Total Synthesis of the Proposed Structure of Indolyl 1,2-Propanediol Alkaloid, 1-(1*H*-Indol-3-yloxy)propan-2-ol

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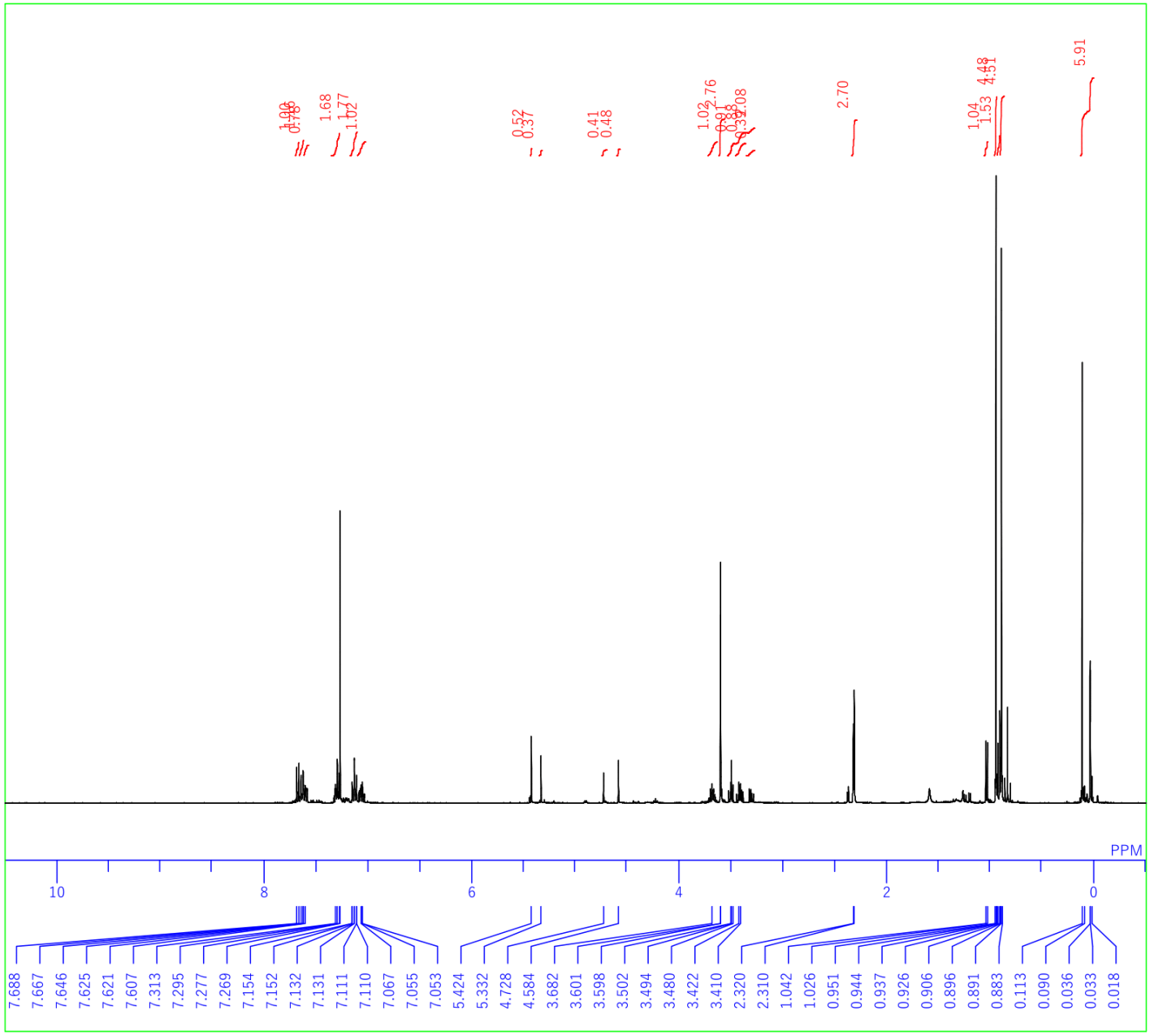
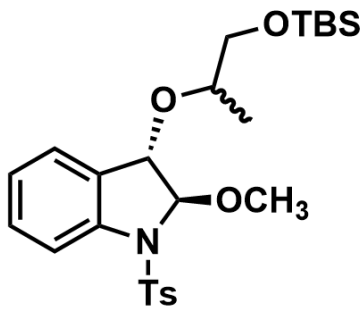
SUPPORTING INFORMATION

Figure S1. ^{1}H-NMR of TBS-5

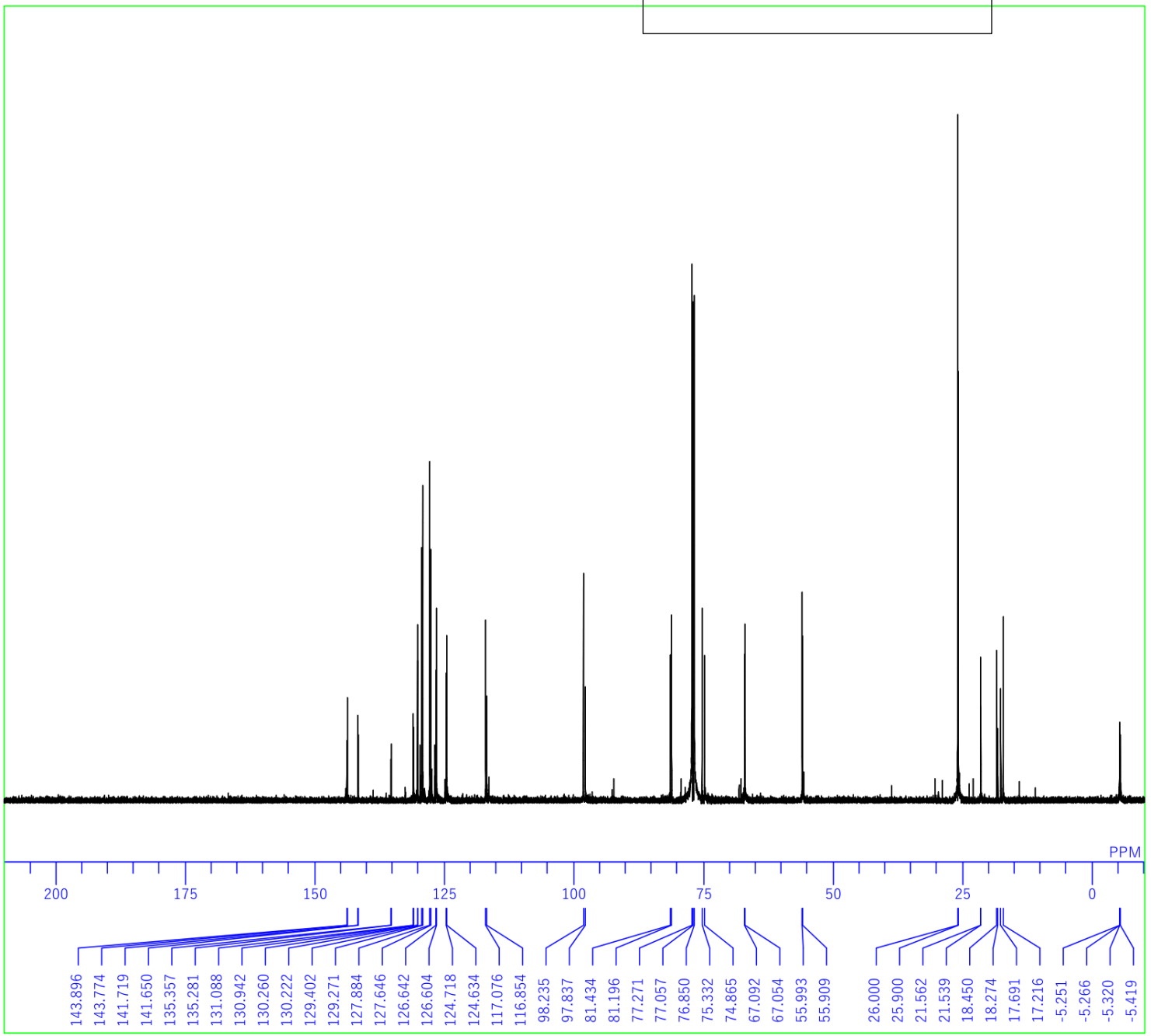


DFILE	M7-46-sankaime-cdcl3.als
COMNT	
DATIM	2023-08-23 11:34:15
OBNUC	H1
EXMOD	s2pul
OBFRQ	399.91 MHz
OBSET	1.99 KHz
OBFIN	2.00 Hz
POINT	32768
FREQU	6410.26 Hz
SCANS	32
ACQTM	3.5000 sec
PD	1.0000 sec
PW1	7.15 usec
IRNUC	
CTEMP	37.0 c
SLVNT	cdcl3
EXREF	0.00 ppm
BF	0.10 Hz
RGAIN	36

