

Identification of Bis Cyclic Guanidines as Antiplasmodial Compounds from Positional Scanning Mixture Based Libraries

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Supporting Information

Pages 2-4: Building blocks used for the synthesis of library TPI-1955

Pages 5-7: Structures of all compounds derived from the deconvolution of library TPI- 1955

Pages 8-14: LCMS of reported active compounds

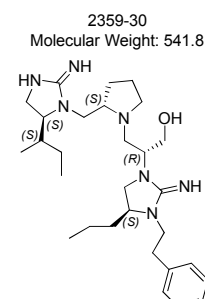
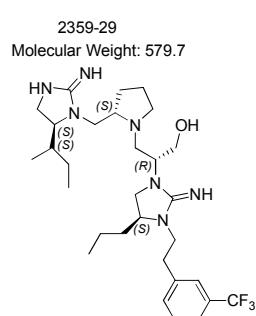
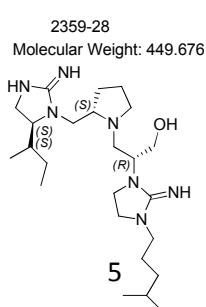
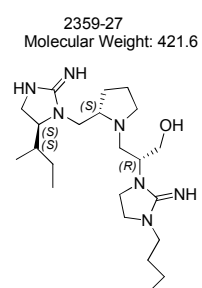
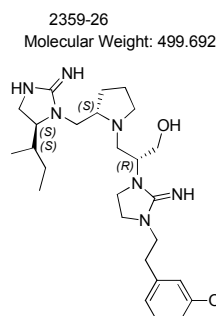
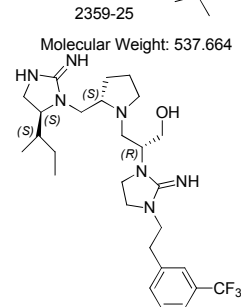
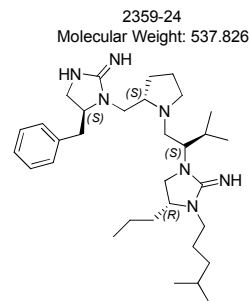
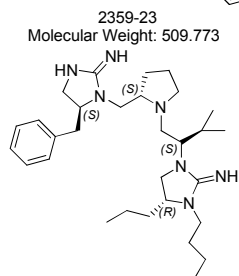
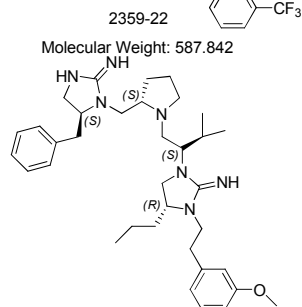
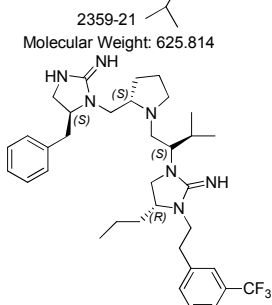
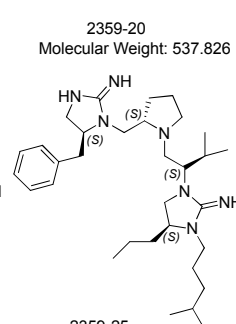
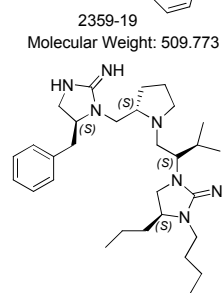
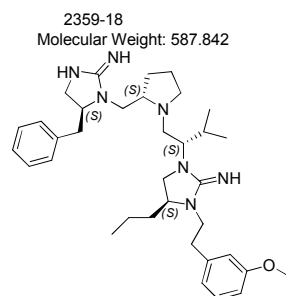
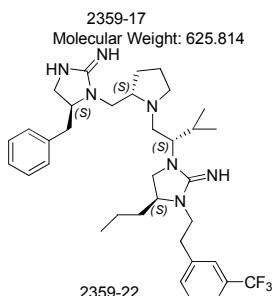
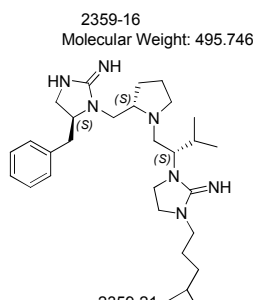
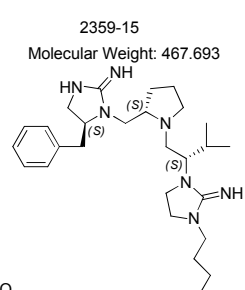
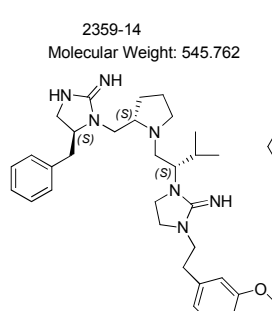
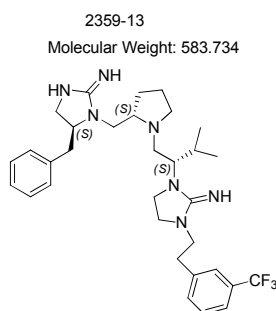
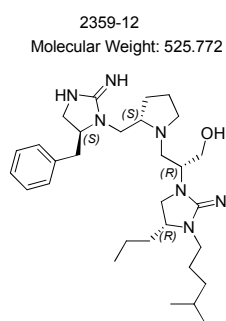
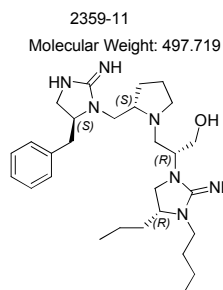
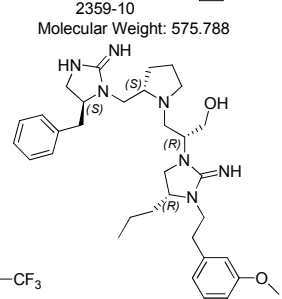
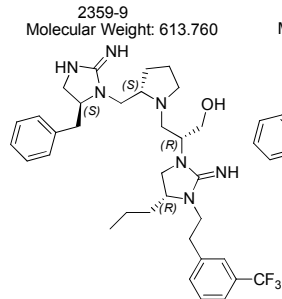
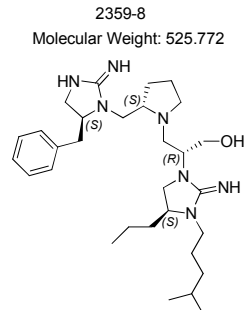
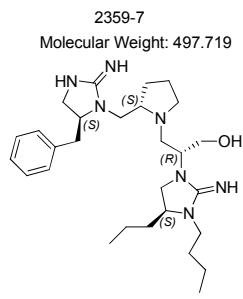
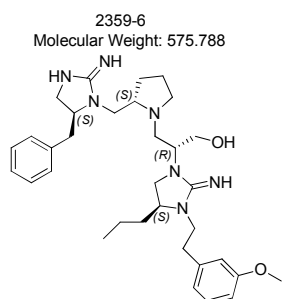
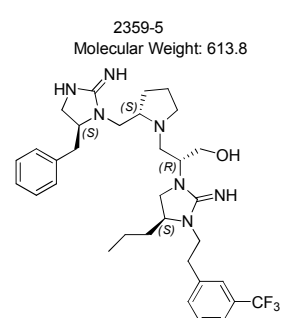
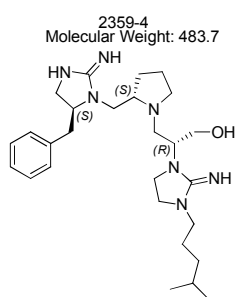
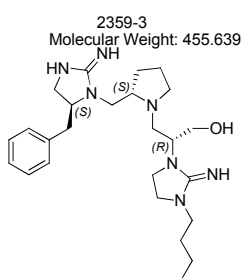
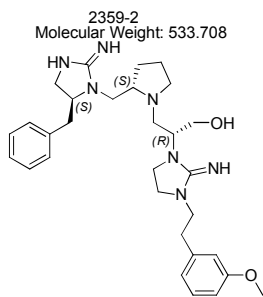
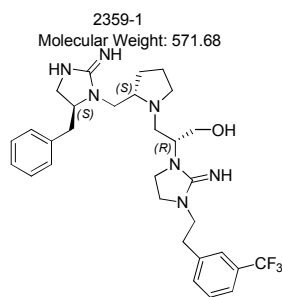
Pages 15-28: ¹H NMR and ¹³C of reported active compounds

Page 29: Stability in mouse plasma of compound TPI 2359-47

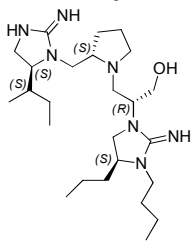
	R1	R2	R3	R4
TPI-1955-1	Boc-Ala-OH	X	X	X
TPI-1955-2	Boc-Phe-OH	X	X	X
TPI-1955-3	Boc-Gly-OH	X	X	X
TPI-1955-4	Boc-Ile-OH·½H ₂ O	X	X	X
TPI-1955-5	Boc-Leu-OH·H ₂ O	X	X	X
TPI-1955-6	Boc-Ser(Bzl)-oh	X	X	X
TPI-1955-7	Boc-Thr(Bzl)-OH	X	X	X
TPI-1955-8	Boc-Val-OH	X	X	X
TPI-1955-9	Boc-Tyr(2-Br-Z)-OH	X	X	X
TPI-1955-10	Boc-D-Ala-OH	X	X	X
TPI-1955-11	Boc-D-Phe-OH	X	X	X
TPI-1955-12	Boc-D-Ile-OH	X	X	X
TPI-1955-13	Boc-D-Leu-OH·H ₂ O	X	X	X
TPI-1955-14	Boc-D-Ser(Bzl)-oh	X	X	X
TPI-1955-15	Boc-D-Thr(Bzl)-OH	X	X	X
TPI-1955-16	Boc-D-Val-OH	X	X	X
TPI-1955-17	Boc-D-Tyr(2-Br-Z)-OH	X	X	X
TPI-1955-18	Boc-Phg-OH	X	X	X
TPI-1955-19	Boc-Nva-OH	X	X	X
TPI-1955-20	Boc-D-Nva-OH	X	X	X
TPI-1955-21	Boc-Nle-OH	X	X	X
TPI-1955-22	Boc-D-Nle-OH	X	X	X
TPI-1955-23	Boc-Ala(2-naphthyl)-OH	X	X	X
TPI-1955-24	Boc-D-Ala(2-naphthyl)-OH	X	X	X
TPI-1955-25	Boc-Cha-OH	X	X	X
TPI-1955-26	Boc-D-Cha-OH	X	X	X
TPI-1955-27	X	Boc-Ala-OH	X	X
TPI-1955-28	X	Boc-Phe-OH	X	X
TPI-1955-29	X	Boc-Gly-OH	X	X
TPI-1955-30	X	Boc-Ile-OH·½H ₂ O	X	X
TPI-1955-31	X	Boc-Leu-OH·H ₂ O	X	X
TPI-1955-32	X	Boc-Ser(Bzl)-oh	X	X
TPI-1955-33	X	Boc-Thr(Bzl)-OH	X	X
TPI-1955-34	X	Boc-Val-OH	X	X
TPI-1955-35	X	Boc-Tyr(2-Br-Z)-OH	X	X
TPI-1955-36	X	Boc-D-Ala-OH	X	X
TPI-1955-37	X	Boc-D-Phe-OH	X	X
TPI-1955-38	X	Boc-D-Ile-OH	X	X
TPI-1955-39	X	Boc-D-Leu-OH·H ₂ O	X	X
TPI-1955-40	X	Boc-D-Ser(Bzl)-oh	X	X

TPI-1955-41	X	Boc-D-Thr(Bzl)-OH	X	X
TPI-1955-42	X	Boc-D-Val-OH	X	X
TPI-1955-43	X	Boc-D-Tyr(2-Br-Z)-OH	X	X
TPI-1955-44	X	Boc-Phg-OH	X	X
TPI-1955-45	X	Boc-Nva-OH	X	X
TPI-1955-46	X	Boc-D-Nva-OH	X	X
TPI-1955-47	X	Boc-Nle-OH	X	X
TPI-1955-48	X	Boc-D-Nle-OH	X	X
TPI-1955-49	X	Boc-Ala(2-naphthyl)-OH	X	X
TPI-1955-50	X	Boc-D-Ala(2-naphthyl)-OH	X	X
TPI-1955-51	X	Boc-Cha-OH	X	X
TPI-1955-52	X	Boc-D-Cha-OH	X	X
TPI-1955-53	X	X	Boc-Ala-OH	X
TPI-1955-54	X	X	Boc-Phe-OH	X
TPI-1955-55	X	X	Boc-Gly-OH	X
TPI-1955-56	X	X	Boc-Ile-OH·½H ₂ O	X
TPI-1955-57	X	X	Boc-Leu-OH·H ₂ O	X
TPI-1955-58	X	X	Boc-Ser(Bzl)-oh	X
TPI-1955-59	X	X	Boc-Thr(Bzl)-OH	X
TPI-1955-60	X	X	Boc-Val-OH	X
TPI-1955-61	X	X	Boc-Tyr(2-Br-Z)-OH	X
TPI-1955-62	X	X	Boc-D-Ala-OH	X
TPI-1955-63	X	X	Boc-D-Phe-OH	X
TPI-1955-64	X	X	Boc-D-Ile-OH	X
TPI-1955-65	X	X	Boc-D-Leu-OH·H ₂ O	X
TPI-1955-66	X	X	Boc-D-Ser(Bzl)-oh	X
TPI-1955-67	X	X	Boc-D-Thr(Bzl)-OH	X
TPI-1955-68	X	X	Boc-D-Val-OH	X
TPI-1955-69	X	X	Boc-D-Tyr(2-Br-Z)-OH	X
TPI-1955-70	X	X	Boc-Phg-OH	X
TPI-1955-71	X	X	Boc-Nva-OH	X
TPI-1955-72	X	X	Boc-D-Nva-OH	X
TPI-1955-73	X	X	Boc-Nle-OH	X
TPI-1955-74	X	X	Boc-D-Nle-OH	X
TPI-1955-75	X	X	Boc-Ala(2-naphthyl)-OH	X
TPI-1955-76	X	X	Boc-D-Ala(2-naphthyl)-OH	X
TPI-1955-77	X	X	Boc-Cha-OH	X
TPI-1955-78	X	X	Boc-D-Cha-OH	X
TPI-1955-79	X	X	X	1-phenyl-1-cyclopropanecarboxylic acid
TPI-1955-80	X	X	X	2-Phenylbutyric Acid
TPI-1955-81	X	X	X	3-Phenylbutyric Acid
TPI-1955-82	X	X	X	m-Tolylacetic acid

