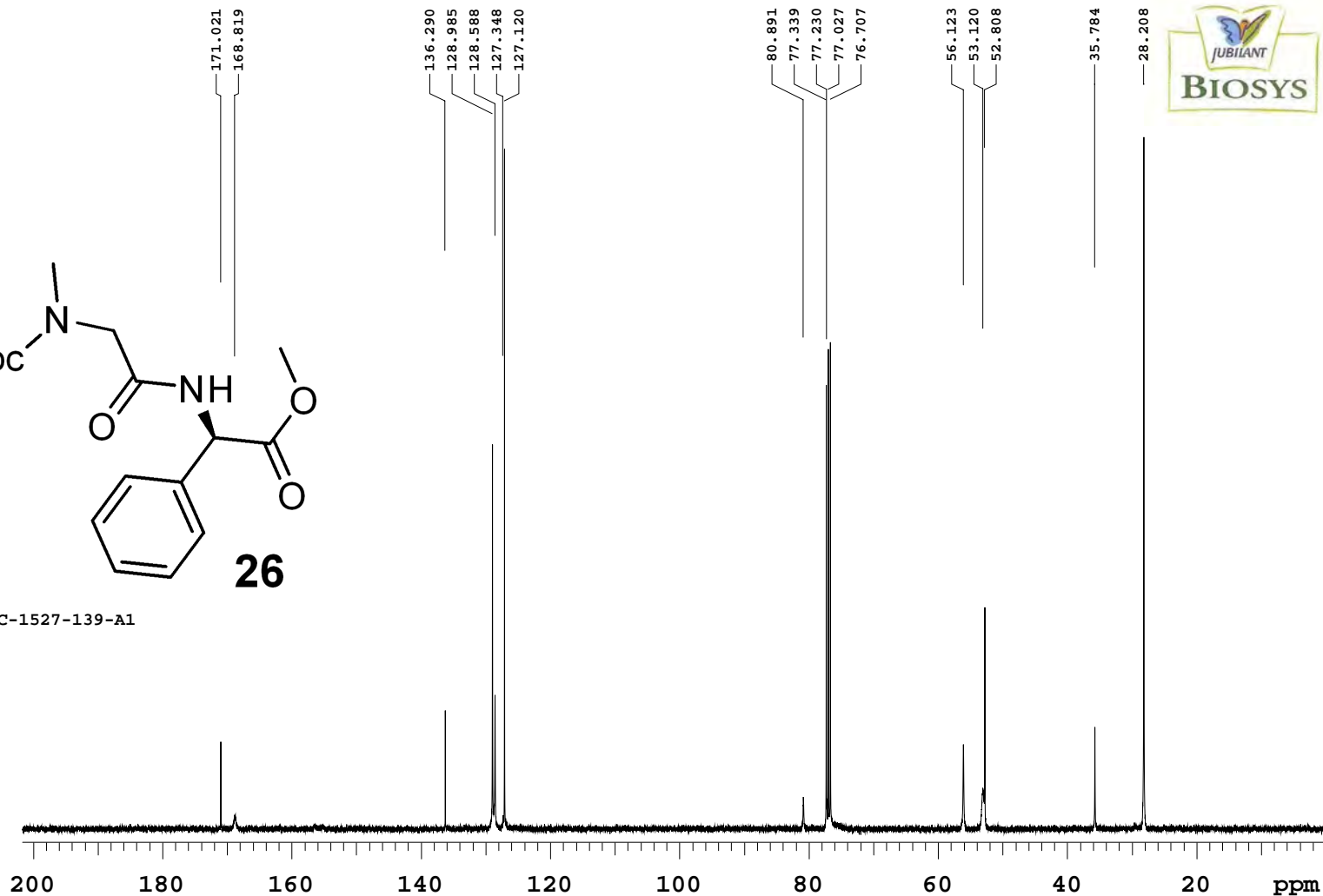
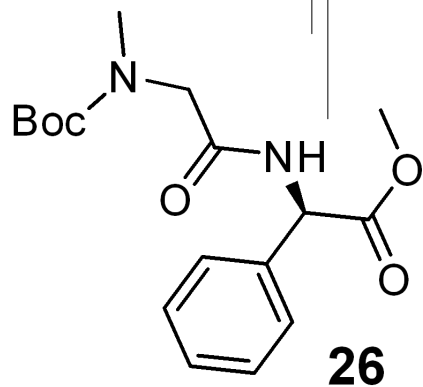


NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-139-A1

PROBE: ATB

NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.10
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Jun 12 2019
TIME : 19:47:36