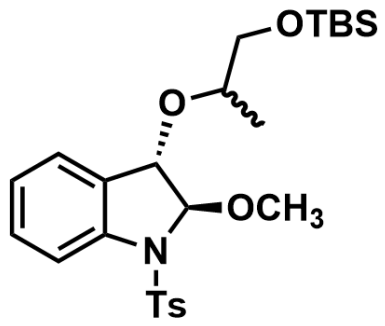


***TBS*-5**

Figure S2. ^{13}C-NMR of TBS-5

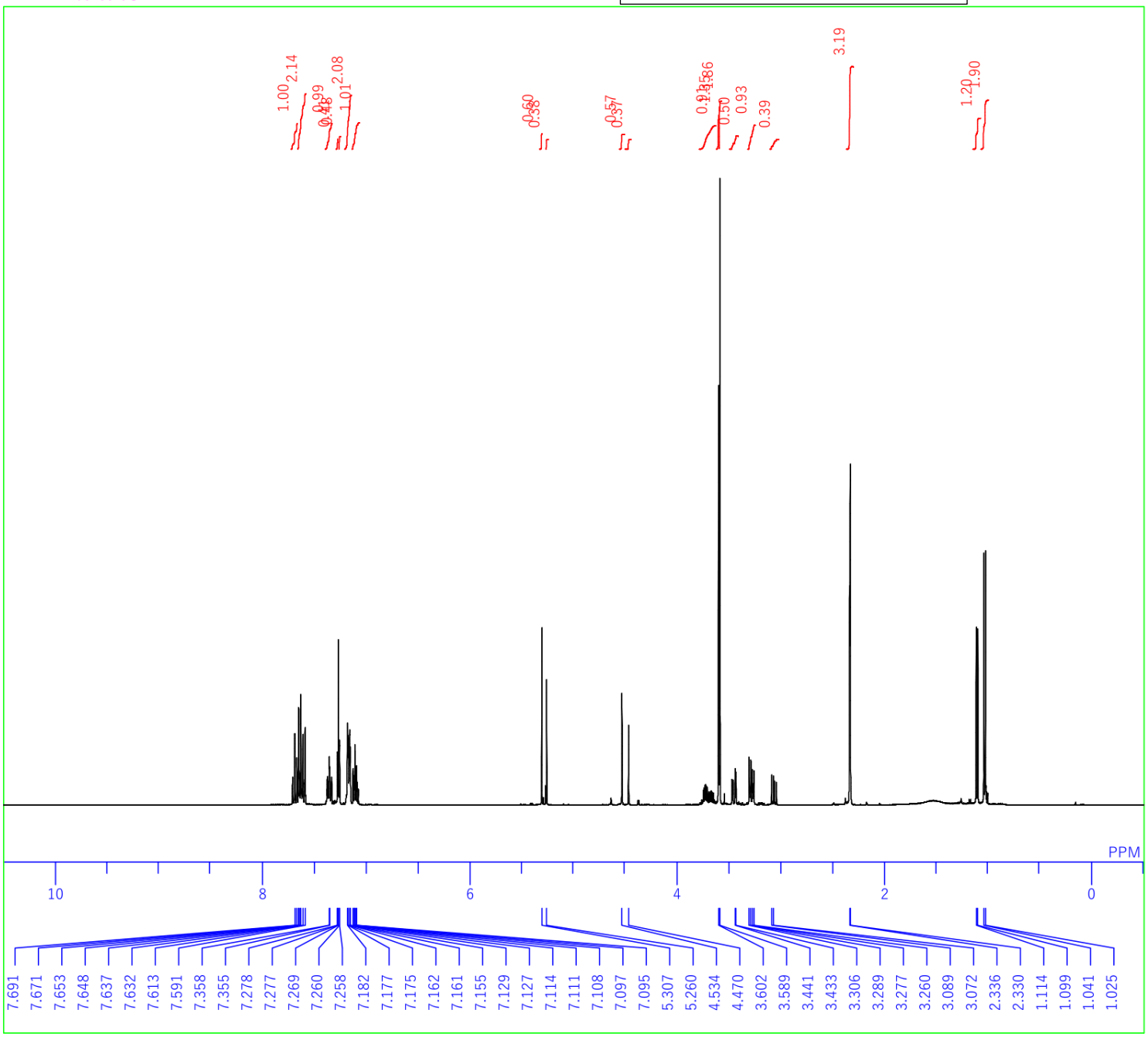


DFILE	13C-M7-46-sankaime-cdcl3.als
COMNT	
DATIM	2023-08-23 12:47:06
OBNUC	C13
EXMOD	s2pul
OBFRQ	150.82 MHz
OBSET	6.72 KHz
OBFIN	8.70 Hz
POINT	32768
FREQU	37878.79 Hz
SCANS	64
ACQTM	0.8651 sec
PD	1.0000 sec
PW1	6.10 usec
IRNUC	
CTEMP	15.0 c
SLVNT	cdcl3
EXREF	0.00 ppm
BF	0.10 Hz
RGAIN	60