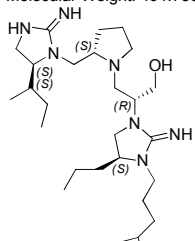
TPI-1955-83	X	X	X	3-Fluorophenylacetic Acid
TPI-1955-84	X	X	X	3-Bromophenylacetic Acid
TPI-1955-85	X	X	X	(α , α , α Trifluoro-m-Toly) acetic acid
TPI-1955-86	X	X	X	p-Tolylacetic acid
TPI-1955-87	X	X	X	4-Fluorophenylacetic acid
TPI-1955-88	X	X	X	3-Methoxyphenylacetic acid
TPI-1955-89	X	X	X	4-Bromophenylacetic acid
TPI-1955-90	X	X	X	4-Methoxyphenylacetic acid
TPI-1955-91	X	X	X	4-ethoxyphenylacetic acid
TPI-1955-92	X	X	X	4-isobutyl-alpha-Methylphenylacetic Acid
TPI-1955-93	X	X	X	3,4-Dichlorophenylacetic acid
TPI-1955-94	X	X	X	3,5-Bis(Trifluoromethyl)-Phenylacetic acid
TPI-1955-95	X	X	X	3-(3,4-Dimethoxyphenyl)-propionic Acid
TPI-1955-96	X	X	X	Phenylacetic acid
TPI-1955-97	X	X	X	3,4,5-Trimethoxybenzoic acid
TPI-1955-98	X	X	X	Butyric Acid
TPI-1955-99	X	X	X	Heptanoic Acid
TPI-1955-100	X	X	X	Isobutyric Acid
TPI-1955-101	X	X	X	2-Methylbutiric Acid
TPI-1955-102	X	X	X	Isovaleric acid
TPI-1955-103	X	X	X	3-Methylvaleric acid
TPI-1955-104	X	X	X	4-Methylvaleric acid
TPI-1955-105	X	X	X	p-Toluic Acid
TPI-1955-106	X	X	X	cyclopentanecarboxylic acid
TPI-1955-107	X	X	X	cyclohexanecarboxylic acid
TPI-1955-108	X	X	X	cyclohexylacetic acid
TPI-1955-109	X	X	X	cyclohexanecarboxylic acid
TPI-1955-110	X	X	X	cycloheptanecarboxylic acid
TPI-1955-111	X	X	X	2-Methylcyclopropanecarboxylic acid
TPI-1955-112	X	X	X	cyclobutanecarboxylic acid
TPI-1955-113	X	X	X	3-cyclopentylpropionic acid
TPI-1955-114	X	X	X	cyclohexanecarboxylic acid
TPI-1955-115	X	X	X	4-methyl-1-cyclohexanecarboxylic acid
TPI-1955-116	X	X	X	4-tert-butyl-cyclohexanecarboxylic acid
TPI-1955-117	X	X	X	4-biphenylacetic acid
TPI-1955-118	X	X	X	1-Adamantanecarboxylic acid
TPI-1955-119	X	X	X	1-adamantaneacetic acid
TPI-1955-120	X	X	X	2-norbornaneacetic acid



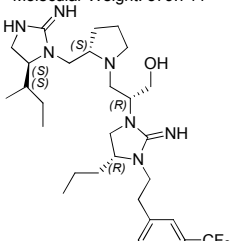
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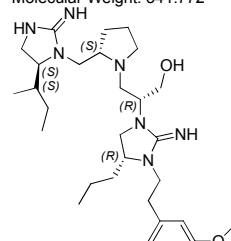
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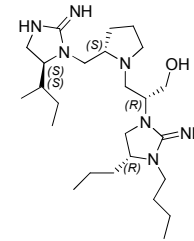
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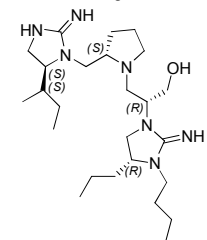
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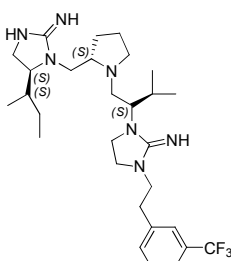
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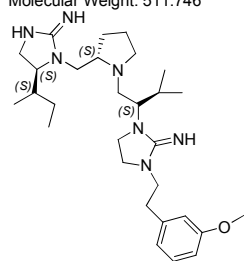
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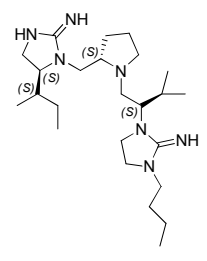
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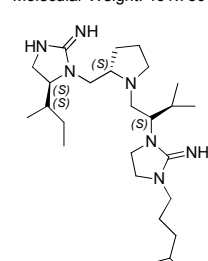
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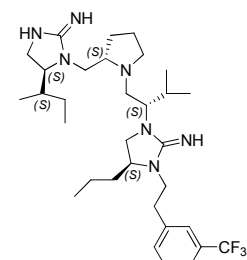
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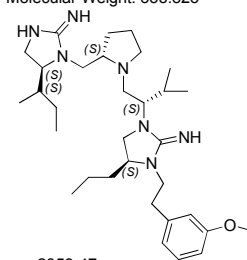
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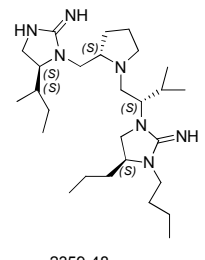
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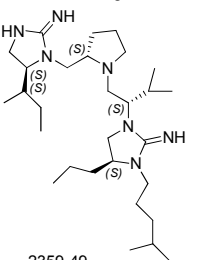
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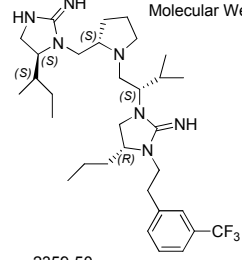
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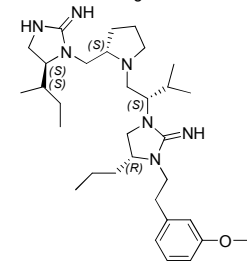
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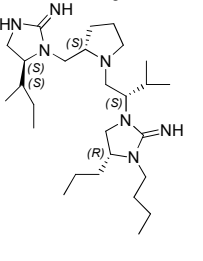
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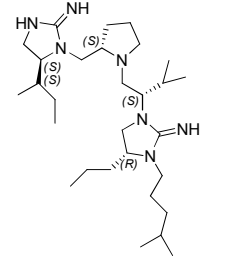
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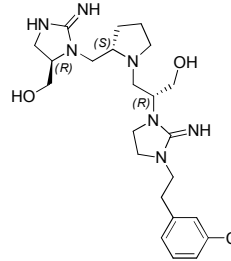
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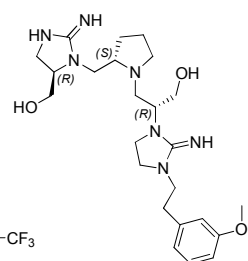
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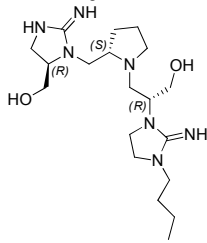
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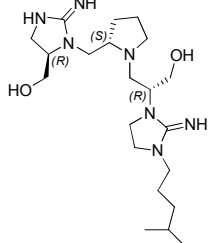
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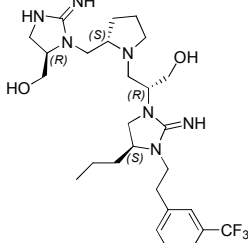
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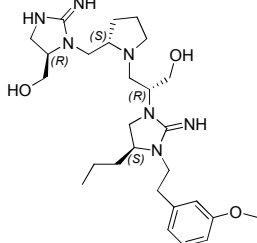
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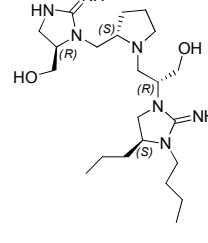
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Molecular Weight: 553.663



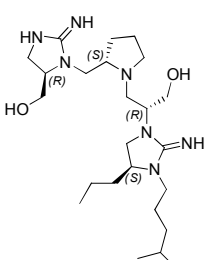
2359-54
Molecular Weight: 515.691



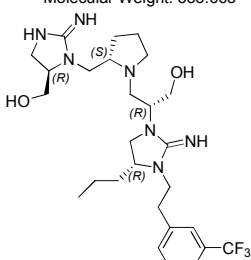
2359-55
Molecular Weight: 437.623



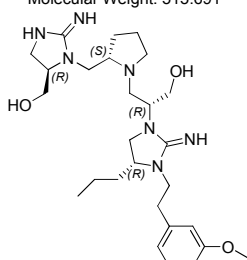
2359-56
Molecular Weight: 465.676



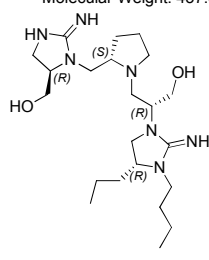
2359-57
Molecular Weight: 553.663



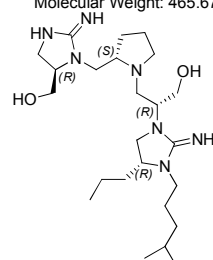
2359-58
Molecular Weight: 515.691



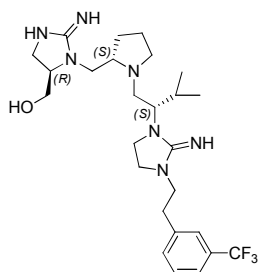
2359-59
Molecular Weight: 437.623



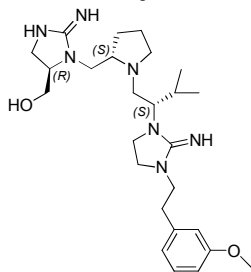
2359-60
Molecular Weight: 465.676



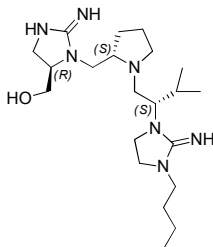
2359-61
Molecular Weight: 523.637



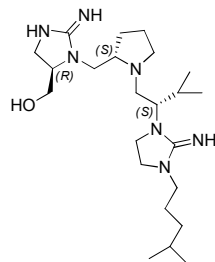
2359-62
Molecular Weight: 485.665



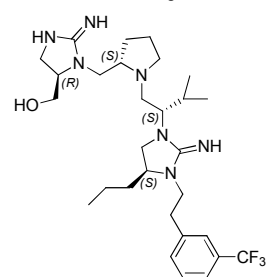
2359-63
Molecular Weight: 407.597



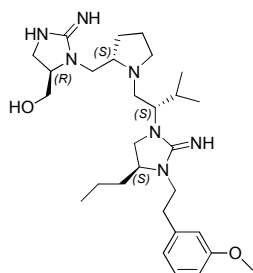
2359-64
Molecular Weight: 435.650



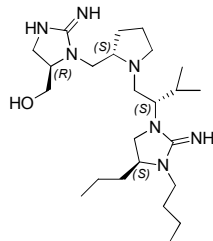
2359-65
Molecular Weight: 565.717



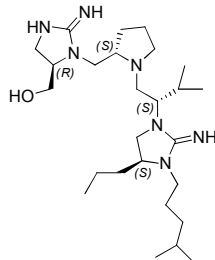
2359-66
Molecular Weight: 527.745



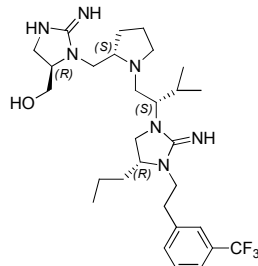
2359-67
Molecular Weight: 449.676



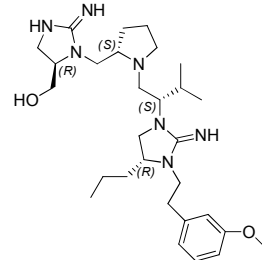
2359-68
Molecular Weight: 477.729



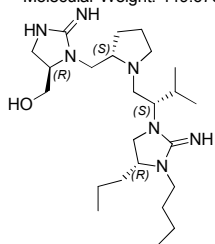
2359-69
Molecular Weight: 565.717



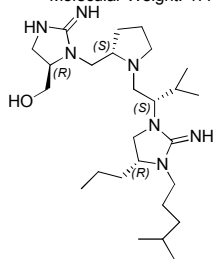
2359-70
Molecular Weight: 527.745



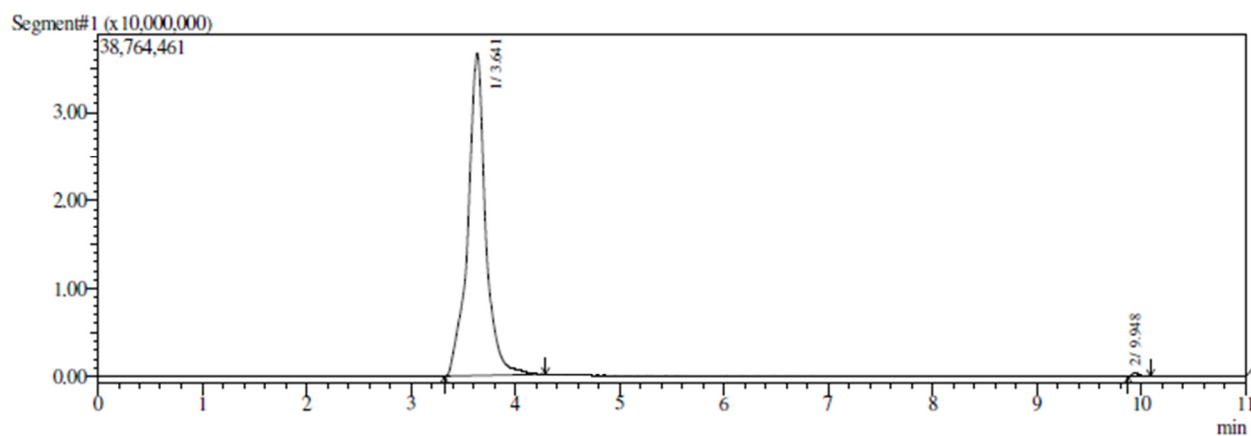
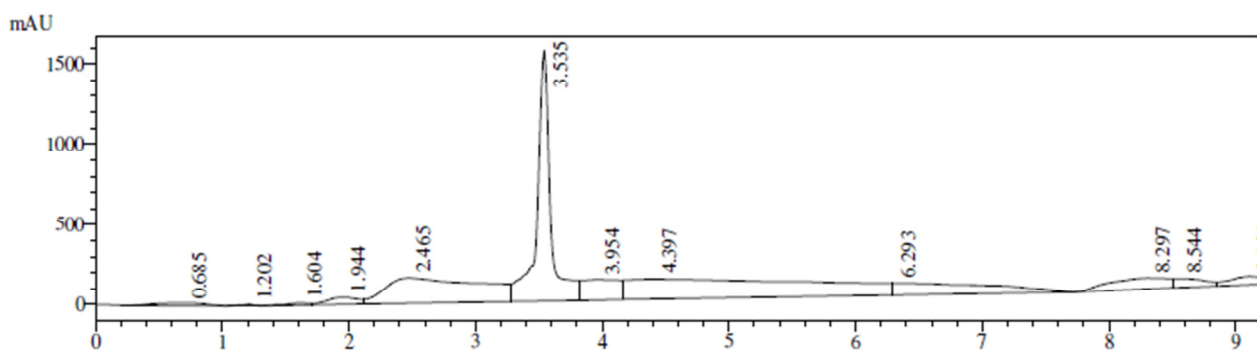
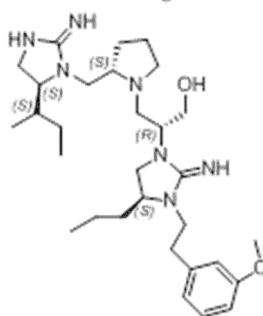
2359-71
Molecular Weight: 449.676