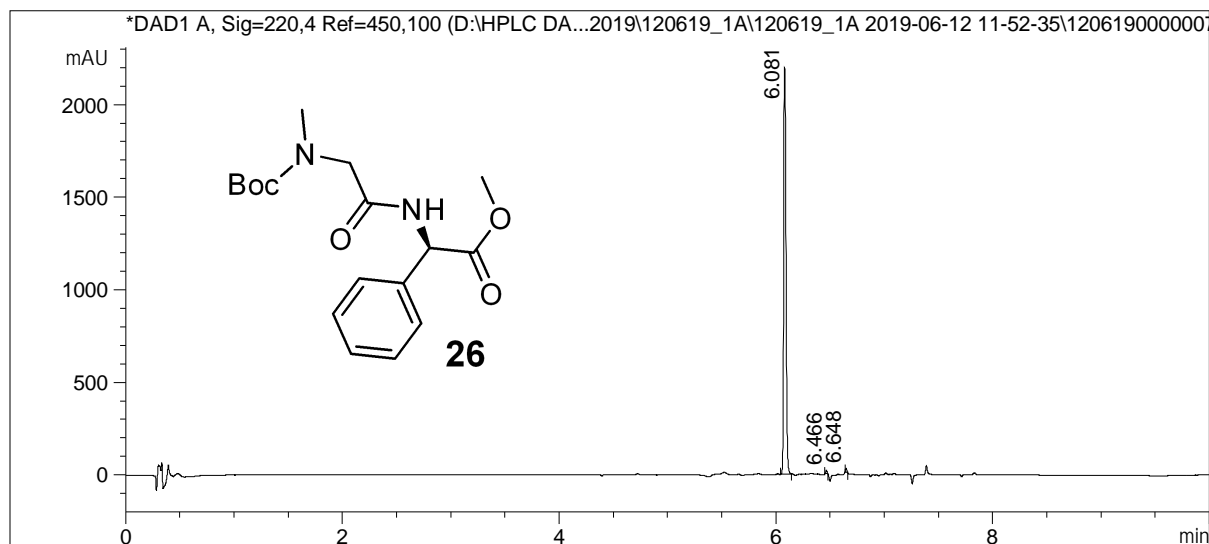


NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-139-A1

PROBE: ATB

Injection Date : Wed, 12. Jun. 2019 Seq Line : 7
 Sample Name : JBPBD1-JBL-C-1527-139-A1 P1-C-03
 Acq Operator : Manjunath Inj. No. : 1
 Data file: D:\HPLC DATA-2019\JUNE-201-> Inj. Vol. : 1 µl
 Injection Time 2:49:13 PM
 Acq. Method : D:\HPLC DATA-2019\June-2019\120619_1A\120619_1A 2019->
 Analysis Method :
 Kinetex EVO C18 (100 mm X 2.1 mm X 2.6 µm)
 Mobile phase (A) : 0.1 % Trifluoro acetic acid in Water
 Mobile phase (B) : ACN
 Flow rate : 0.75 ml/min
 B: 0/5, 3/5, 4/20, 8/90, 9/5, 10/5



Signal 1: DAD1 A, Sig=220,4 Ref=450,100

Peak #	RT [min]	Type	Width [min]	Area	Area %
1	6.081	MM	0.025	3287.659	99.114
2	6.466	MM	0.013	11.874	0.358
3	6.648	MM	0.014	17.500	0.528

JUBILANT BIOSYS, BANGALORE

Sample Name: JBPHD1-JBL-C-1527-139-A1

Processing Method: Methanol with 0.1% DEA

Test Type: HPLC/PDA

Done by : VINOD KUMAR

Sample Set Name: Methanol with 0.1% DEA

Vial: 95

Injection Volume: 10.00 ul

Proc. Chnl. Descr.: W2996 PDA 254.0 nm (PDA)