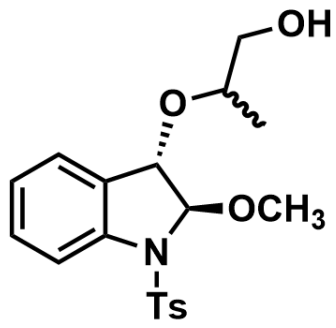


TBS-5

Figure S3. ^{1}H-NMR of 5

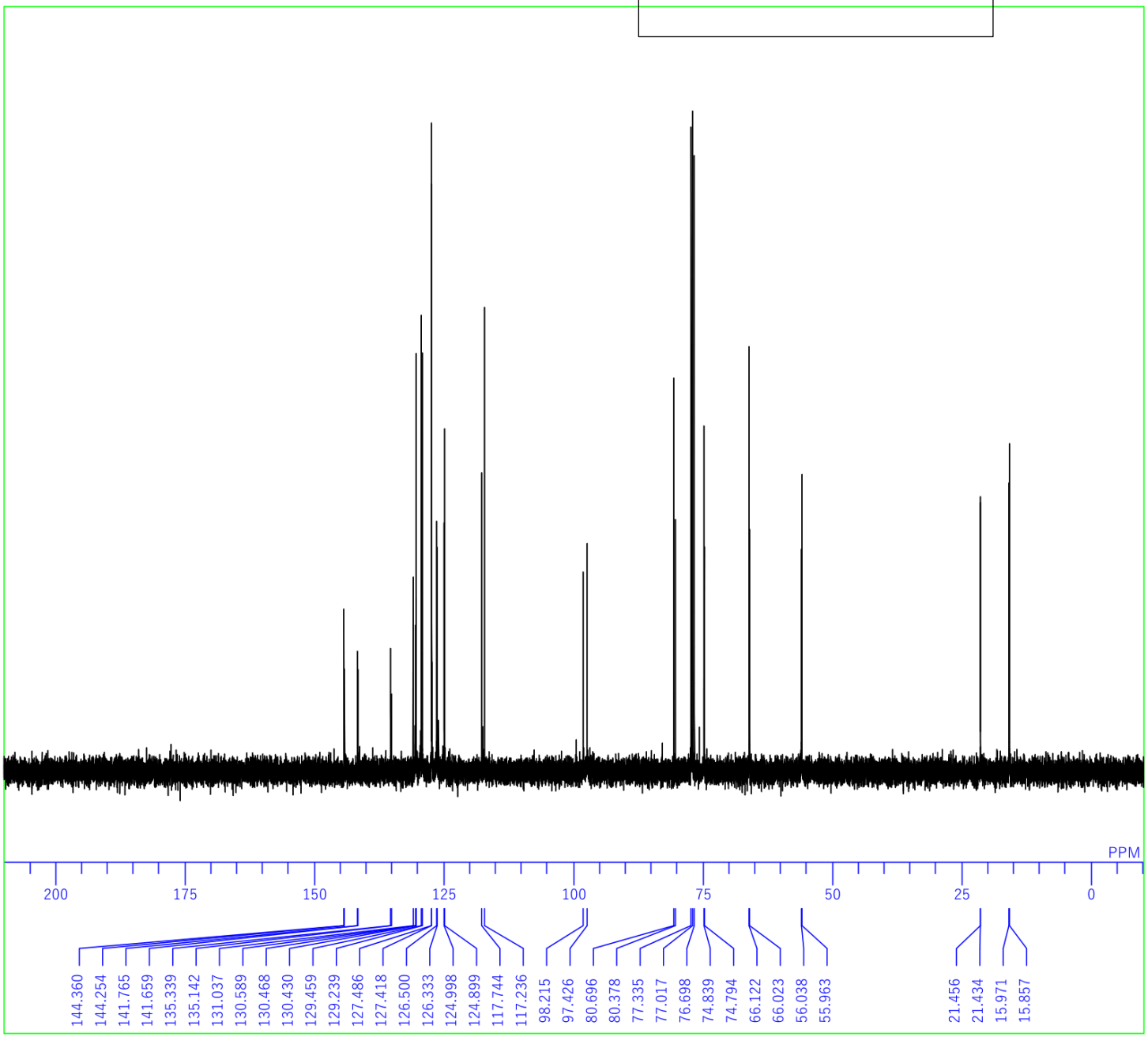


DFILE M7-52-1-cdcl3.als
COMNT
DATIM 2023-08-25 15:23:20
OBNUC H1
EXMOD s2pul
OBFRQ 399.91 MHz
OBSET 1.99 KHz
OBFIN 2.00 Hz
POINT 32768
FREQU 6410.26 Hz
SCANS 32
ACQTM 3.5000 sec
PD 1.0000 sec
PW1 7.15 usec
IRNUC
CTEMP 37.0 c
SLVNT cdcl3
EXREF 0.00 ppm
BF 0.10 Hz
RGAIN 36

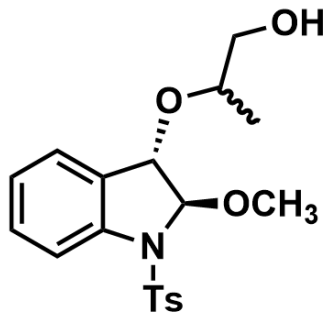


5

Figure S4. ^{13}C-NMR of 5

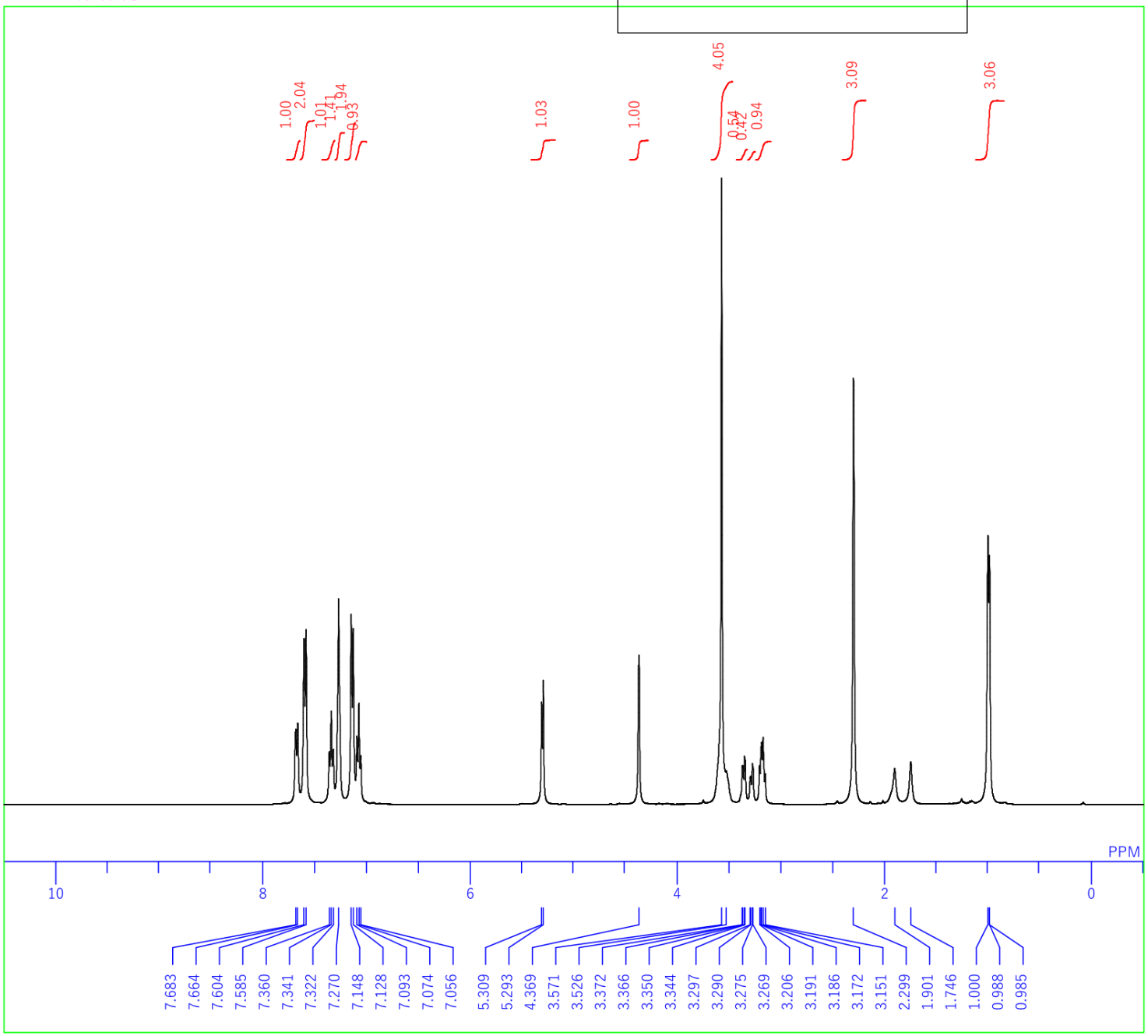


DFILE	13C-M7-52-1-cdcl3.als
COMNT	
DATIM	2023-08-25 15:36:13
OBNUC	C13
EXMOD	s2pul
OBFRQ	100.56 MHz
OBSET	8.40 KHz
OBFIN	8.30 Hz
POINT	32768
FREQU	25000.00 Hz
SCANS	64
ACQTM	1.3107 sec
PD	1.0000 sec
PW1	5.95 usec
IRNUC	
CTEMP	37.0 c
SLVNT	cdcl3
EXREF	0.00 ppm
BF	0.10 Hz
RGAIN	54