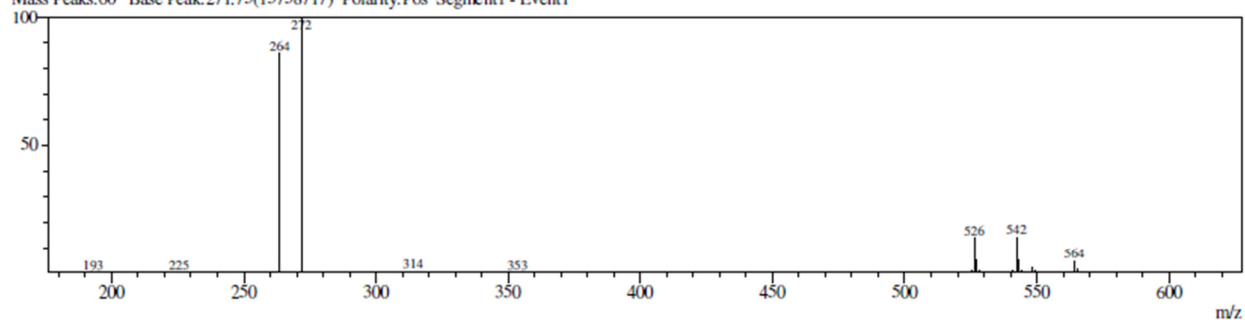
2359-72
Molecular Weight: 477.729



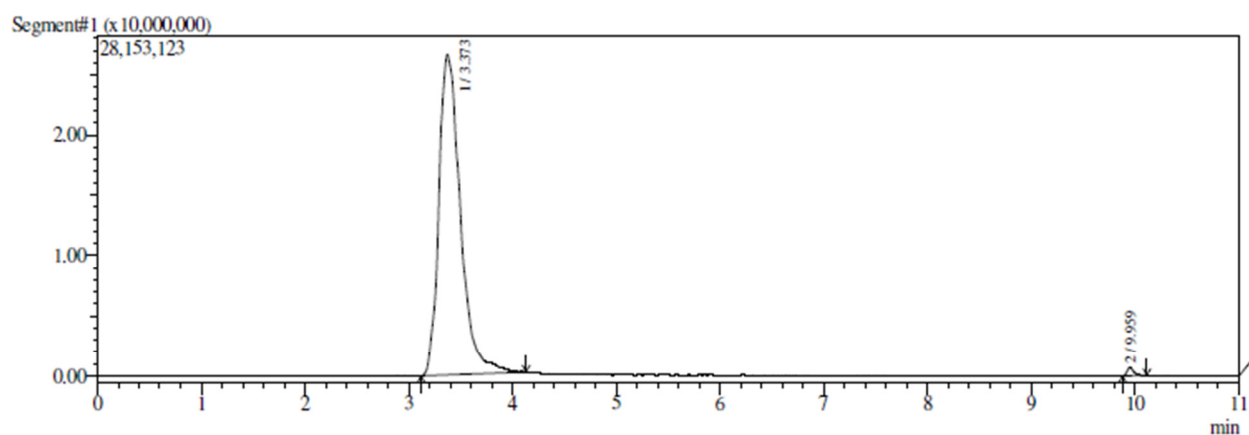
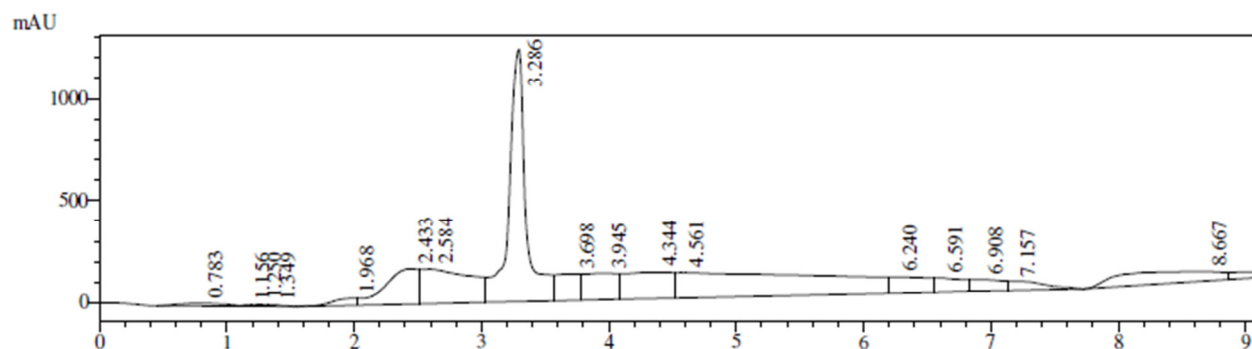
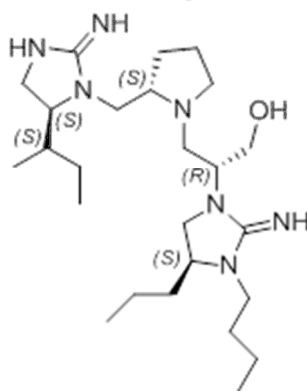
2359-30
Molecular Weight: 541.77



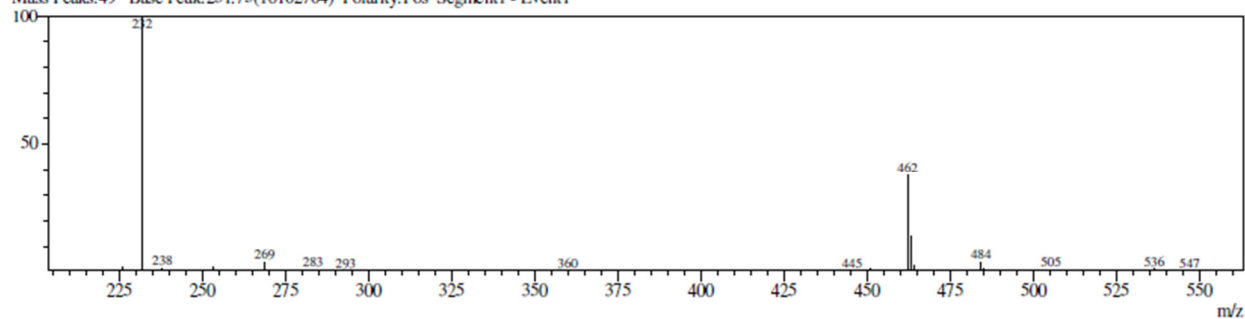
Peak#:1 Ret.Time:Averaged 3.637-3.643(Scan#:1092-1094)
BG Mode:Calc 3.320<->4.290(997<->1288)
Mass Peaks:60 Base Peak:271.75(15758717) Polarity:Pos Segment1 - Event1



2359-31
Molecular Weight: 463.703

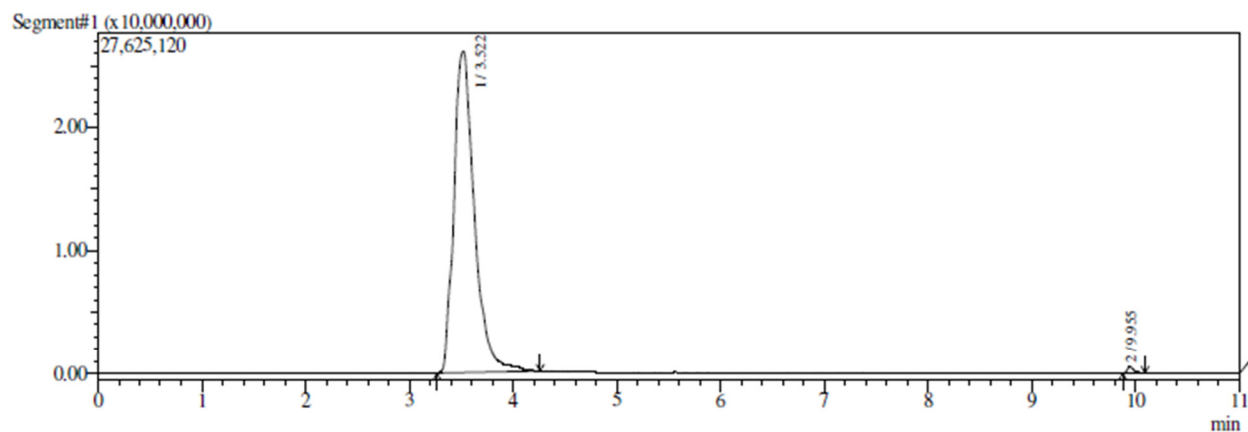
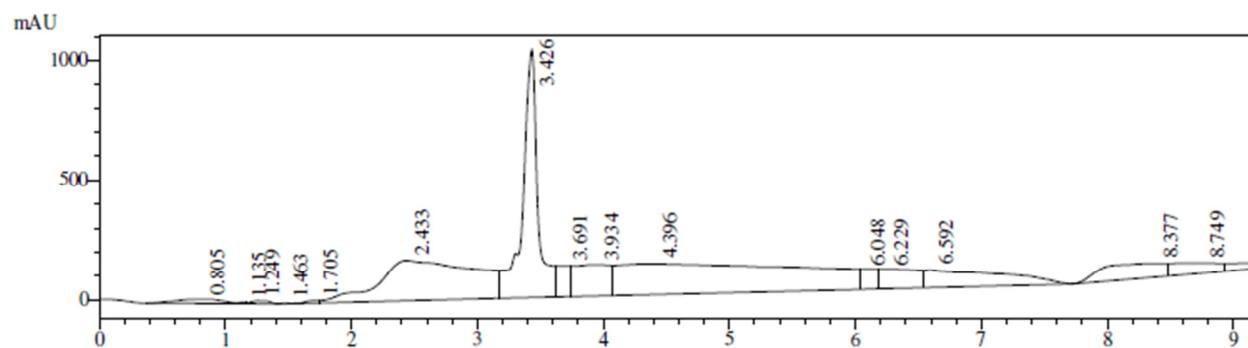
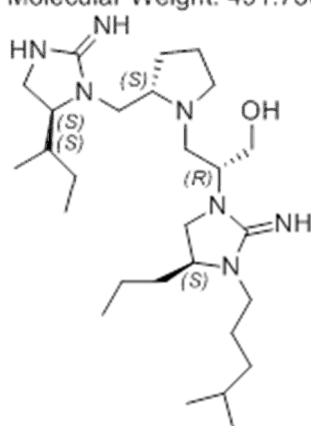


Peak#:1 Ret.Time:Averaged 3.370-3.377(Scan#:1012-1014)
BG Mode:Calc 3.120<->4.130(937<->1240)
Mass Peaks:49 Base Peak:231.75(16102704) Polarity:Pos Segment1 - Event1

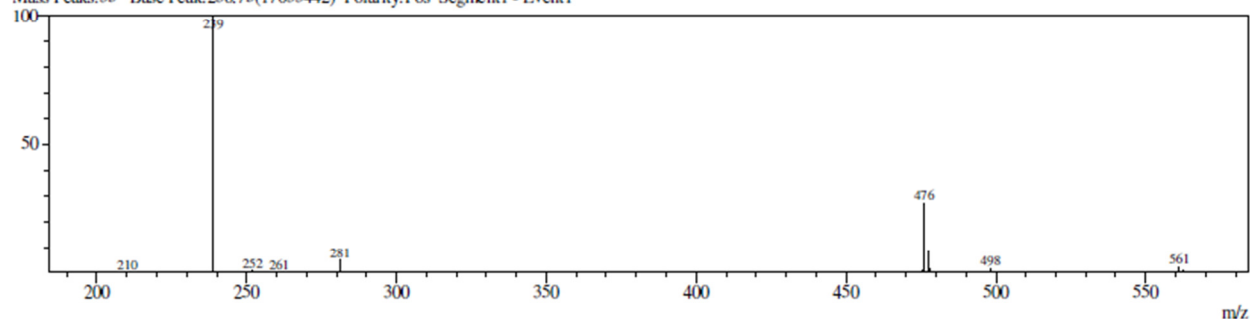


2359-32

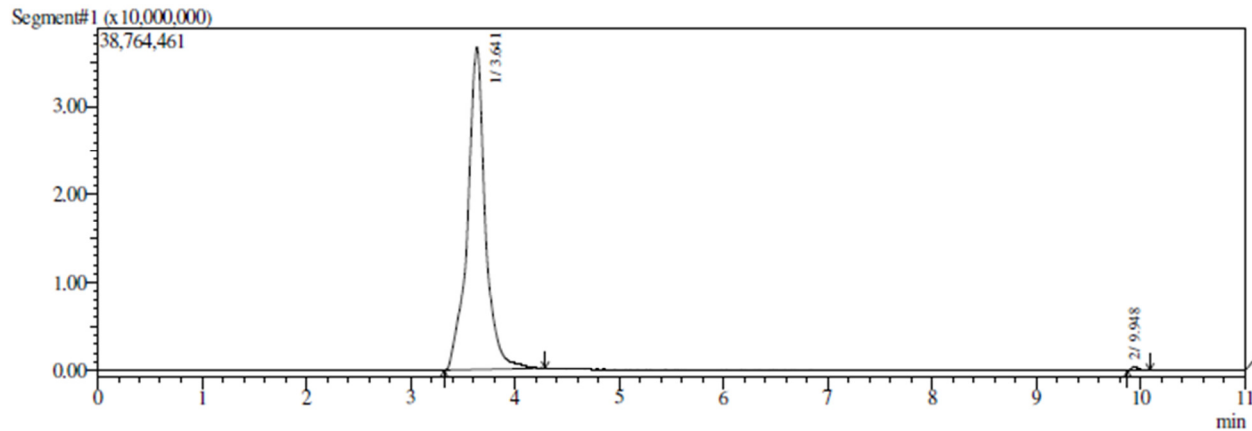
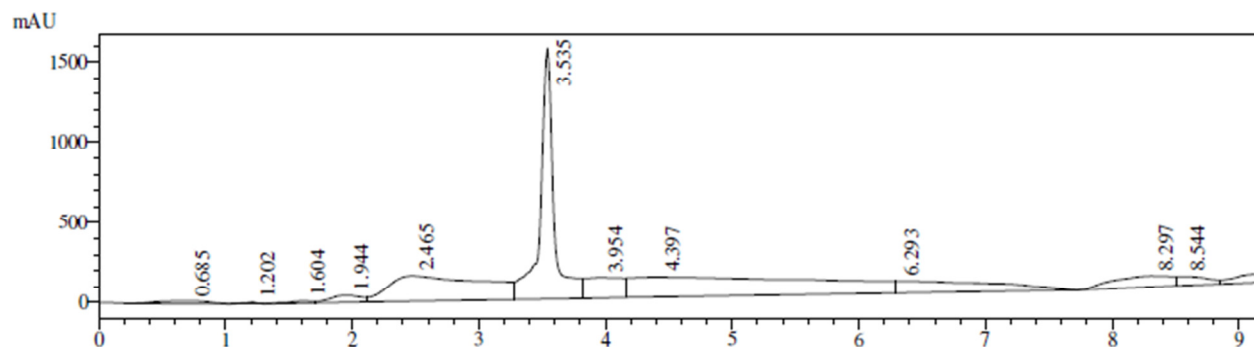
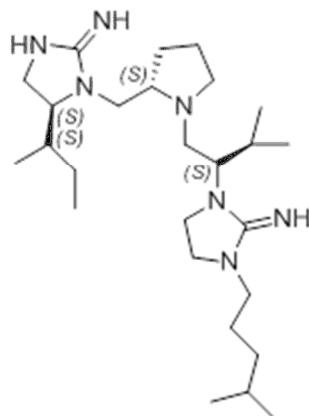
Molecular Weight: 491.756