Date Acquired: 6/13/2019 2:45:56 PM IST

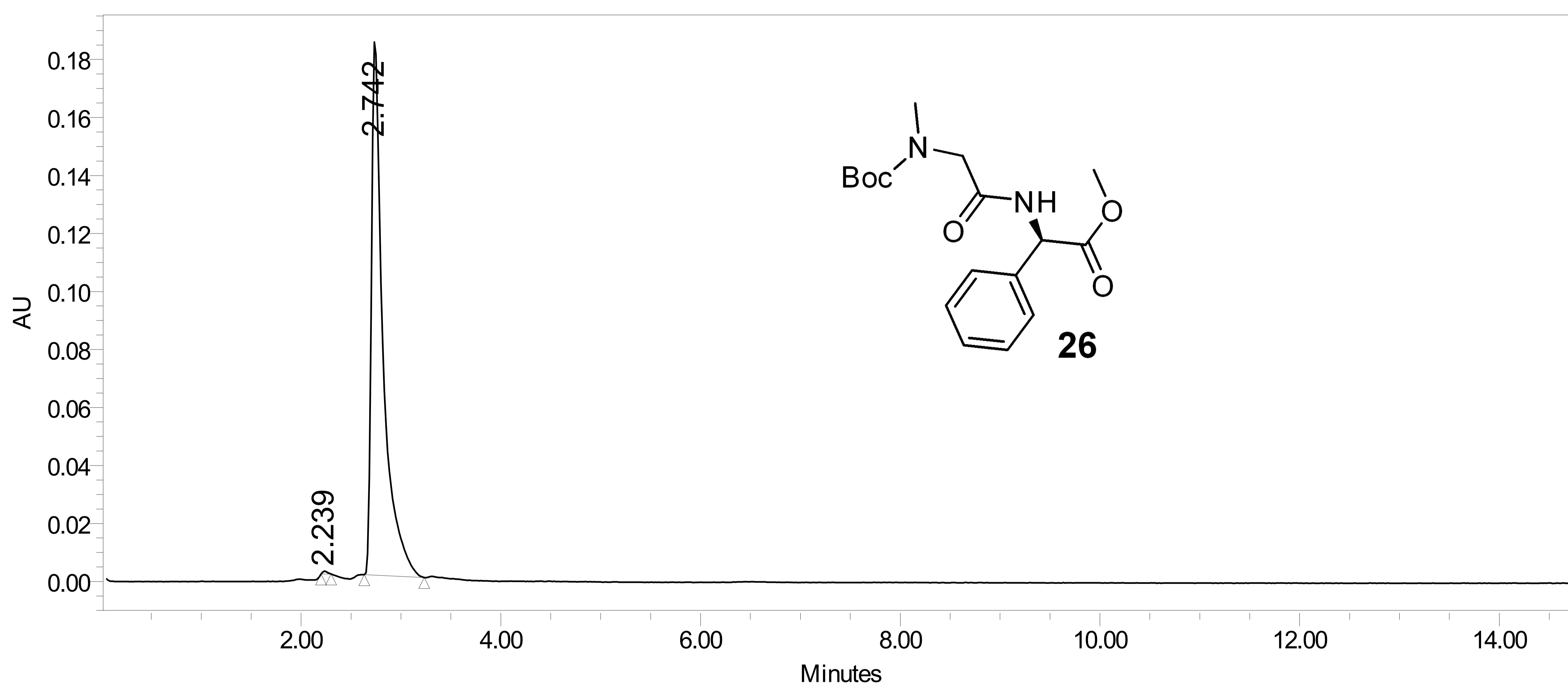
Date Processed: 6/13/2019 3:02:24 PM IST

Analytical conditions:

Column : CHIRALPAK IA(100 mm X 4.6mm X 3mic)

Mobile phase : Methanol With 0.1% DEA

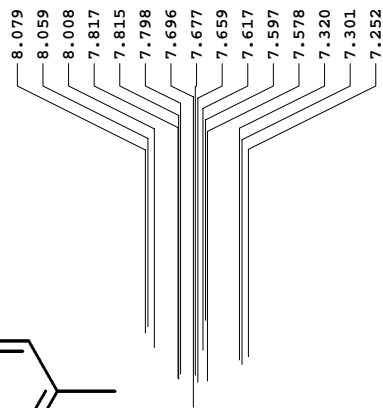
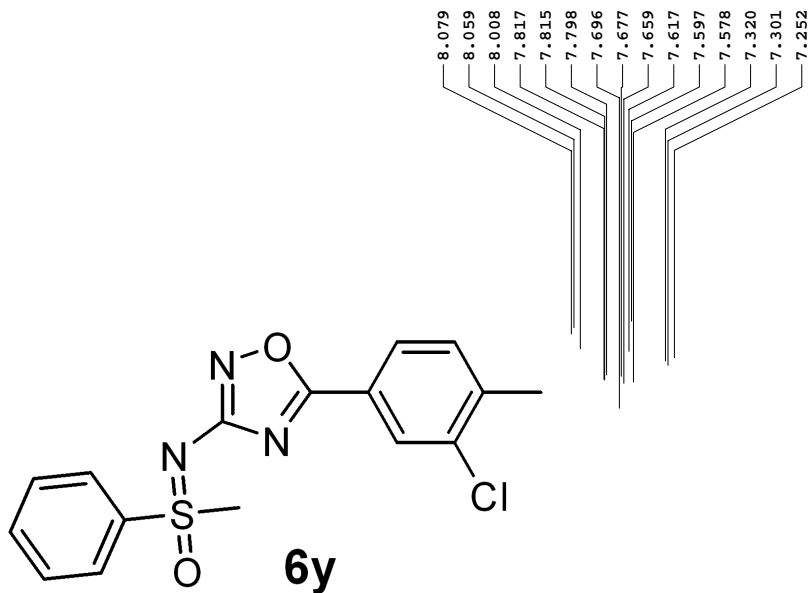
Flow rate : 0.5 mL/min