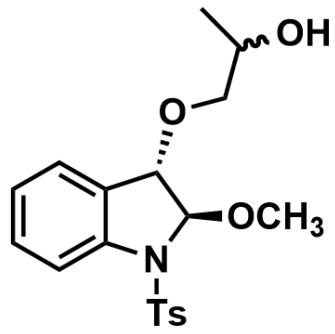


5

Figure S5. ^{1}H-NMR of 6

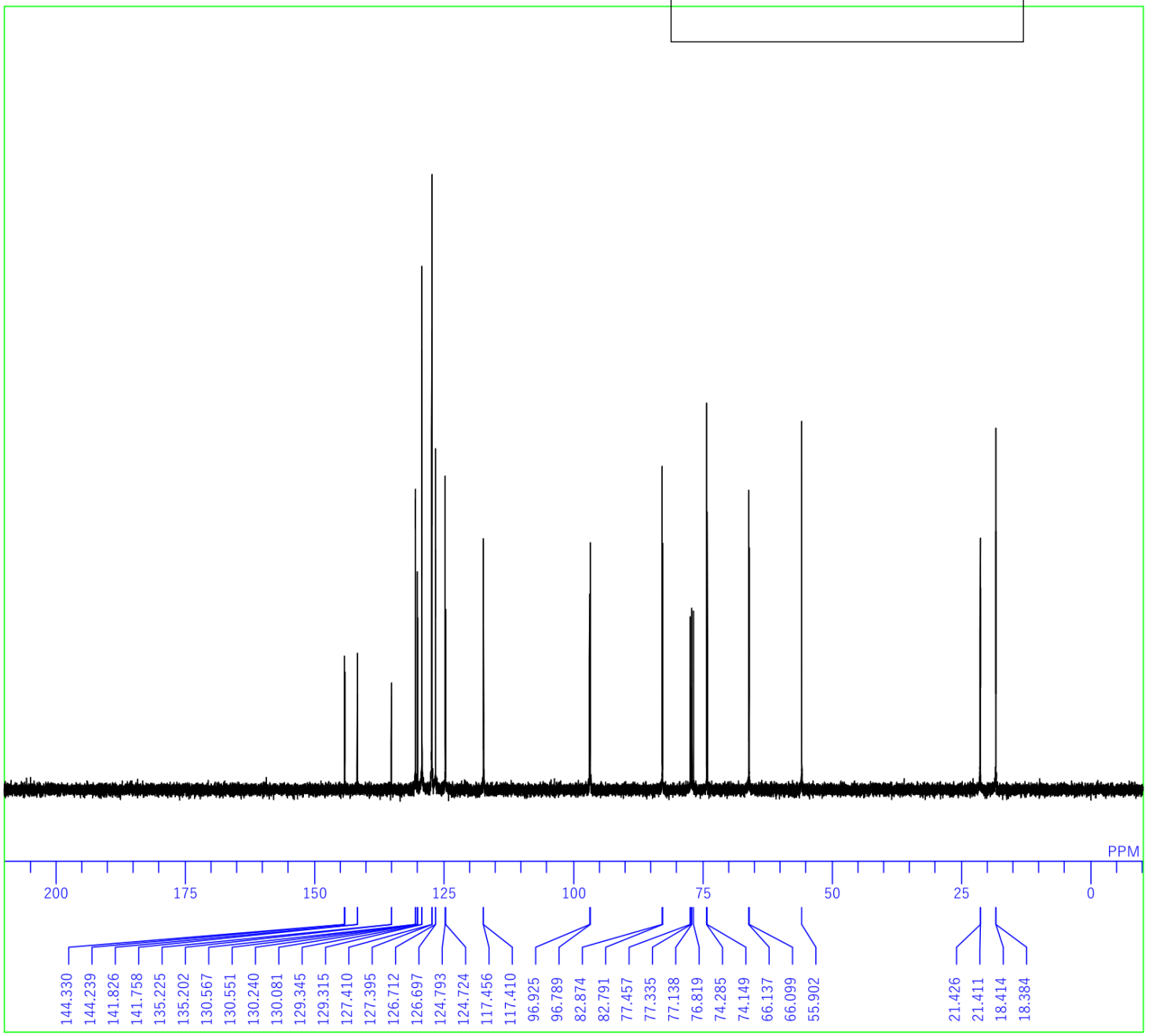


DFILE M7-16-1-cdcl3.als
COMNT STANDARD PHOSPHORUS PARAMETERS
DATIM 2023-08-07 21:52:01
OBNUC H1
EXMOD s2pul
OBFRQ 399.91 MHz
OBSET 1.99 KHz
OBFIN 2.00 Hz
POINT 32768
FREQU 6410.26 Hz
SCANS 32
ACQTM 3.5000 sec
PD 1.0000 sec
PW1 7.15 usec
IRNUC
CTEMP 37.0 c
SLVNT cdcl3
EXREF 0.00 ppm
BF 0.10 Hz
RGAIN 24

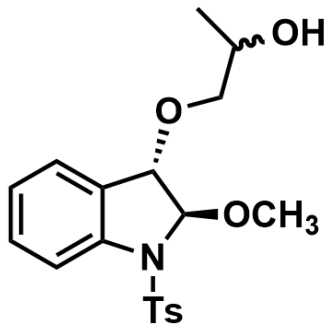


6

Figure S6. ^{13}C-NMR of 6

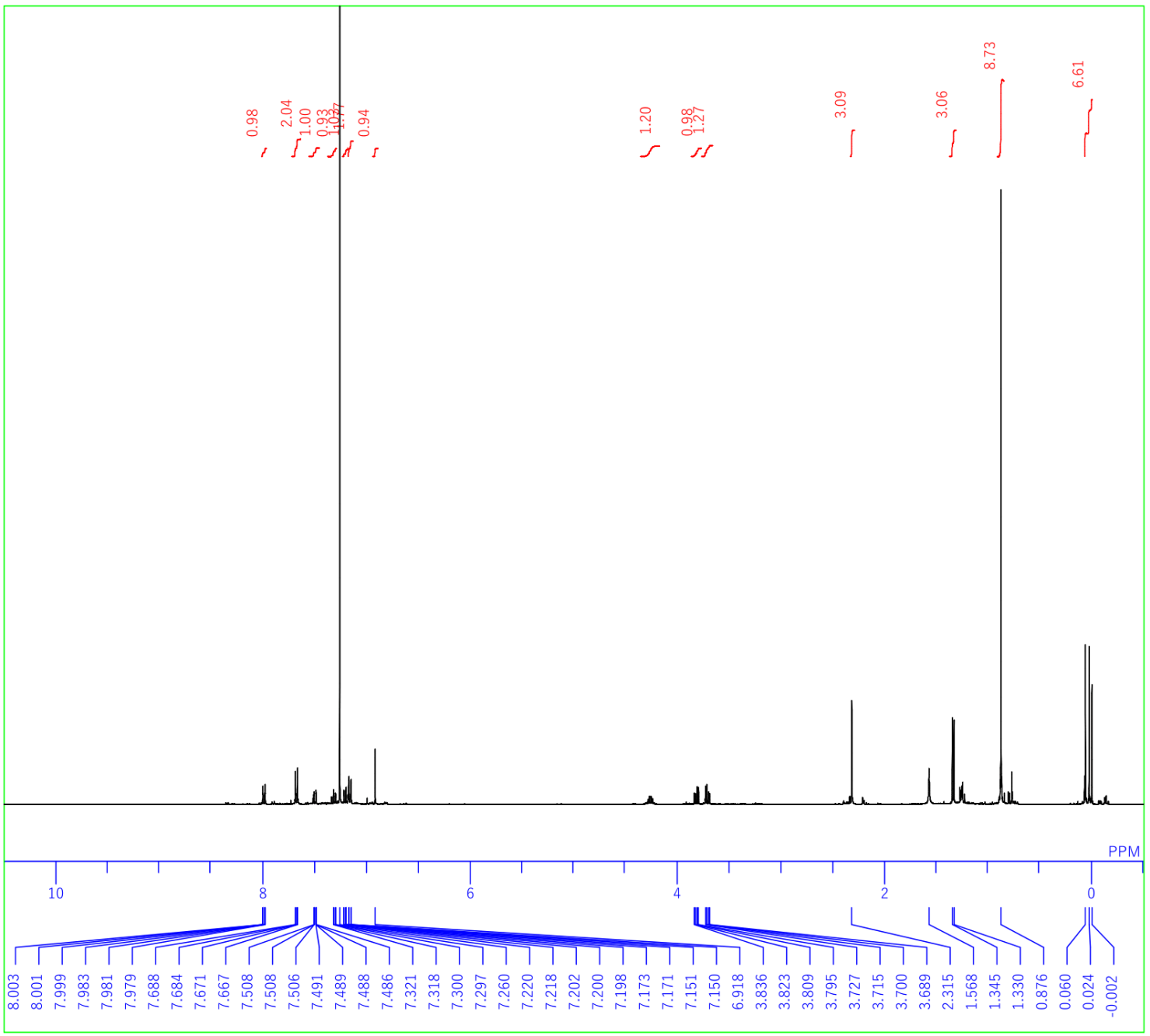


DFILE	13C-M7-16-1-cdcl3.als
COMNT	STANDARD PHOSPHORUS PARAMETERS
DATIM	2023-08-07 22:05:53
OBNUC	C13
EXMOD	s2pul
OBFRQ	100.56 MHz
OBSET	8.40 KHz
OBFIN	8.30 Hz
POINT	32768
FREQU	25000.00 Hz
SCANS	64
ACQTM	1.3107 sec
PD	1.0000 sec
PW1	5.95 usec
IRNUC	
CTEMP	37.0 c
SLVNT	cdcl3
EXREF	0.00 ppm
BF	0.10 Hz
RGAIN	54