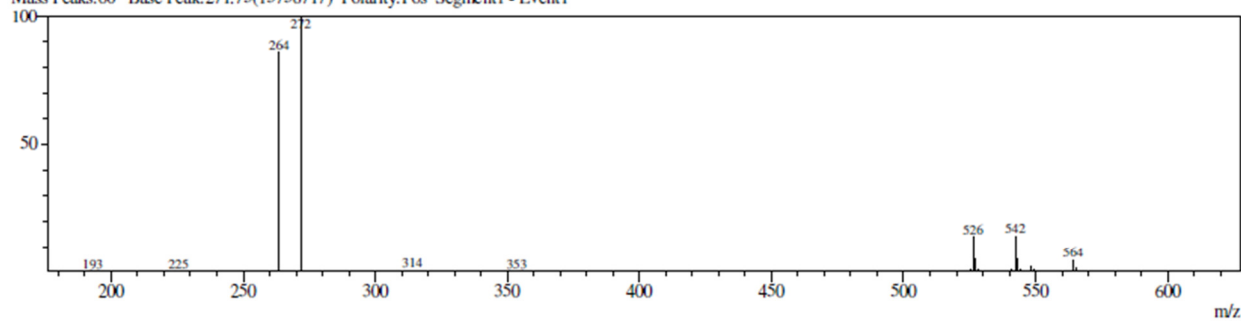
Peak#1 Ret.Time:Averaged 3.520-3.527(Scan#:1057-1059)
 BG Mode:Calc 3.267<->4.260(981<->1279)
 Mass Peaks:35 Base Peak:238.75(17033442) Polarity:Pos Segment1 - Event1



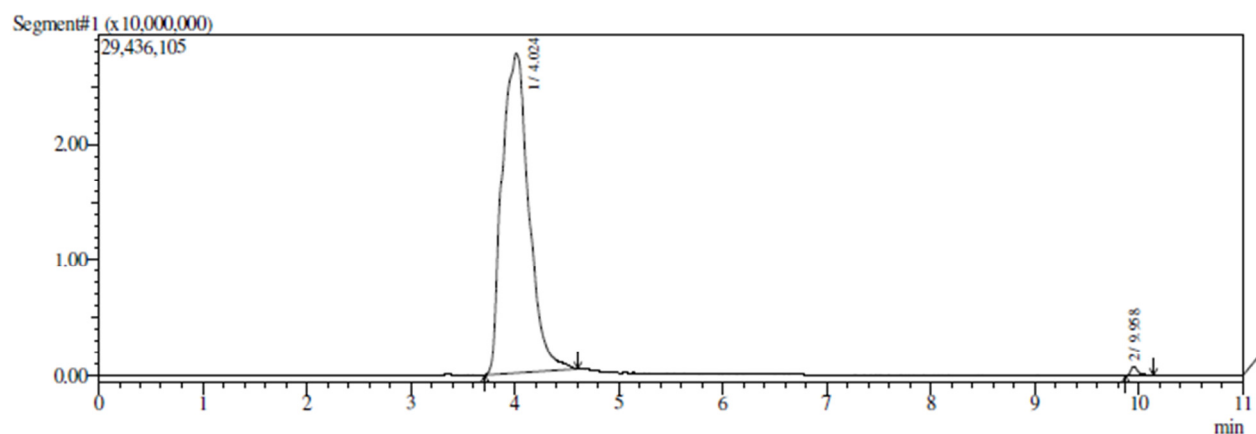
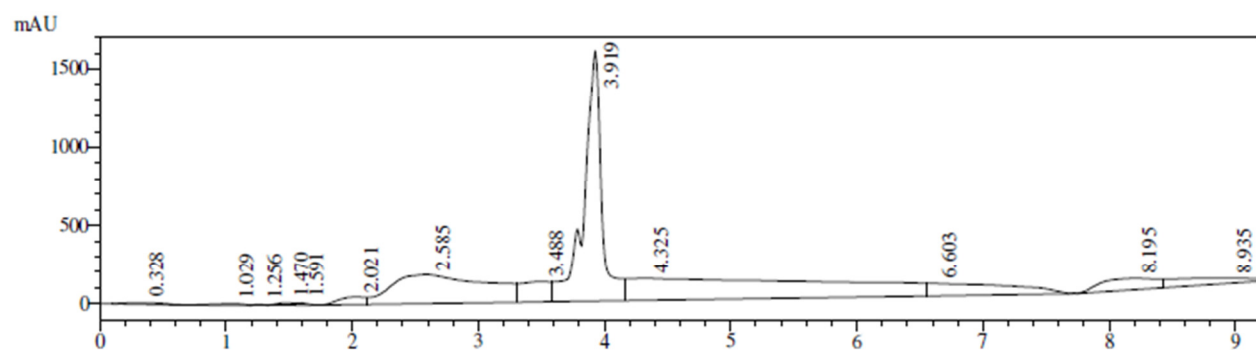
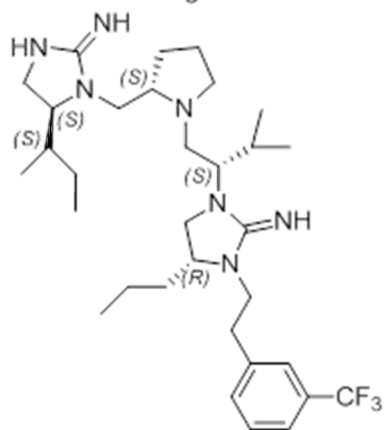
2359-40
Molecular Weight: 461.730



Peak#:1 Ret.Time:Averaged 3.637-3.643(Scan#:1092-1094)
BG Mode:Calc 3.320<->4.290(997<->1288)
Mass Peaks:60 Base Peak:271.75(15758717) Polarity:Pos Segment1 - Event1



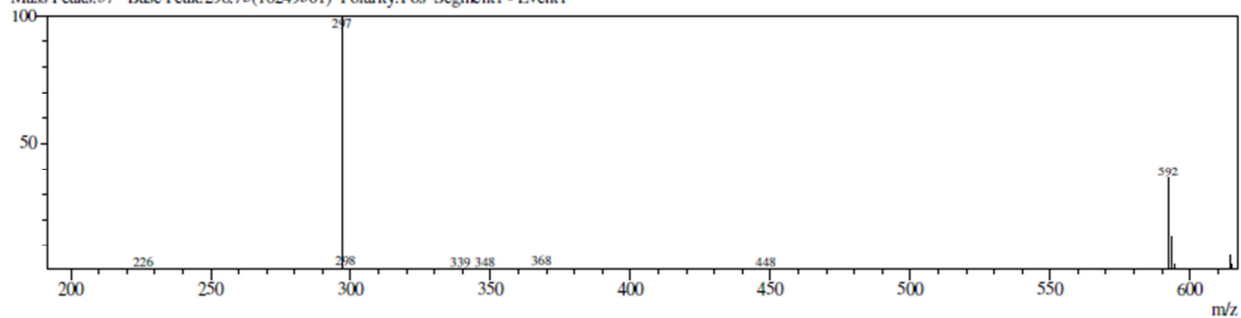
2359-45
Molecular Weight: 591.80



Peak#1 Ret.Time:Averaged 4.020-4.027(Scan#:1207-1209)

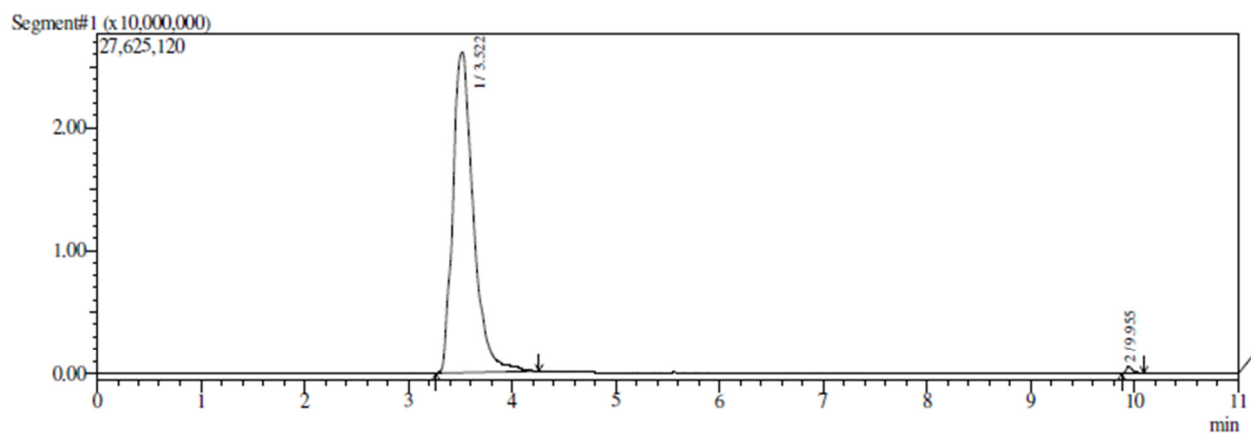
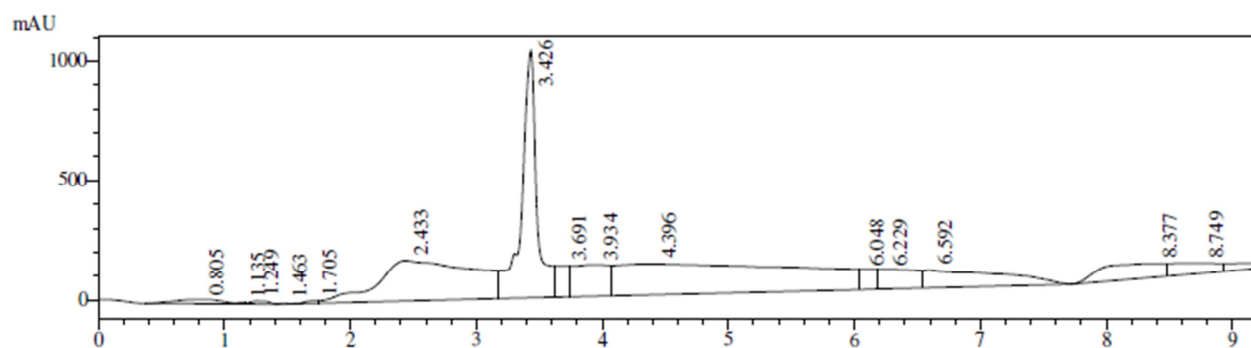
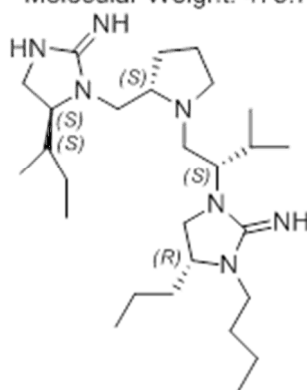
BG Mode:Calc 3.713<->4.607(1115<->1383)

Mass Peaks:37 Base Peak:296.75(16249501) Polarity:Pos Segment1 - Event1

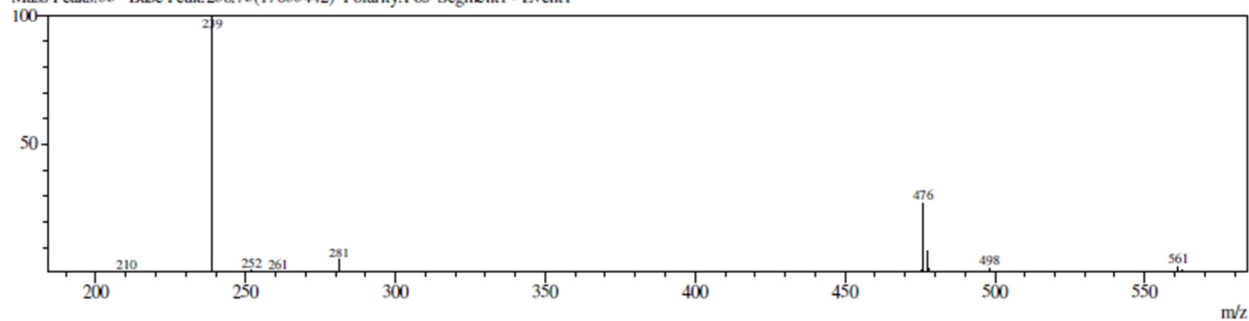


2359-47

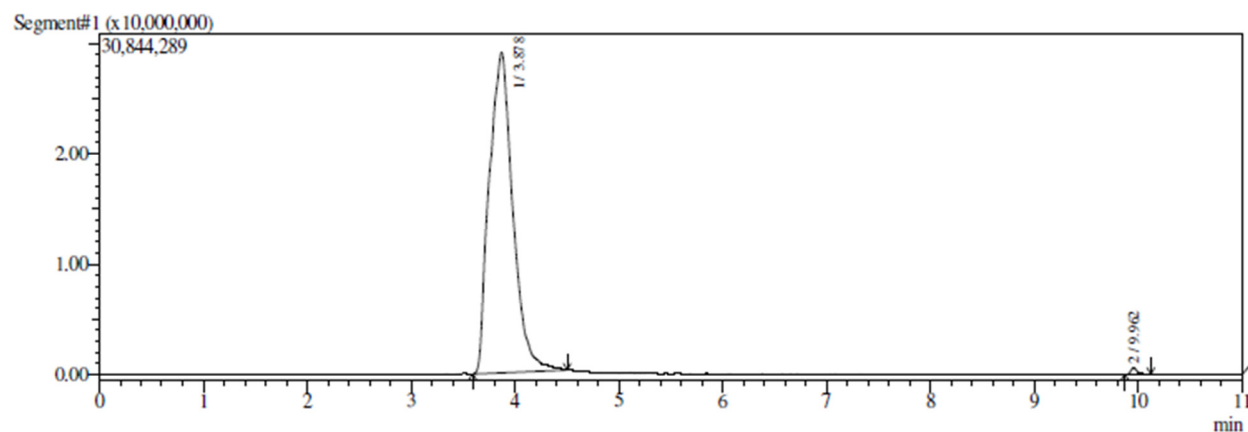
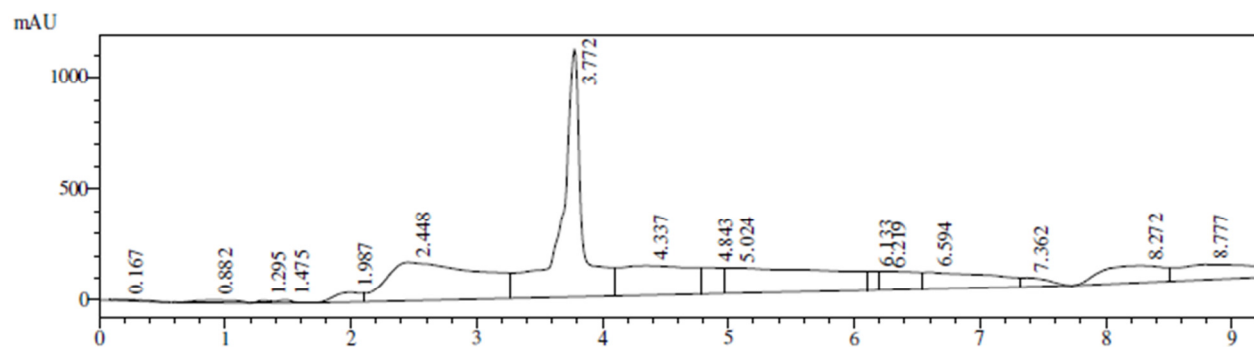
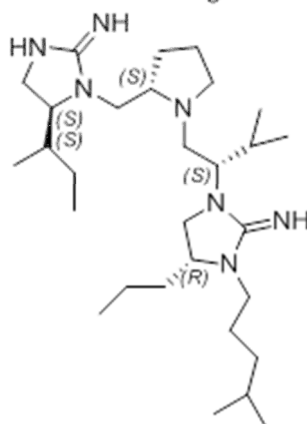
Molecular Weight: 475.757