2.239	3191	0.21
2.742	1500243	99.79

CONFIDENTIAL

NUCLEUS : H1
 FRQ (MHz): 399.63
 AT (sec): 2.28
 SW (ppm): 17.98
 RD (sec): 1.00
 PW (usec): 4.60
 NT : 64
 Solvent : cdcl3
 NP : 64
 LB (Hz): 1.0
 TEMP (K): 373.15
 EXP : s2pul
 DATE : Sep 17 2019
 TIME : 16:00:44



3.423

2.415

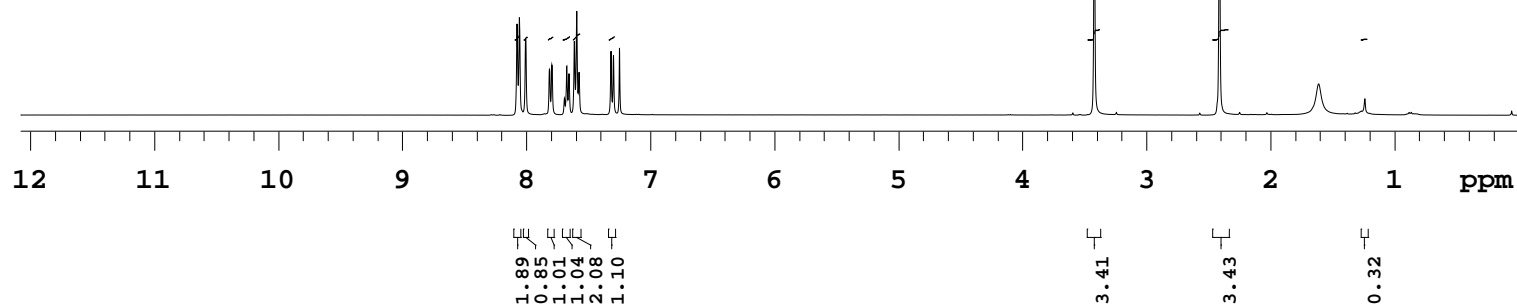
1.615

1.242

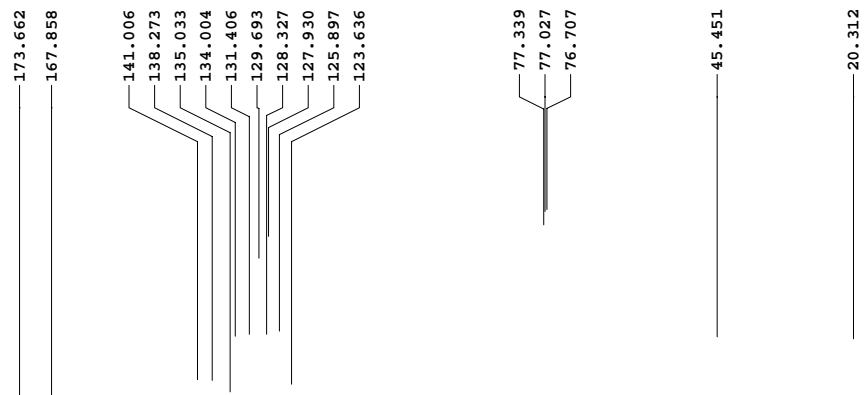
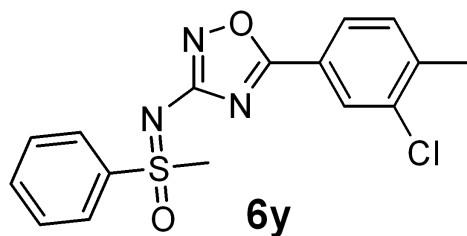


NMR REPORTS:

PROJECT NAME : JBPHD1-JBL-C-1527-123-Y1
 PROBE: ATB



NUCLEUS : C13
FRQ (MHz): 100.50
AT (sec): 1.18
SW (ppm): 276.40
RD (sec): 1.00
PW (usec): 5.10
NT : 5000
Solvent : cdcl3
NP : 5000
LB (Hz): 1.0
TEMP (K): 303.15
EXP : s2pul
DATE : Sep 19 2019
TIME : 02:08:28



NMR REPORTS:

PROJECT NAME : JBPFD1-JBL-C-1527-123-Y1

PROBE: ATB