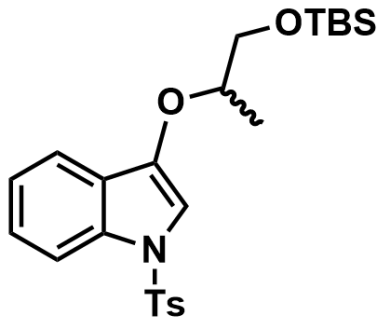


6

Figure S7. ^{1}H-NMR of TBS-7



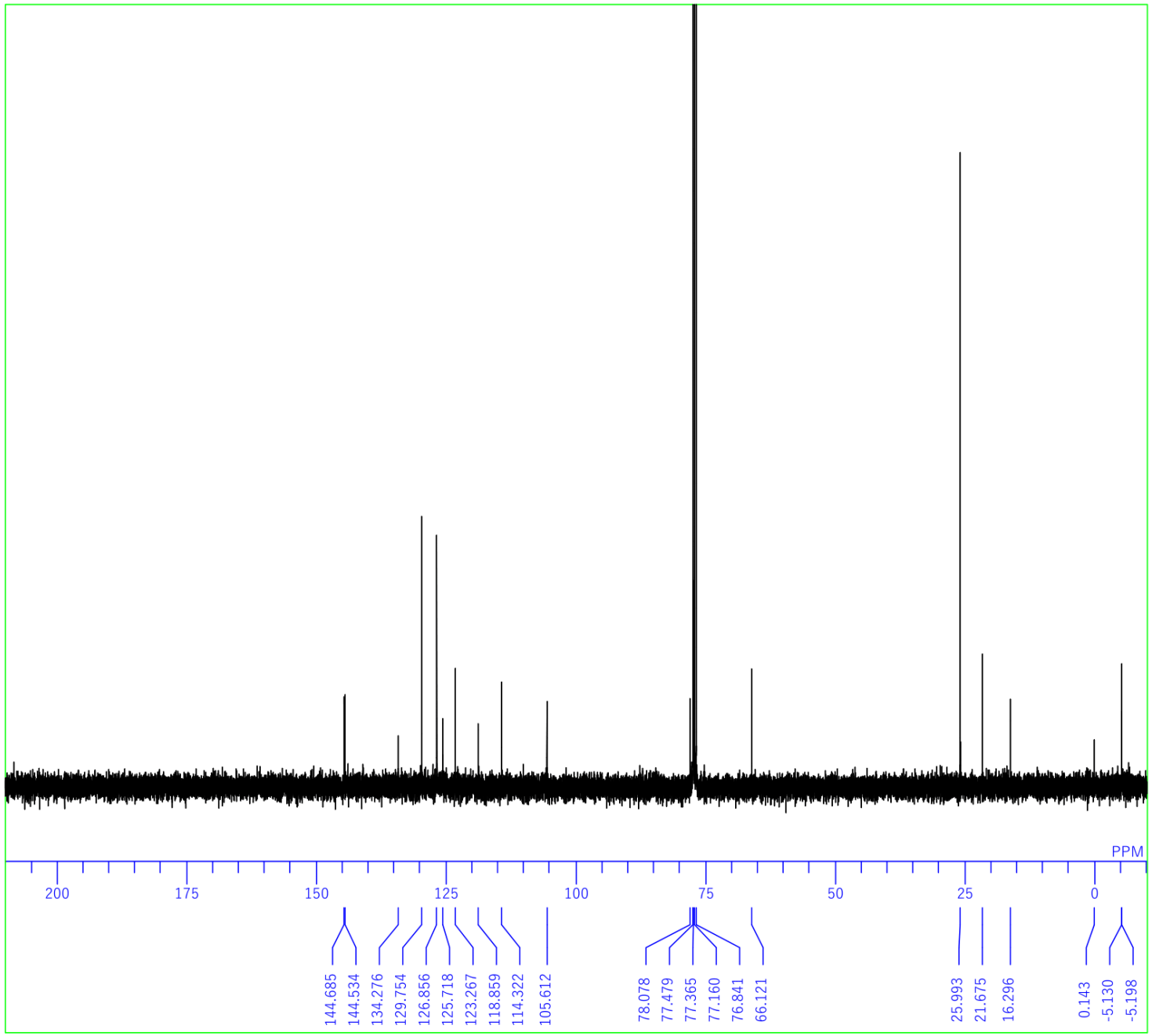
DFILE	M5-79-2-nikaime-cdcl3.als
COMNT	TK-II-70-b
DATIM	2023-02-24 11:03:51
OBNUC	H1
EXMOD	s2pul
OBFRQ	399.91 MHz
OBSET	1.99 KHz
OBFIN	2.00 Hz
POINT	32768
FREQU	6410.26 Hz
SCANS	32
ACQTM	3.5000 sec
PD	1.0000 sec
PW1	7.15 usec
IRNUC	
CTEMP	37.0 c
SLVNT	cdcl3
EXREF	7.26 ppm
BF	0.10 Hz
RGAIN	48



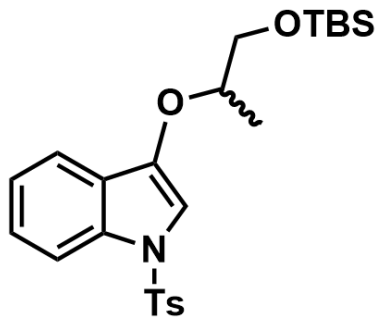
TBS-7

Figure S8. ^{13}C-NMR of TBS-7

D:¥13C NMR‡@¥13C-M5-79-2-nikaime-cdcl3.fid¥13C-M5-79-2-nikaime-cdcl3.als

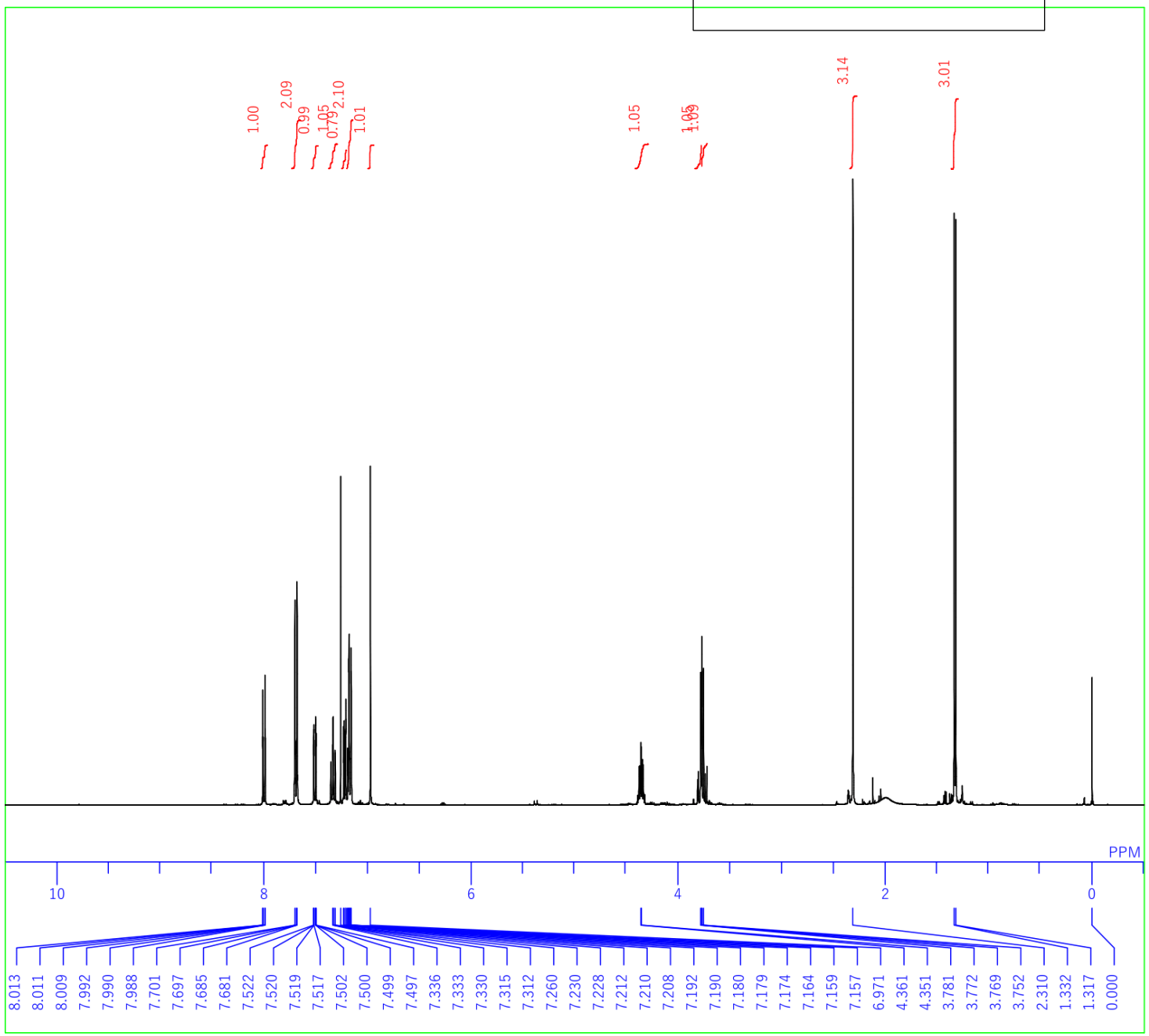


DFILE	13C-M5-79-2-nikaime-cdcl3.als
COMNT	TK-II-70-b
DATIM	2023-02-24 11:11:00
OBNUC	C13
EXMOD	s2pul
OBFRQ	100.56 MHz
OBSET	8.40 KHz
OBFIN	8.30 Hz
POINT	32768
FREQU	25000.00 Hz
SCANS	64
ACQTM	1.3107 sec
PD	1.0000 sec
PW1	5.95 usec
IRNUC	
CTEMP	37.0 c
SLVNT	cdcl3
EXREF	77.16 ppm
BF	0.10 Hz
RGAIN	42