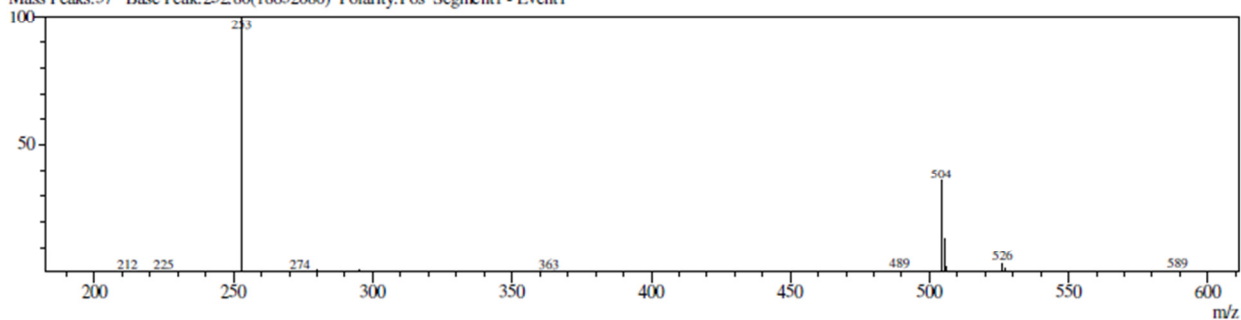
Peak#:1 Ret.Time:Averaged 3.520-3.527(Scan#:1057-1059)
BG Mode:Calc 3.267<->4.260(981<->1279)
Mass Peaks:35 Base Peak:238.75(17033442) Polarity:Pos Segment1 - Event1



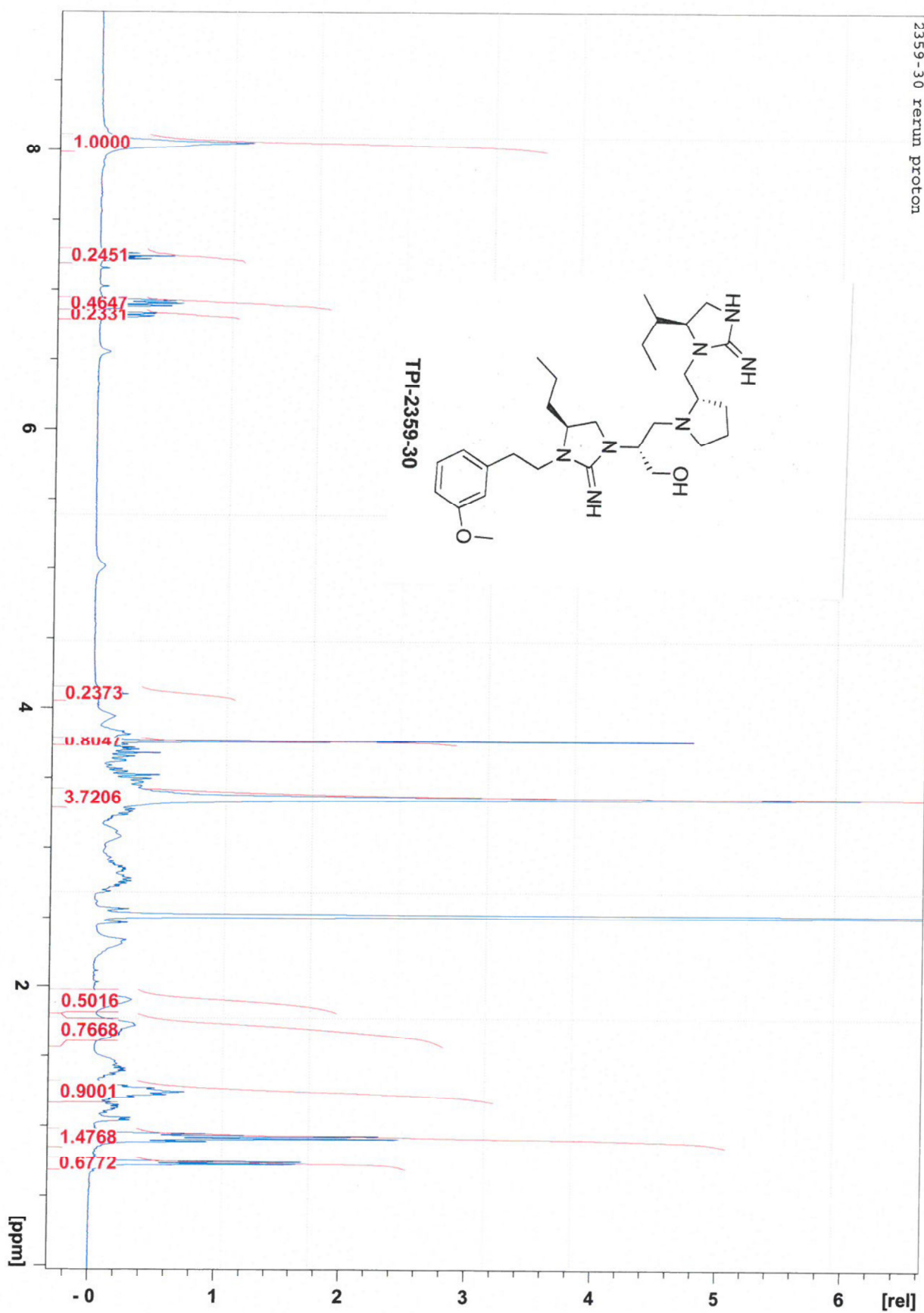
2359-48
Molecular Weight: 503.810



Peak#:1 Ret.Time:Averaged 3.873-3.880(Scan#:1163-1165)
BG Mode:Calc 3.593<->4.503(1079<->1352)
Mass Peaks:37 Base Peak:252.80(18632080) Polarity:Pos Segment1 - Event1

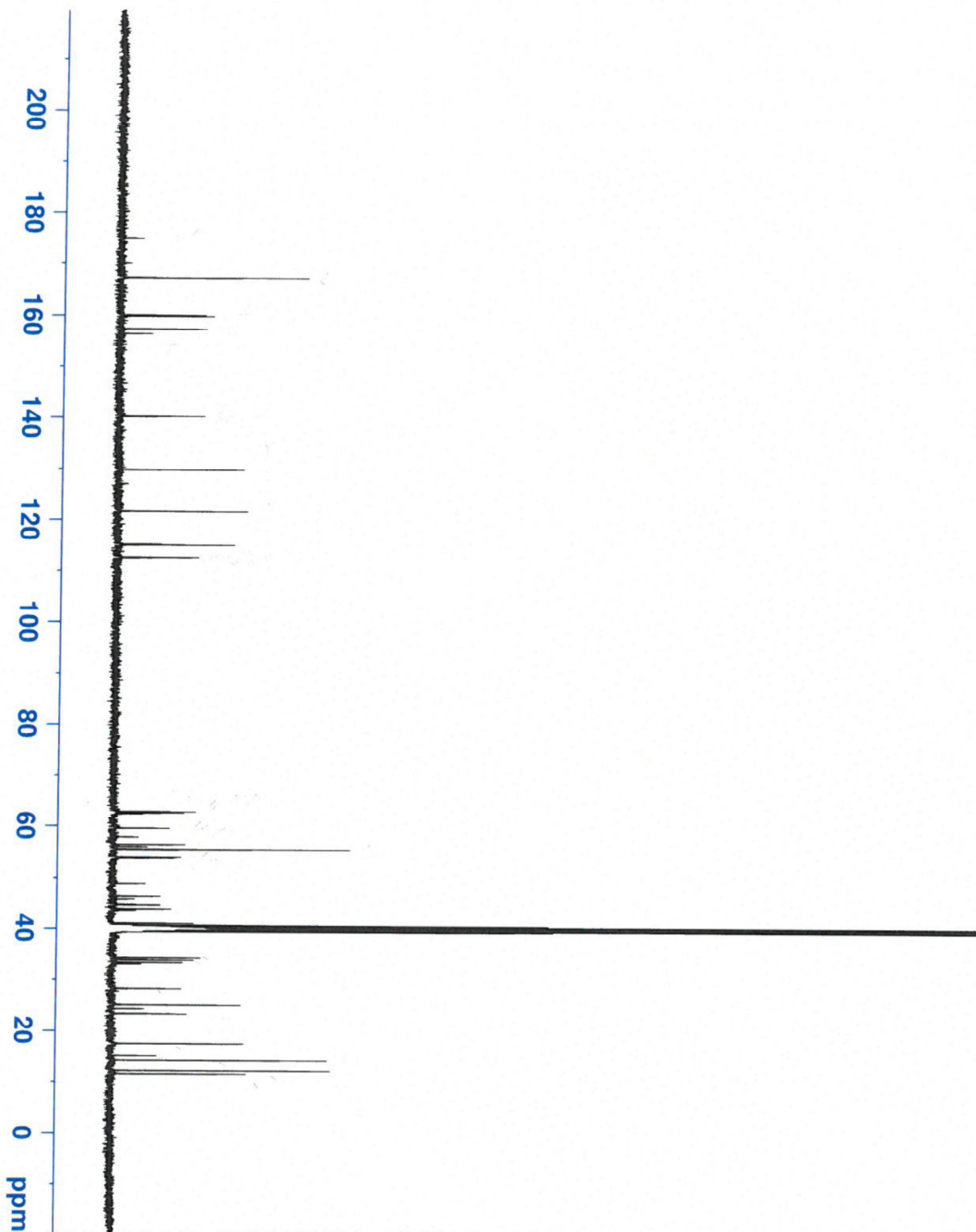


Nov15-2017-jdavis 10 1 H:\jdavis
2359-30 rerun proton



2359-30 pure C13

174.99
167.19
160.05
160.00
159.84
159.82
157.33
156.38
140.18
140.11
129.82
129.77
121.69
121.66
115.12
114.98
112.55
112.47
62.87
62.76
62.60
62.41
59.54
57.85
56.39
55.96
55.47
55.42
53.97
53.85
48.91
46.29
45.75
44.72
44.60
43.78
43.52
41.03
40.68
40.47
40.26
40.05
39.84
39.63
39.42
34.15
33.75
33.27
32.96
28.23
25.11
24.36
23.43
23.37



Current Data Parameters
NAME Oct23-2017-jdavis
EXPNO 21
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171023