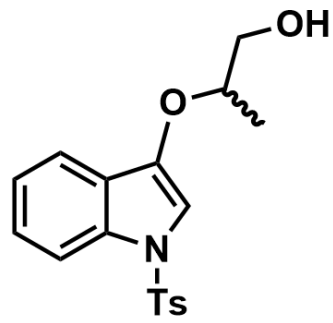


***TBS*-7**

Figure S9. ^{1}H-NMR of 7



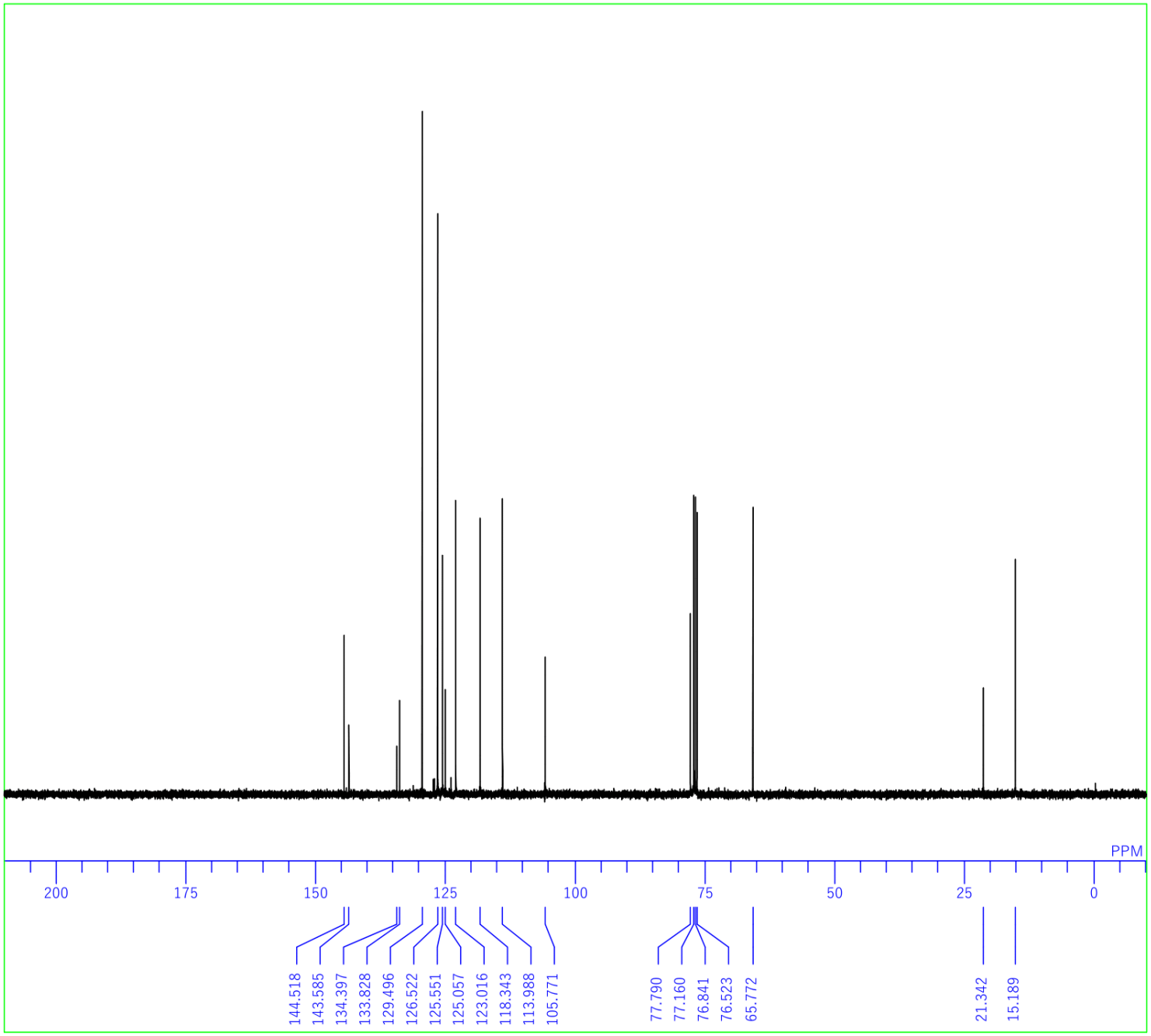
DFILE	M5-81-1-cdcl3.als
COMNT	TK-II-70-b
DATIM	2023-02-24 10:08:56
OBNUC	H1
EXMOD	s2pul
OBFRQ	399.91 MHz
OBSET	1.99 KHz
OBFIN	2.00 Hz
POINT	32768
FREQU	6410.26 Hz
SCANS	32
ACQTM	3.5000 sec
PD	1.0000 sec
PW1	7.15 usec
IRNUC	
CTEMP	37.0 c
SLVNT	cdcl3
EXREF	7.26 ppm
BF	0.10 Hz
RGAIN	38