Time 16.26

INSTRUM spect

PROBHD 5 mm PABBO BB/

PULPROG zgpg30

TD 65536

SOLVENT DMSO

NS 2048

DS 4

SWH 24038.461 Hz

FIDRES 0.366798 Hz

AQ 1.3631488 sec

RG 208.24

DW 20.800 usec

DE 6.50 usec

TE 299.6 K

D1 2.00000000 sec

D11 0.03000000 sec

TD0 1

===== CHANNEL f1 =====

SFO1 100.6278588 MHz

NUC1 13C

P1 10.00 usec

PLM1 64.00000000 W

===== CHANNEL f2 =====

SFO2 400.1516006 MHz

NUC2 1H

CPDPRG12 waltz16

PCPD2 90.00 usec

PLW2 29.00000000 W

PLM12 0.35802001 W

PLM13 0.28999999 W

F2 - Processing parameters

SI 32768

SF 100.6177980 MHz

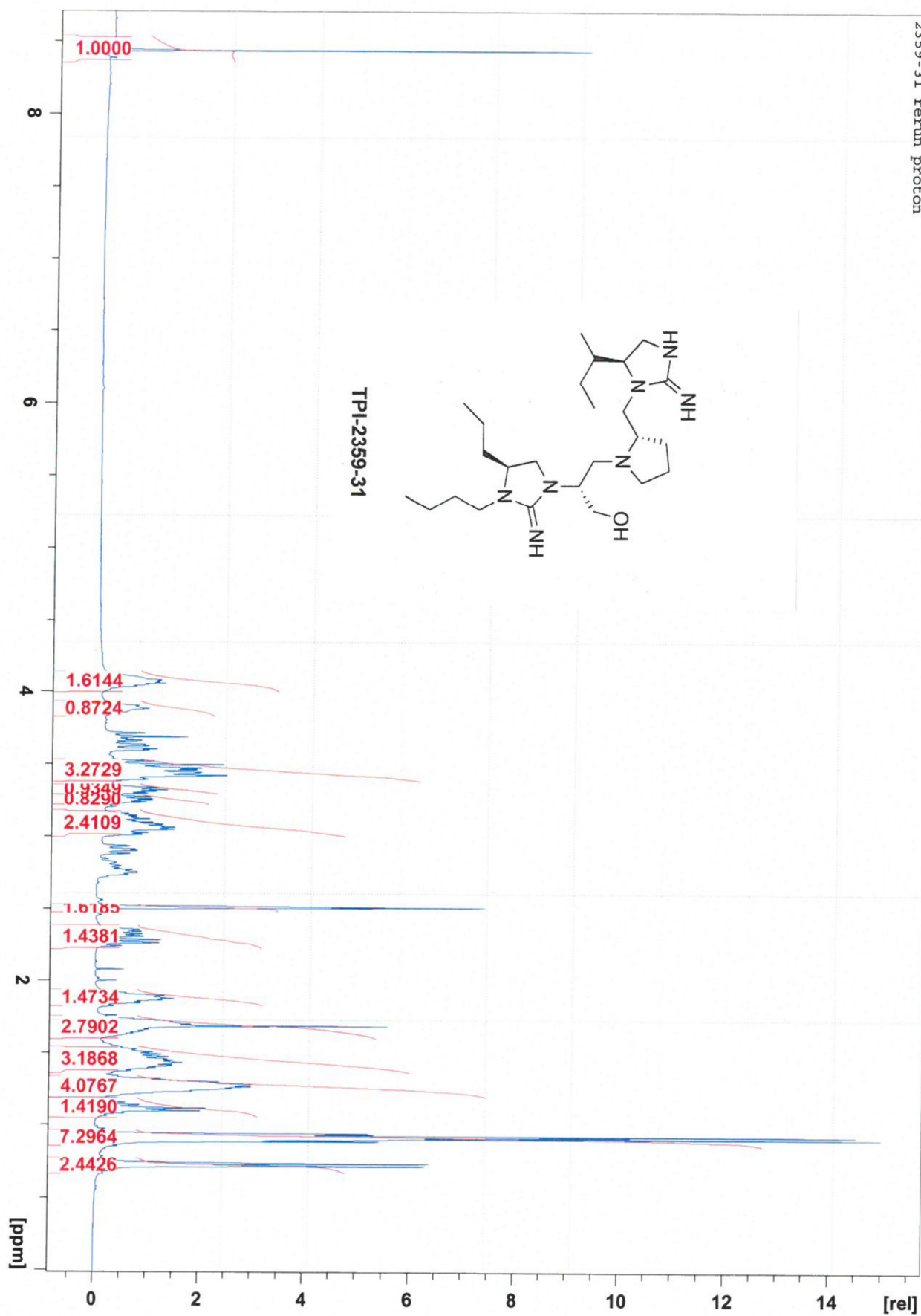
WDW EM

SSB 0

LB 1.00 Hz

GB 0

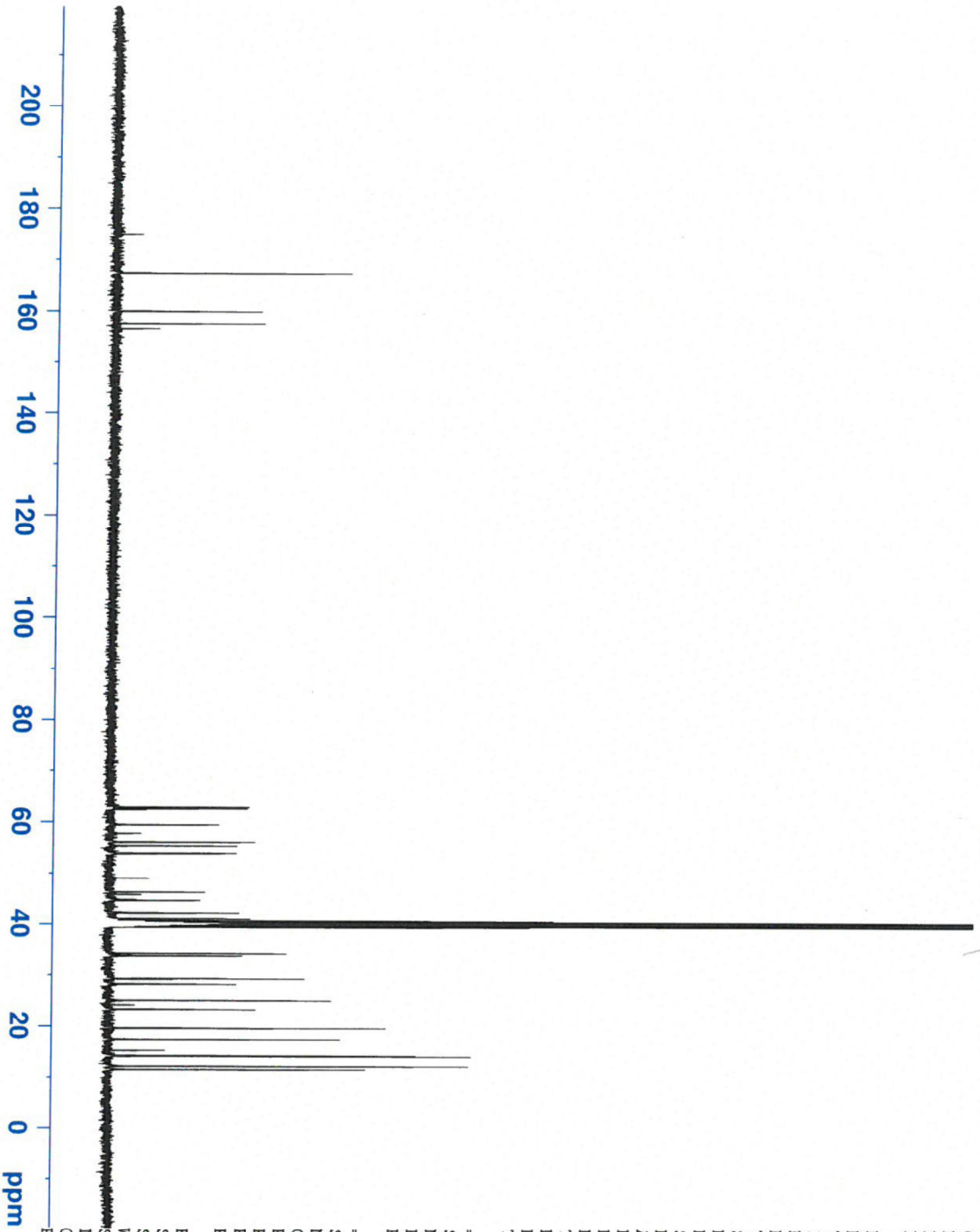
PC 1.40



2359-31 pure C13

174.98
167.33
159.99
159.94
157.41
156.43

62.89
62.77
62.60
62.42
59.46
57.77
56.12
56.07
55.35
53.92
53.85
53.79
49.00
46.22
45.77
44.74
44.60
42.16
41.05
40.68
40.48
40.27
40.06
39.85
39.64
39.43
34.14
33.68
29.30
29.21
28.23
25.12
24.24
23.42
23.36
19.63
19.60



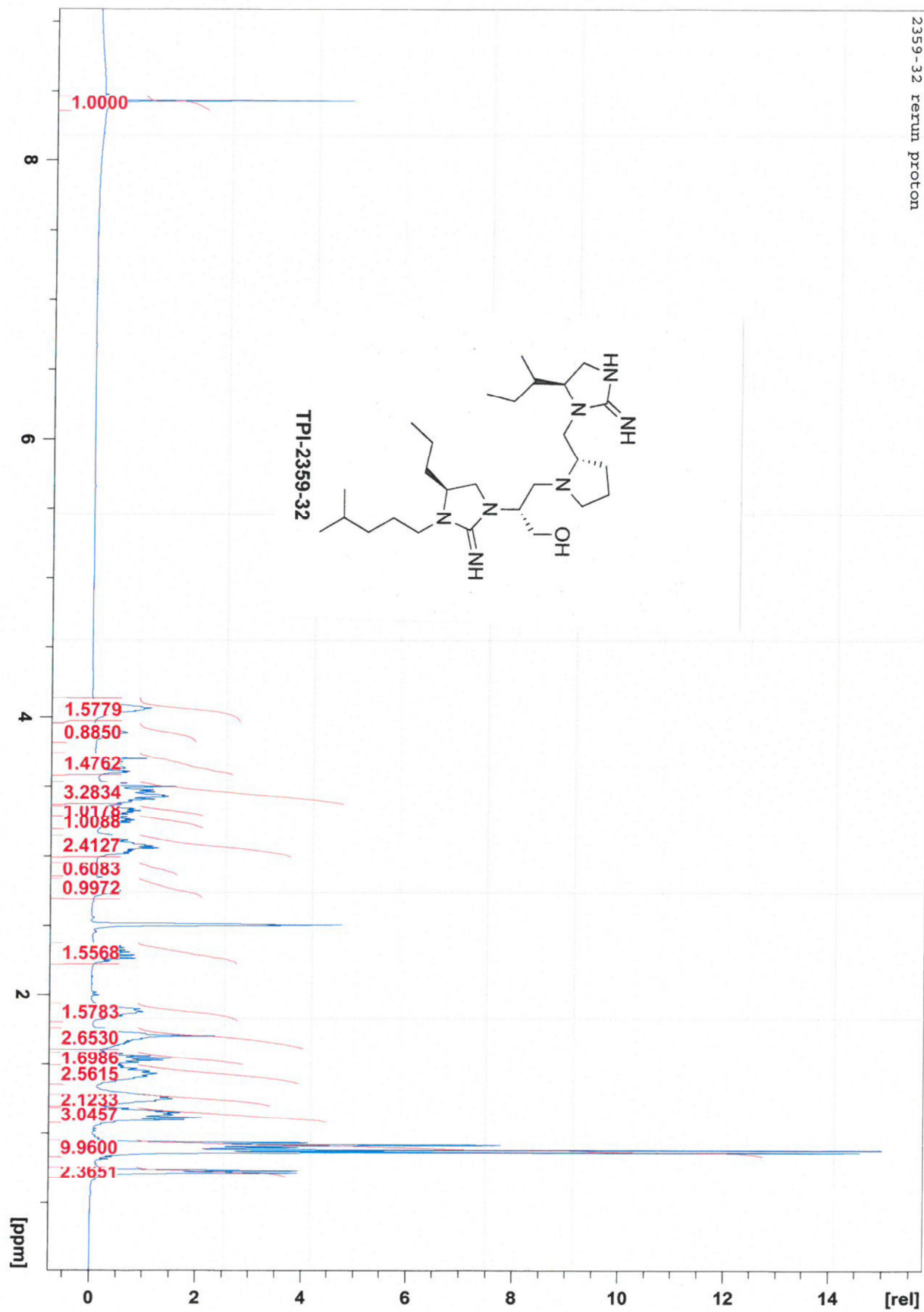
Current Data Parameters
NAME Oct23-2017-jdavis
EXPNO 31
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171023
Time 18.51
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 2048
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 208.24
DW 20.800 usec
DE 6.50 usec
TE 299.6 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6278588 MHz
NUC1 13C
P1 10.00 usec
PLW1 64.0000000 W

===== CHANNEL f2 =====
SFO2 400.1516006 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 90.00 usec
PLW2 29.0000000 W
PLW12 0.35802001 W
PLW13 0.28999999 W

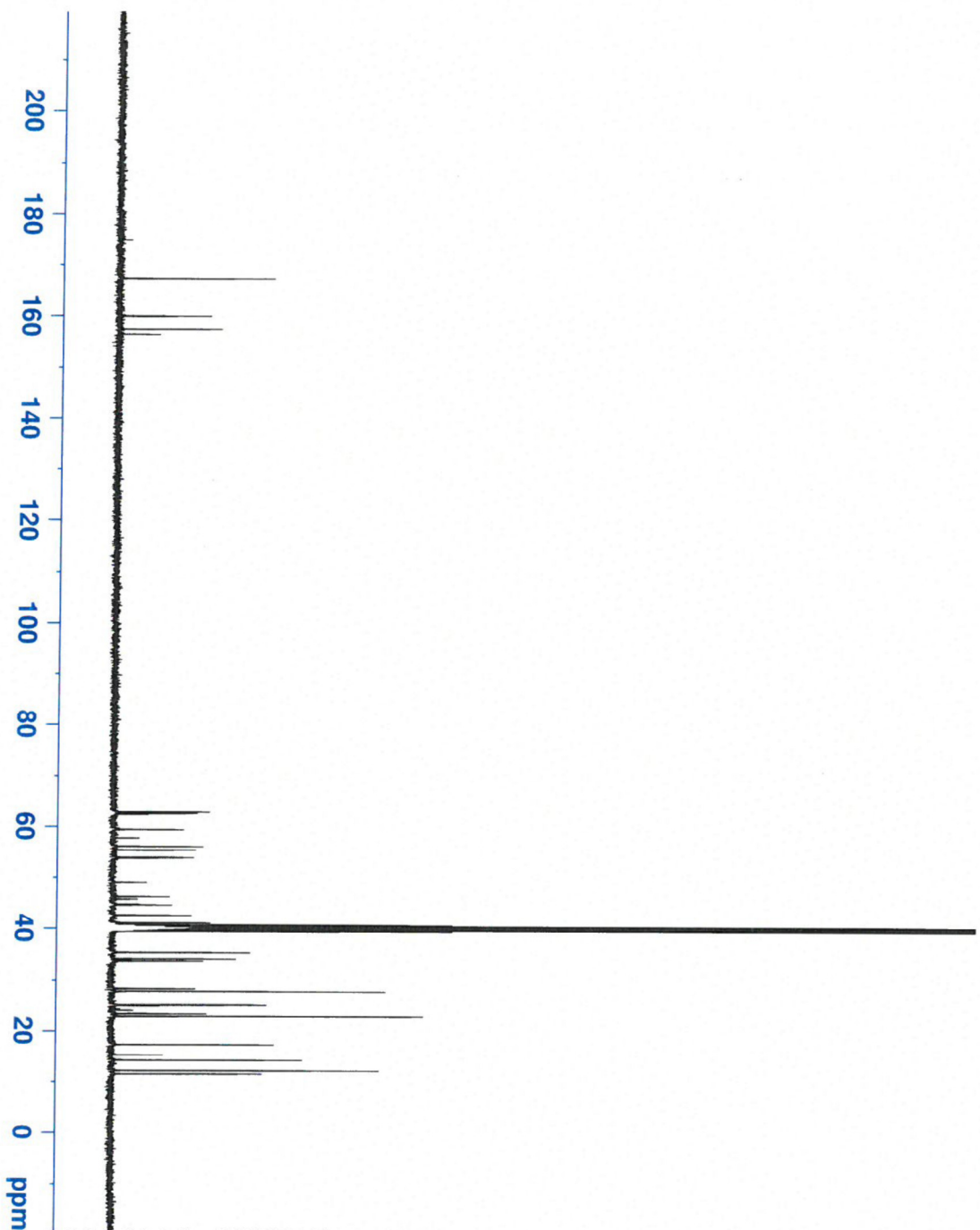
F2 - Processing parameters
SI 32768
SF 100.6177980 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



2359-32 pure C13

174.84
167.34
159.96
159.91
157.39
156.41

62.88
62.77
62.59
62.42
59.45
57.77
56.16
56.12
55.37
53.91
53.84
53.77
49.03
46.26
45.79
44.75
44.63
42.58
41.06
40.69
40.48
40.28
40.07
39.86
39.65
39.44
35.40
35.36
34.13
33.71
28.23
27.71
25.12
25.05
24.96
24.09
23.42



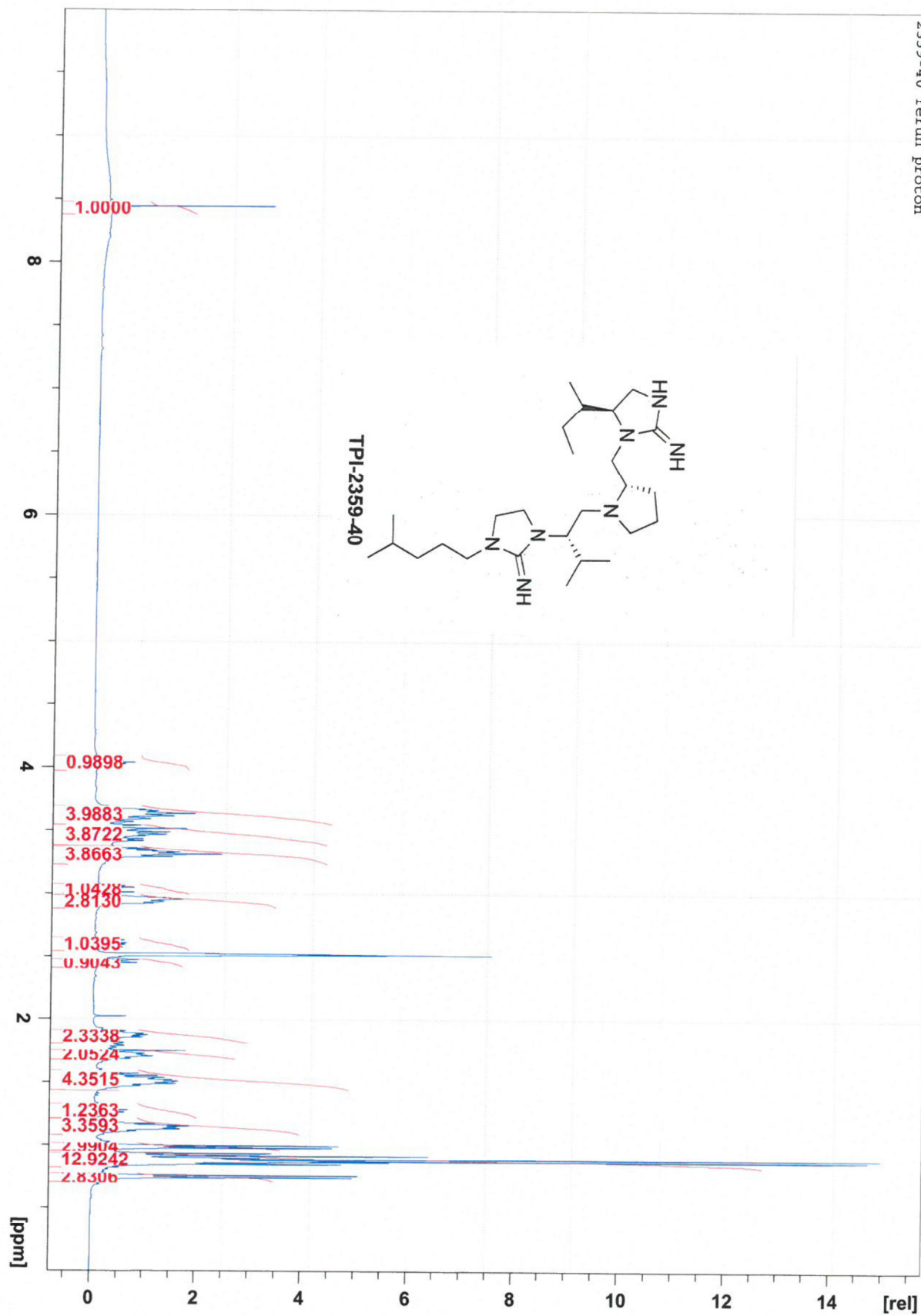
Current Data Parameters
NAME Oct23-2017-jdavis
EXPNO 41
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171023
Time 21.16
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 2048
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 208.24
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6278588 MHz
NUC1 13C
P1 10.00 usec
PLM1 64.00000000 W