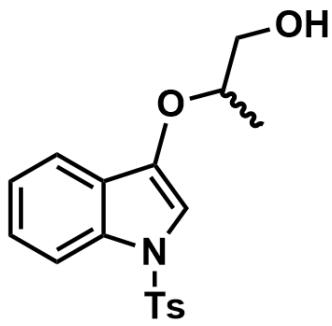
7

Figure S10. ^{13}C-NMR of 7

D:¥13C NMR‡@¥13C-M5-81-1-cdcl3.fid¥13C-M5-81-1-cdcl3.als

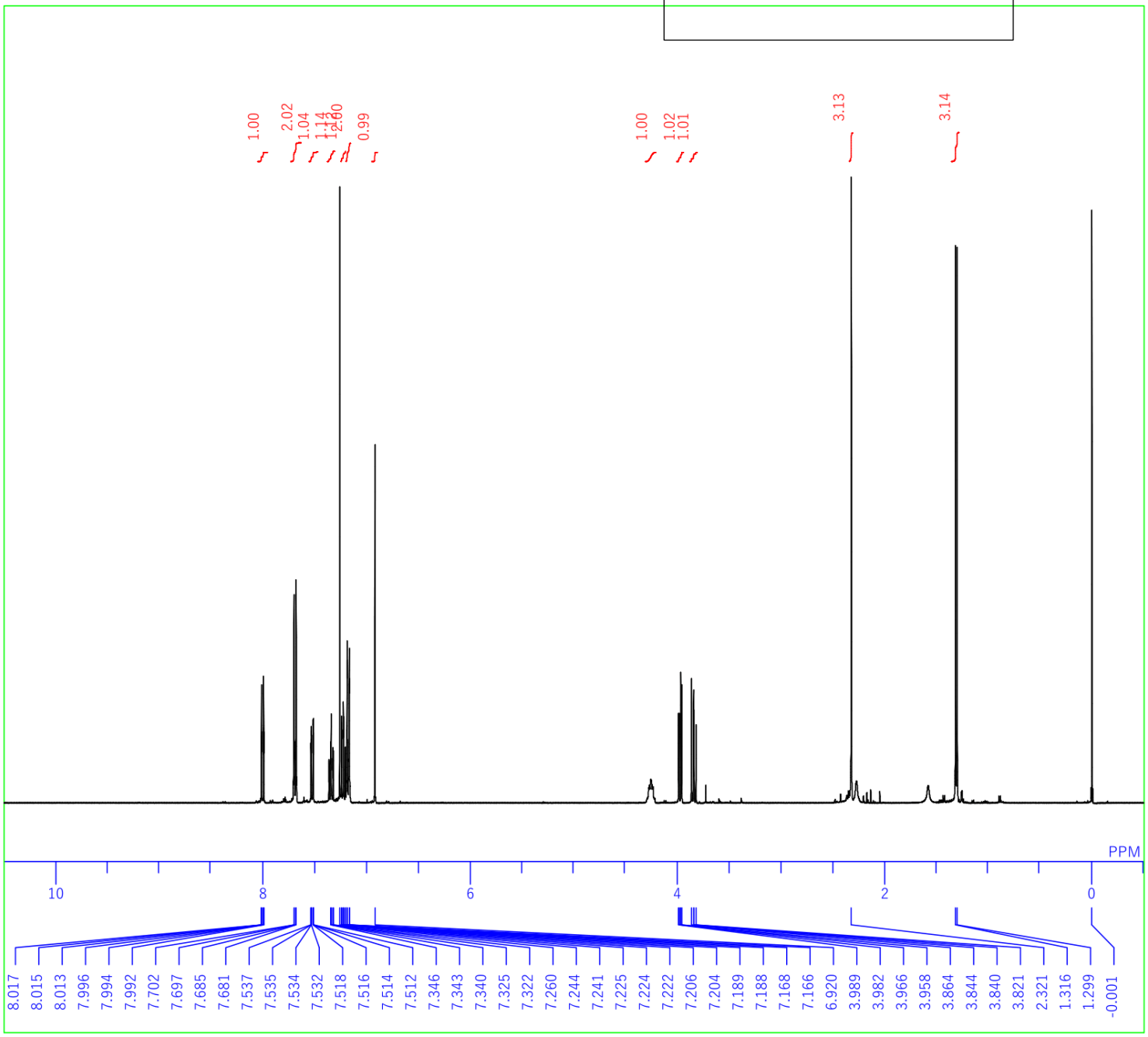


DFILE	13C-M5-81-1-cdcl3.als
COMNT	TK-II-70-b
DATIM	2023-02-24 10:14:36
OBNUC	C13
EXMOD	s2pul
OBFRQ	100.56 MHz
OBSET	8.40 KHz
OBFIN	8.30 Hz
POINT	32768
FREQU	25000.00 Hz
SCANS	64
ACQTM	1.3107 sec
PD	1.0000 sec
PW1	5.95 usec
IRNUC	
CTEMP	37.0 c
SLVNT	cdcl3
EXREF	77.16 ppm
BF	0.10 Hz
RGAIN	48

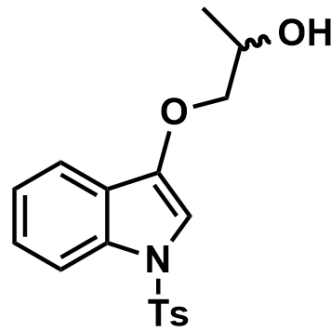


7

Figure S11. ^{1}H-NMR of 3

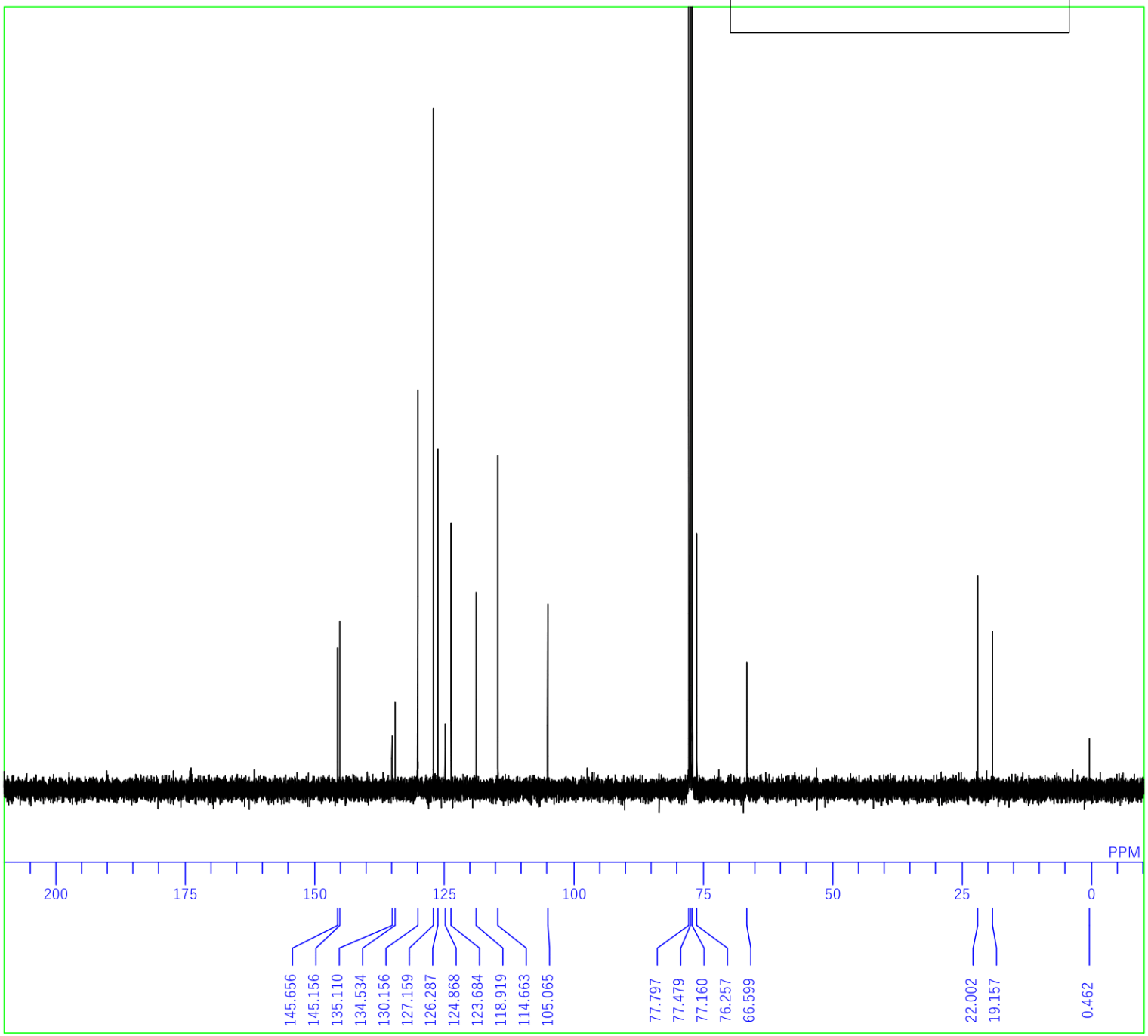


DFILE	M5-71-2-sankaime-cdcl3.als
COMNT	
DATIM	2023-02-22 12:19:40
OBNUC	H1
EXMOD	s2pul
OBFRQ	399.91 MHz
OBSET	1.99 KHz
OBFIN	2.00 Hz
POINT	32768
FREQU	6410.26 Hz
SCANS	32
ACQTM	3.5000 sec
PD	1.0000 sec
PW1	7.15 usec
IRNUC	
CTEMP	37.0 c
SLVNT	cdcl3
EXREF	7.26 ppm
BF	0.10 Hz
RGAIN	42

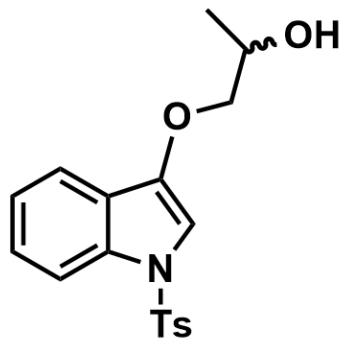


3

Figure S12. ^{13}C-NMR of 3

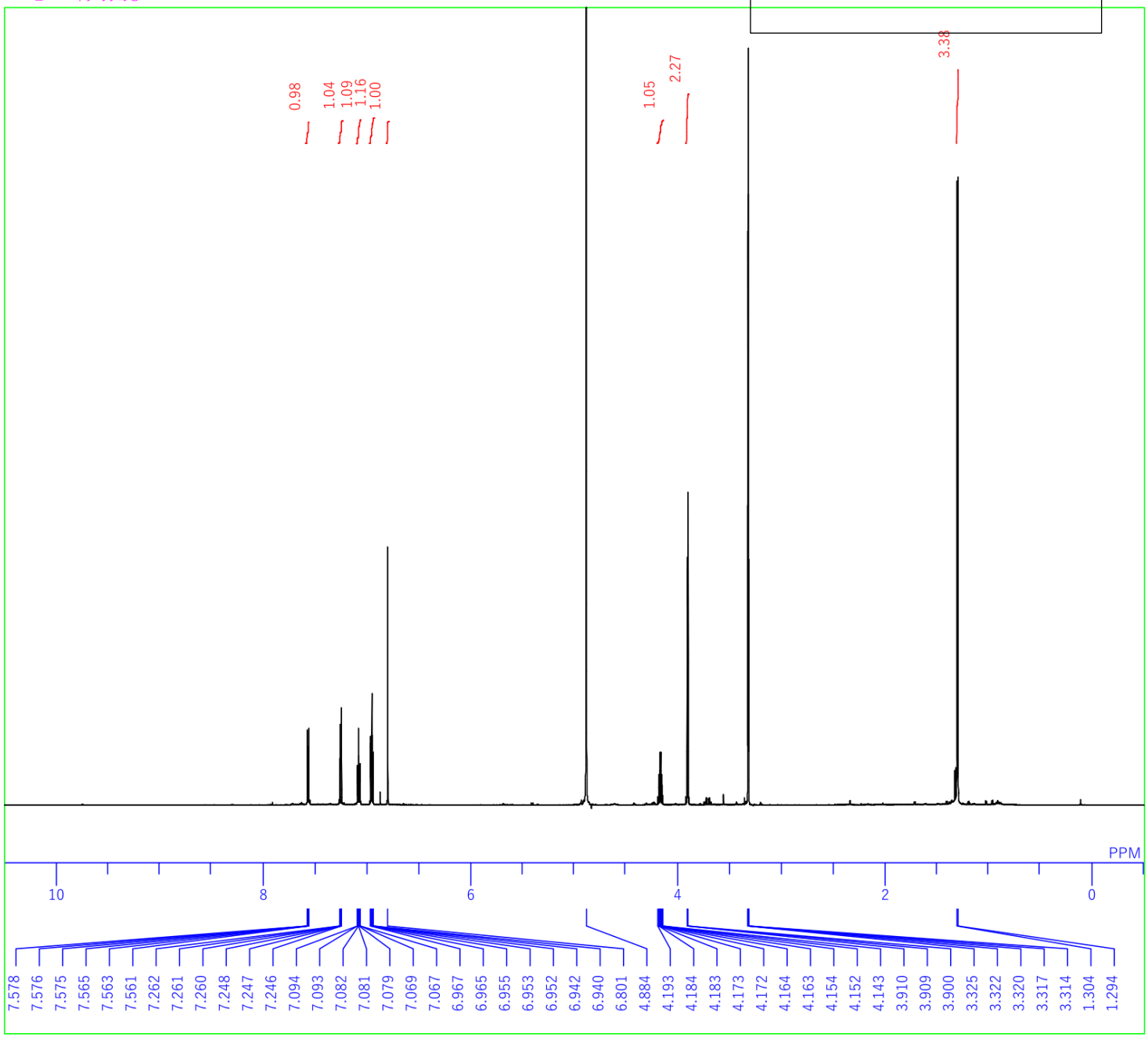


DFILE 13C-M5-71-2-sankaime-cdcl3.als
COMNT
DATIM 2023-02-22 12:25:38
OBNUC C13
EXMOD s2pul
OBFRQ 100.56 MHz
OBSET 8.40 KHz
OBFIN 8.30 Hz
POINT 32768
FREQU 25000.00 Hz
SCANS 64
ACQTM 1.3107 sec
PD 1.0000 sec
PW1 5.95 usec
IRNUC
CTEMP 37.0 c
SLVNT cdcl3
EXREF 77.16 ppm
BF 0.10 Hz
RGAIN 54

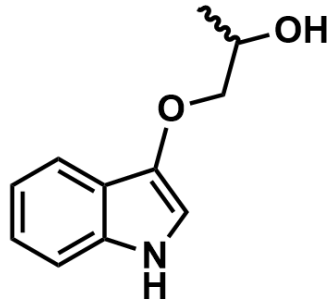


3

Figure S13. ^{1}H-NMR of 1

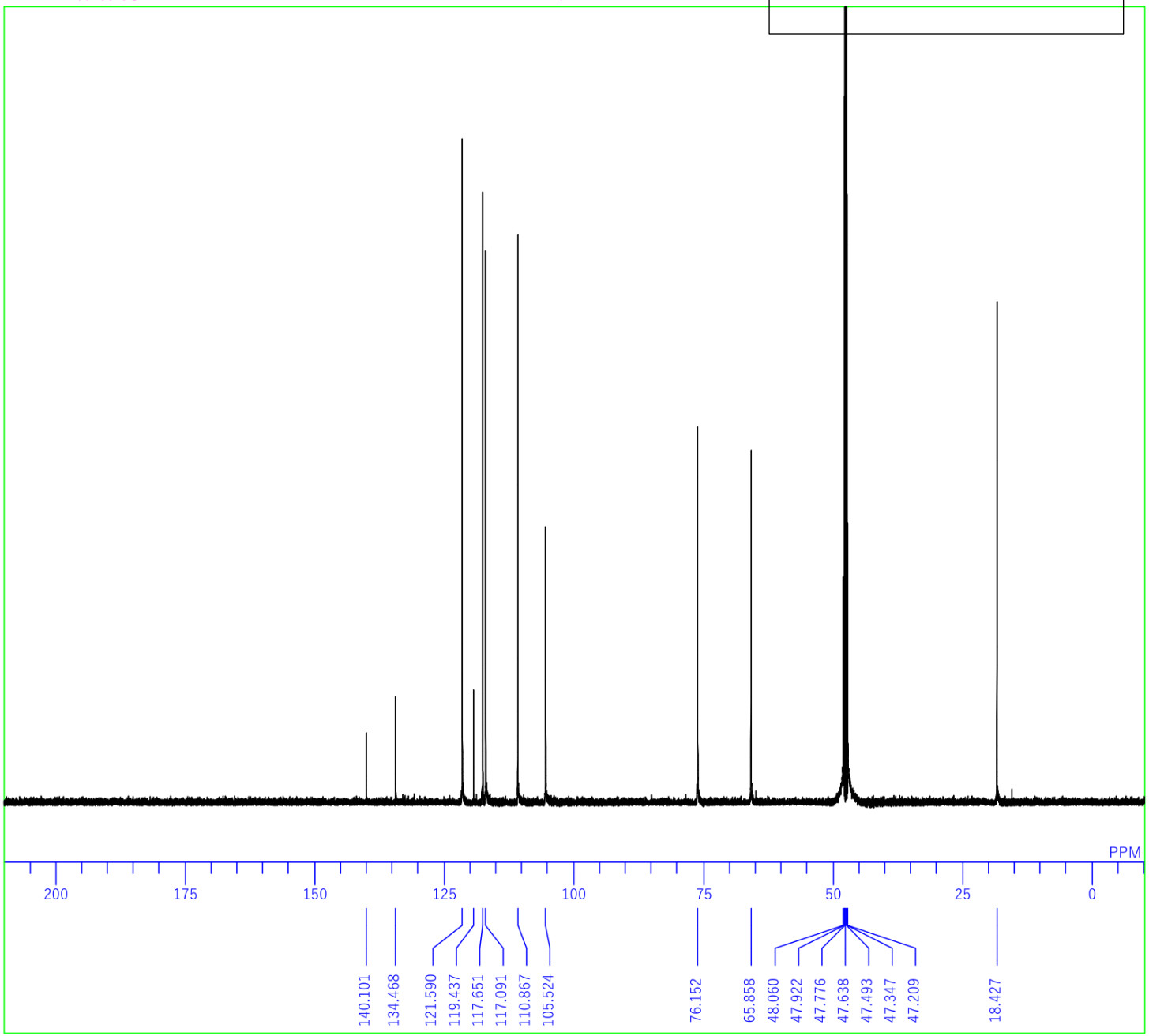


DFILE	M7-36-1-nikaime-meod.als
COMNT	
DATIM	2023-08-10 18:00:19
OBNUC	H1
EXMOD	s2pul
OBFRQ	599.76 MHz
OBSET	7.42 KHz
OBFIN	3.60 Hz
POINT	32768
FREQU	9615.38 Hz
SCANS	32
ACQTM	3.4079 sec
PD	1.0000 sec
PW1	5.65 usec
IRNUC	
CTEMP	15.0 c
SLVNT	cd3od
EXREF	0.00 ppm
BF	0.10 Hz
RGAIN	46

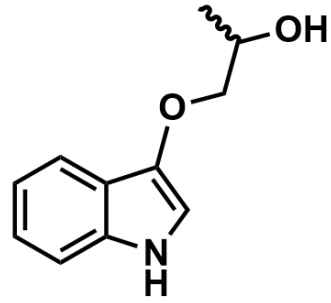


1

Figure S14. ^{13}C-NMR of 1



DFILE	13C-M7-38-2-meod-2-power.als
COMNT	
DATIM	2023-08-11 15:21:29
OBNUC	C13
EXMOD	s2pul
OBFRQ	150.82 MHz
OBSET	7.32 KHz
OBFIN	2.90 Hz
POINT	32768
FREQU	37878.79 Hz
SCANS	64
ACQTM	0.8651 sec
PD	1.0000 sec
PW1	6.10 usec
IRNUC	
CTEMP	15.0 c
SLVNT	cd3od
EXREF	0.00 ppm
BF	0.10 Hz
RGAIN	60



1