===== CHANNEL f2 =====
SFO2 400.1516006 MHz
NUC2 1H
CPDPRG12 waltz16
PCPD2 90.00 usec
PLM2 29.00000000 W
PLM12 0.35802001 W
PLM13 0.28999999 W

F2 - Processing parameters
SI 32768
SF 100.6177980 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



2539-40 pure C13

174.17
167.08
160.34
157.66

62.97
62.77
59.53
54.45
54.07
46.11
45.24
44.89
41.31
41.18
40.68
40.47
40.27
40.06
39.85
39.64
39.43
35.36
34.33
29.49
28.29
27.64
25.22
24.43
23.70
23.52
22.91
22.87
19.82
19.45



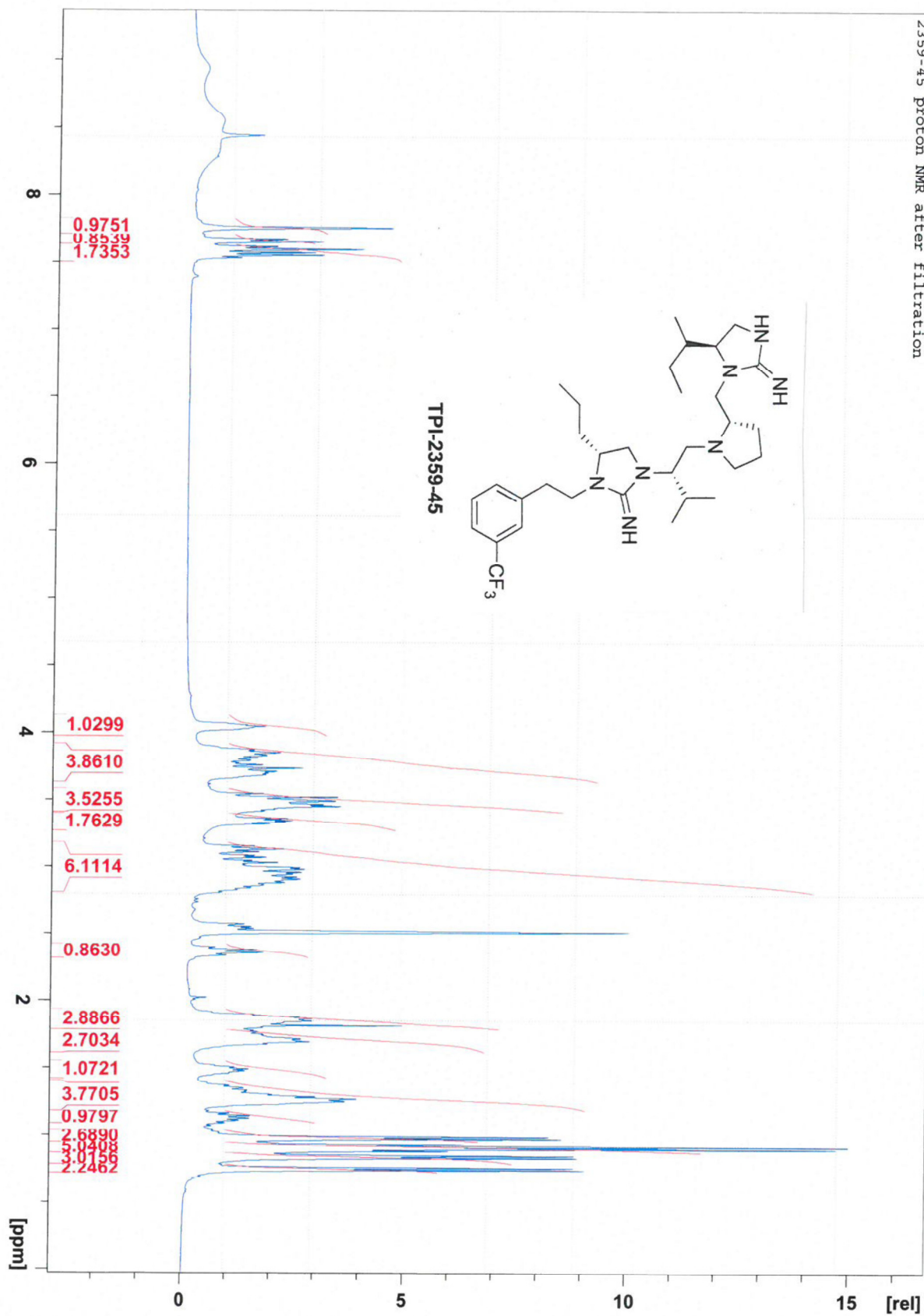
Current Data Parameters
NAME Oct23-2017-jdavis
EXPNO 51
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171023
Time 23.50
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 2048
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.363148 sec
RG 208.24
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6278588 MHz
NUC1 13C
P1 10.00 usec
PLW1 64.00000000 W

===== CHANNEL f2 =====
SFO2 400.1516006 MHz
NUC2 1H
CPDPRG12 waltz16
PCPD2 90.00 usec
PLW2 29.00000000 W
PLW12 0.35802001 W
PLW13 0.28999999 W

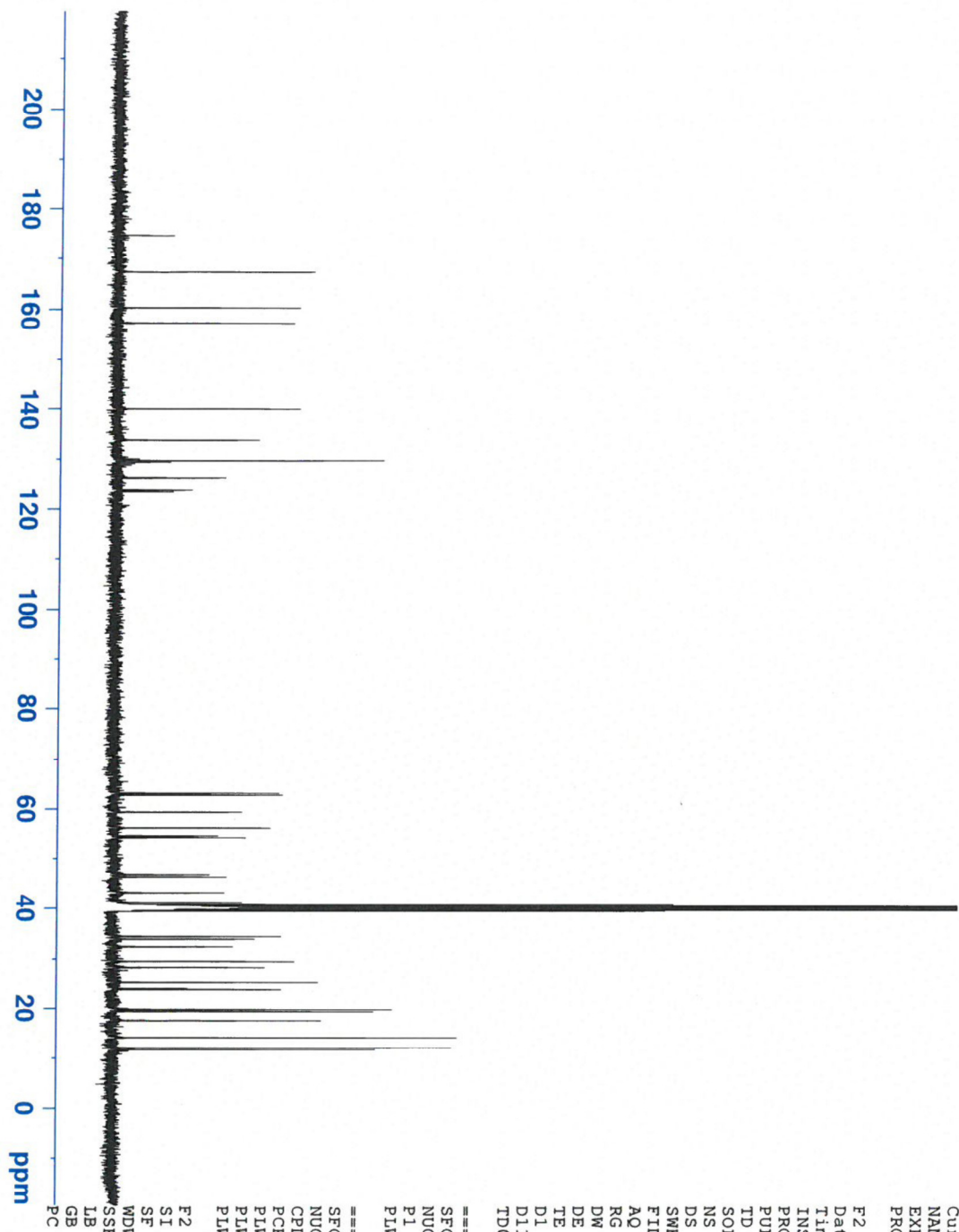
F2 - Processing parameters
SI 32768
SF 100.617980 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



2539-45 pure C13

174.69
167.33
160.29
157.27
139.96
133.77
130.04
129.72
129.42
129.10
126.11
126.06
123.72
123.69
123.40

63.17
62.79
59.41
56.27
54.45
54.10
46.77
46.32
43.17
41.22
40.67
40.46
40.25
40.05
39.84
39.63
39.42
34.42
33.89
32.41
29.51
28.34
25.19
23.94
23.78
19.82
19.43
17.61
14.20
12.11
11.72



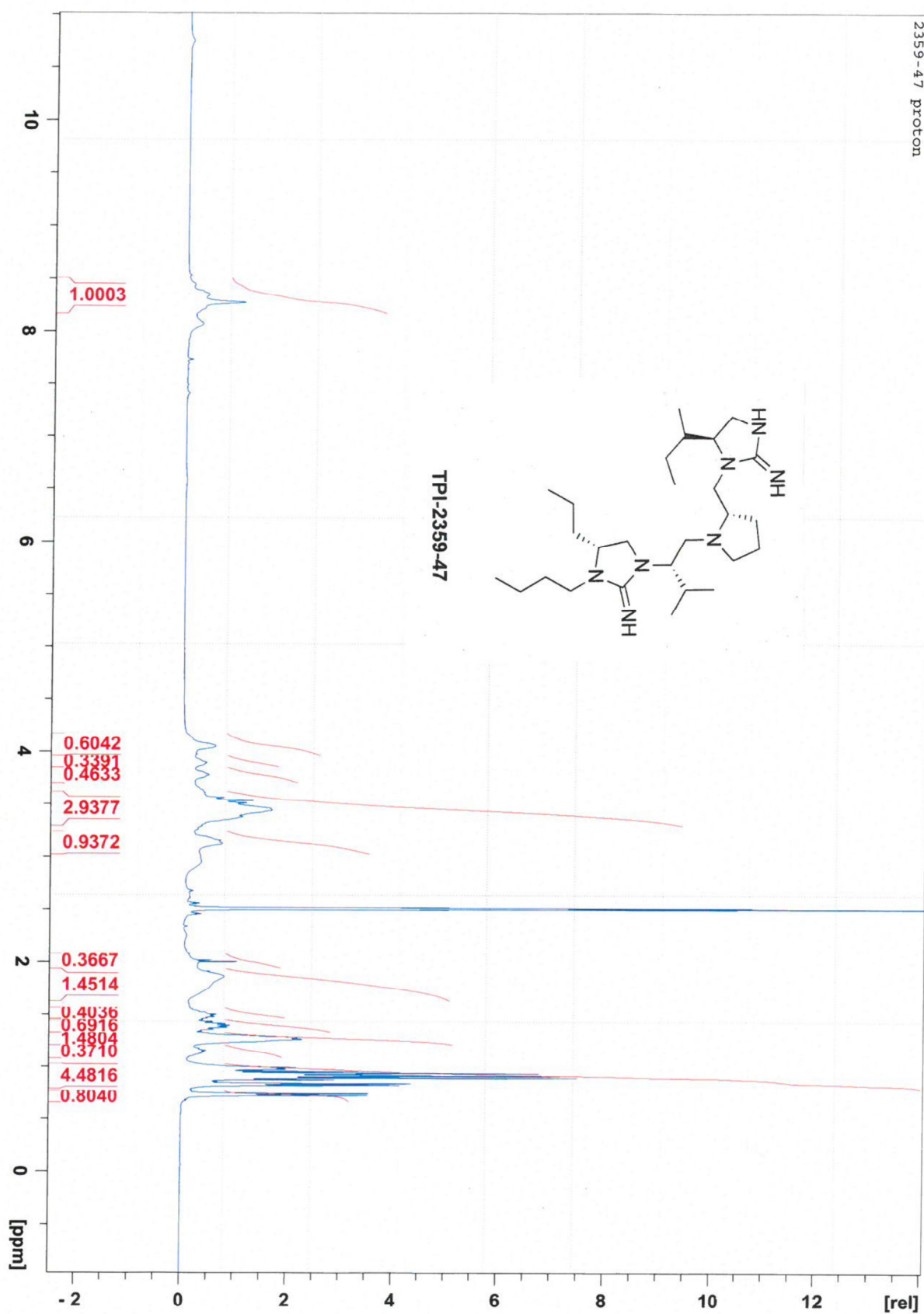
Current Data Parameters
NAME Oct23-2017-jdavis
EXPNO 61
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171024
Time 2.16
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 2048
DS 4
SMH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 208.24
DW 20.800 usec
DE 6.50 usec
TE 299.8 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6278588 MHz
NUC1 13C
P1 10.00 usec
PLW1 64.00000000 W

===== CHANNEL f2 =====
SFO2 400.1516006 MHz
NUC2 1H
CPDPRG12 waltz16
PCPD2 90.00 usec
PLW2 29.00000000 W
PLW12 0.35802001 W
PLW13 0.28999999 W

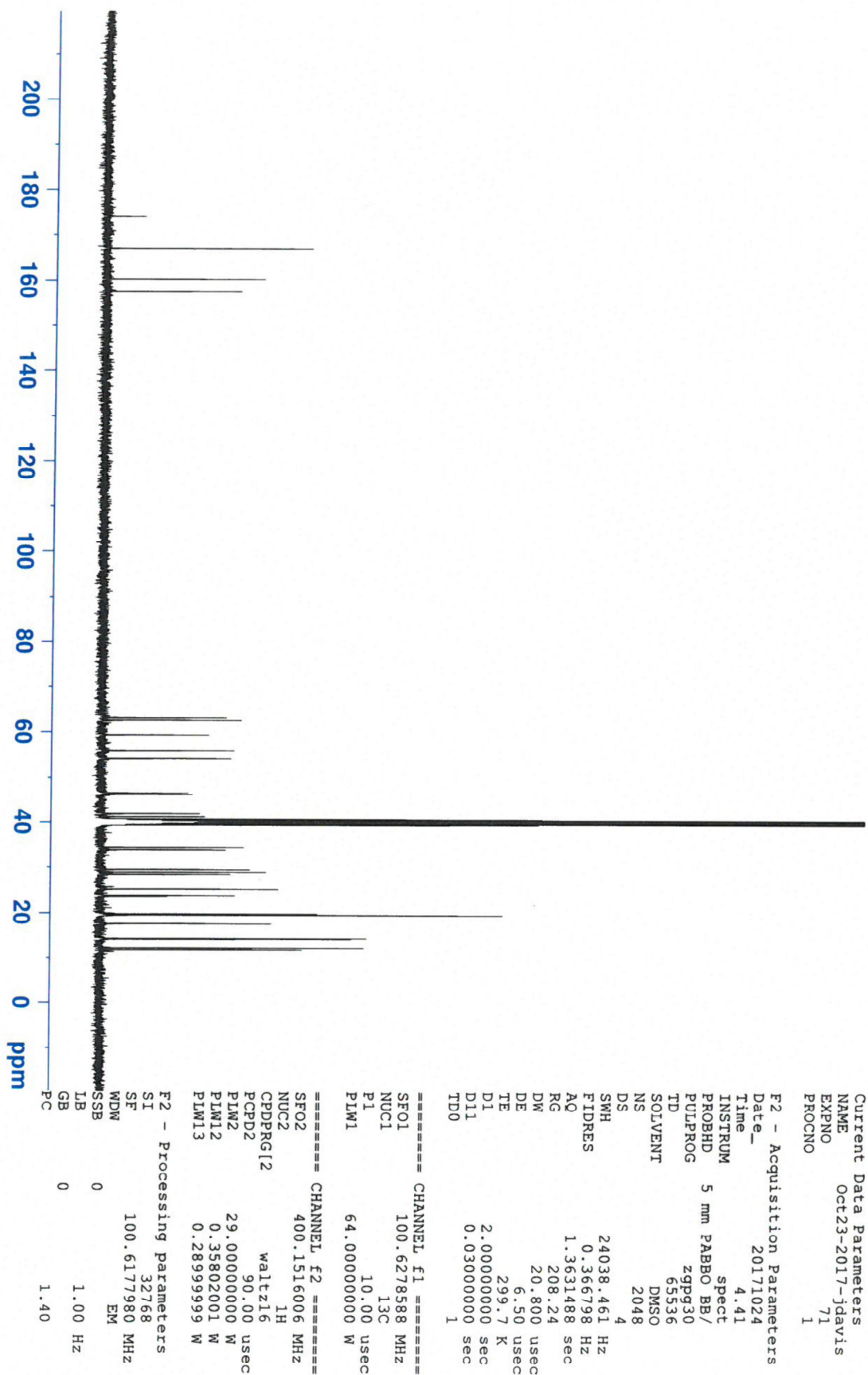
F2 - Processing parameters
SI 32768
SF 100.617980 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

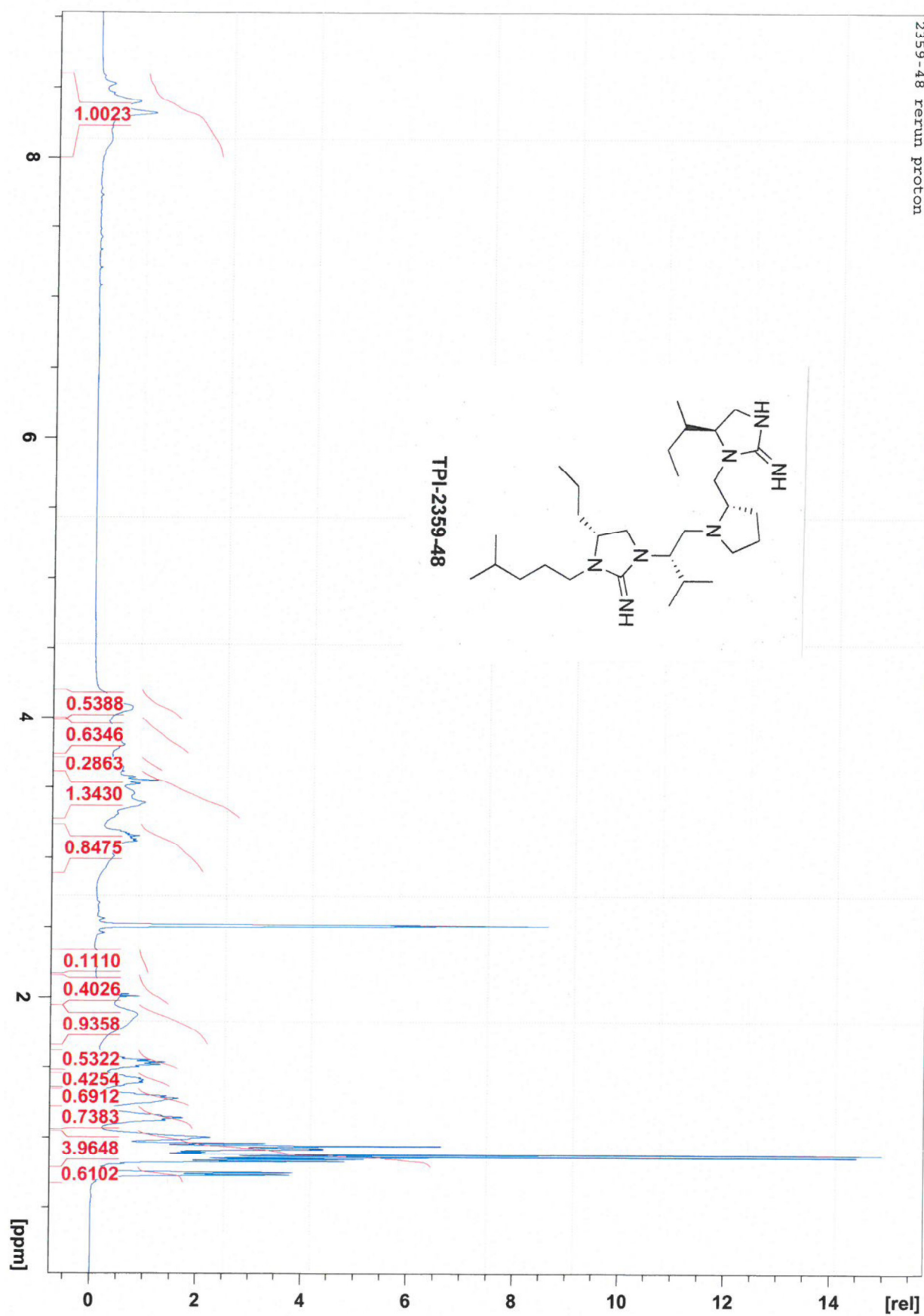


2539-47 pure C13

174.22
167.02
160.30
157.45

63.16
62.62
59.33
55.89
54.18
54.15
46.51
46.18
41.91
41.21
40.68
40.47
40.27
40.06
39.85
39.64
39.43
34.47
33.93
29.46
28.87
28.42
25.74
25.21
23.77
23.63
19.98
19.80
19.53
17.57
14.28

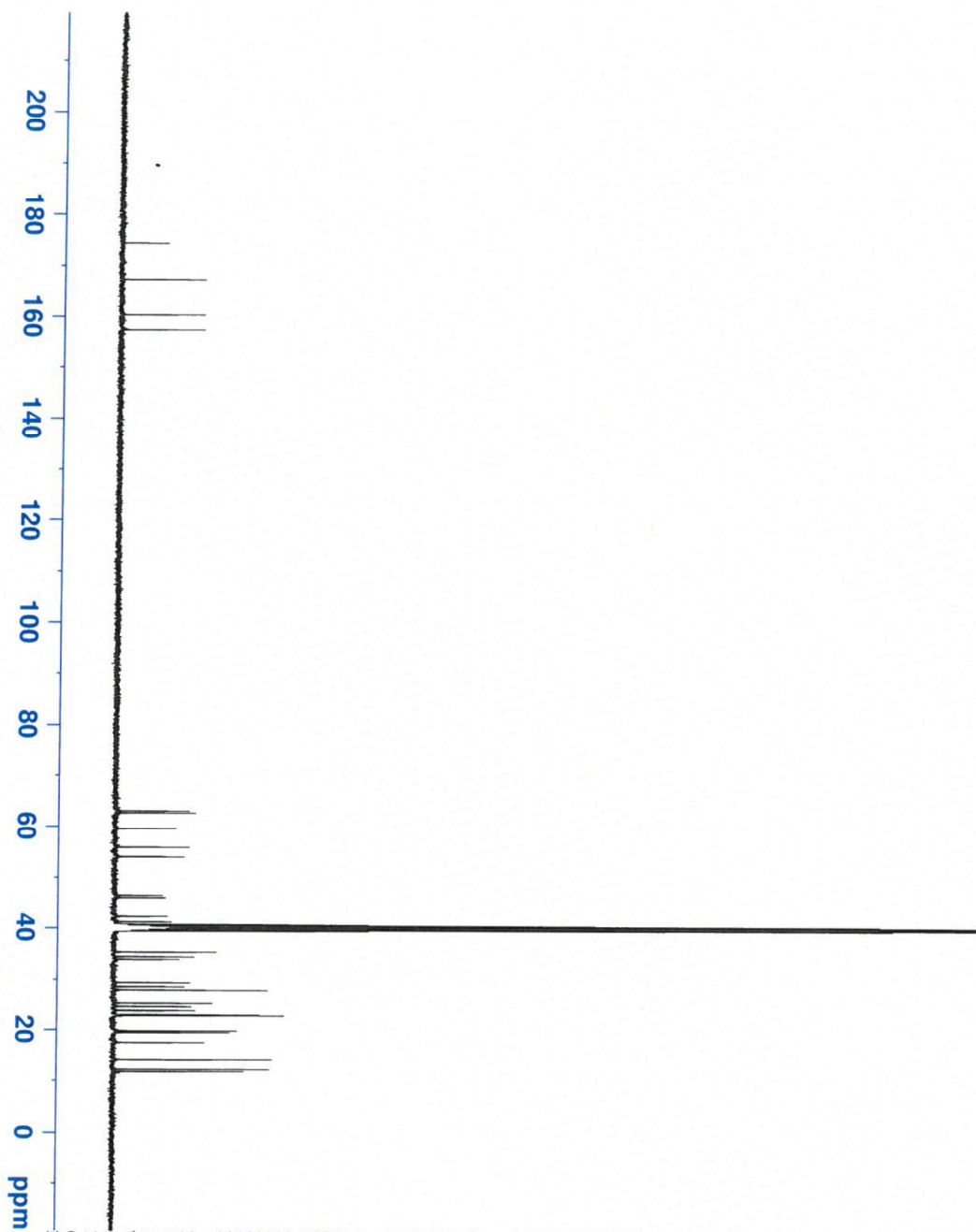




2539-48 pure C13

174.38
167.12
160.32
157.41

63.08
62.71
59.54
55.89
54.07
54.01
46.51
46.08
42.26
41.21
40.68
40.47
40.27
40.06
39.85
39.64
39.43
35.33
34.43
33.90
29.41
28.39
27.72
25.21
24.56
23.78
23.74
22.95
22.81
22.66
19.82
19.51
17.55



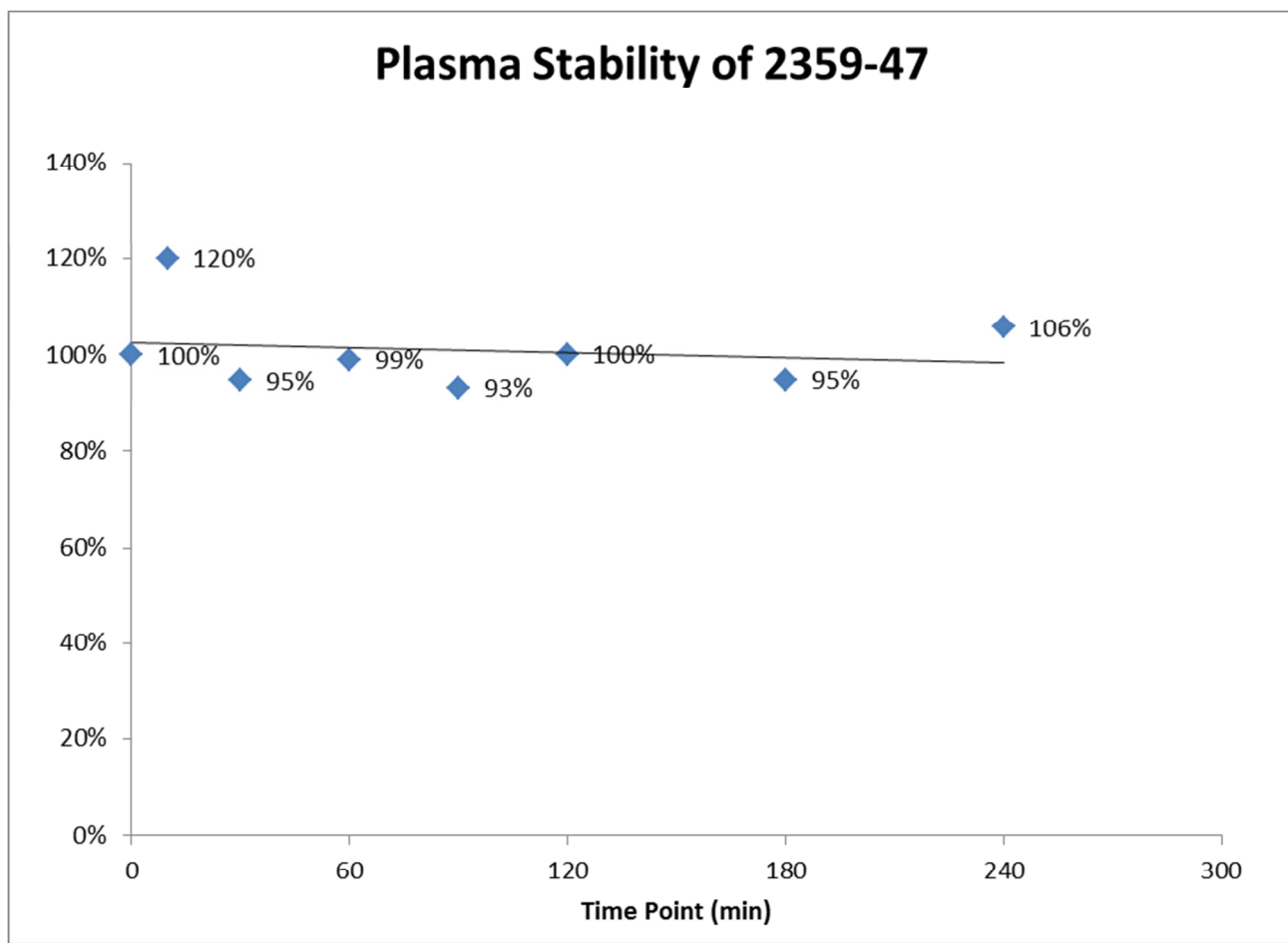
Current Data Parameters
NAME Oct23-2017-jdavis
EXPNO 81
PROCNO 1

F2 - Acquisition Parameters
Date_ 20171024
Time 7.06
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 2048
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 208.24
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6278588 MHz
NUC1 13C
P1 10.00 usec
PLW1 64.0000000 W

===== CHANNEL f2 =====
SFO2 400.1516006 MHz
NUC2 1H
CPDPRG12 waltz16
PCPD2 90.00 usec
PLW2 29.00000000 W
PLW12 0.35802001 W
PLW13 0.28999999 W

F2 - Processing parameters
SI 32768
SF 100.6177980 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



The percentage of analyte detected compared to time point zero.