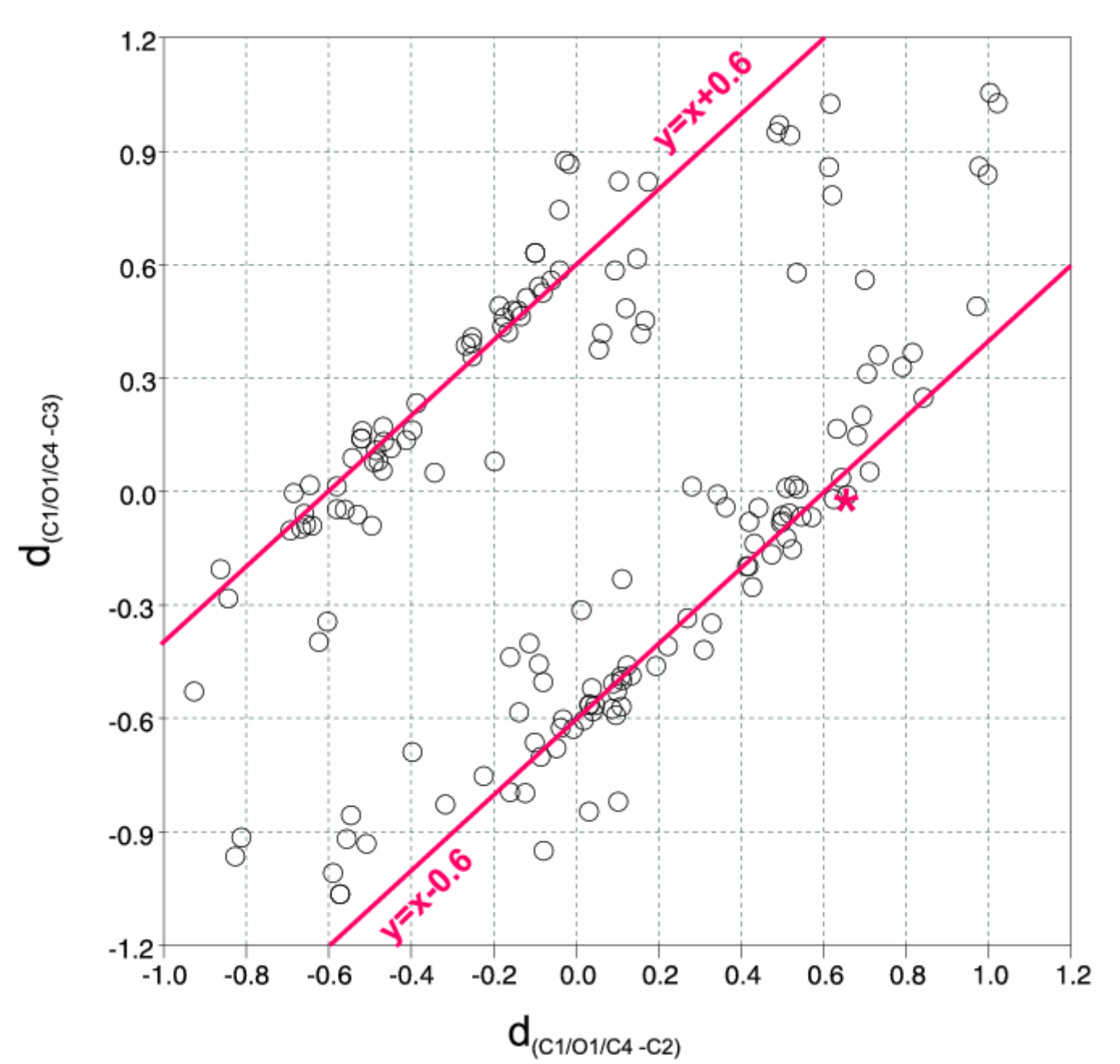


Figure S1. The dependences between the deviation of the C2 and C3 atom from the plane calculated through the C1/O1/C4 atoms (d~(C1/O1/C4-C2)~ - the shortest distance between the C2 atom and the above mentioned plane, noted as x in the equation; d~(C1/O1/C4-C3)~ - the shortest distance between the C3 atom and the above mentioned plane, noted as y in the equation).

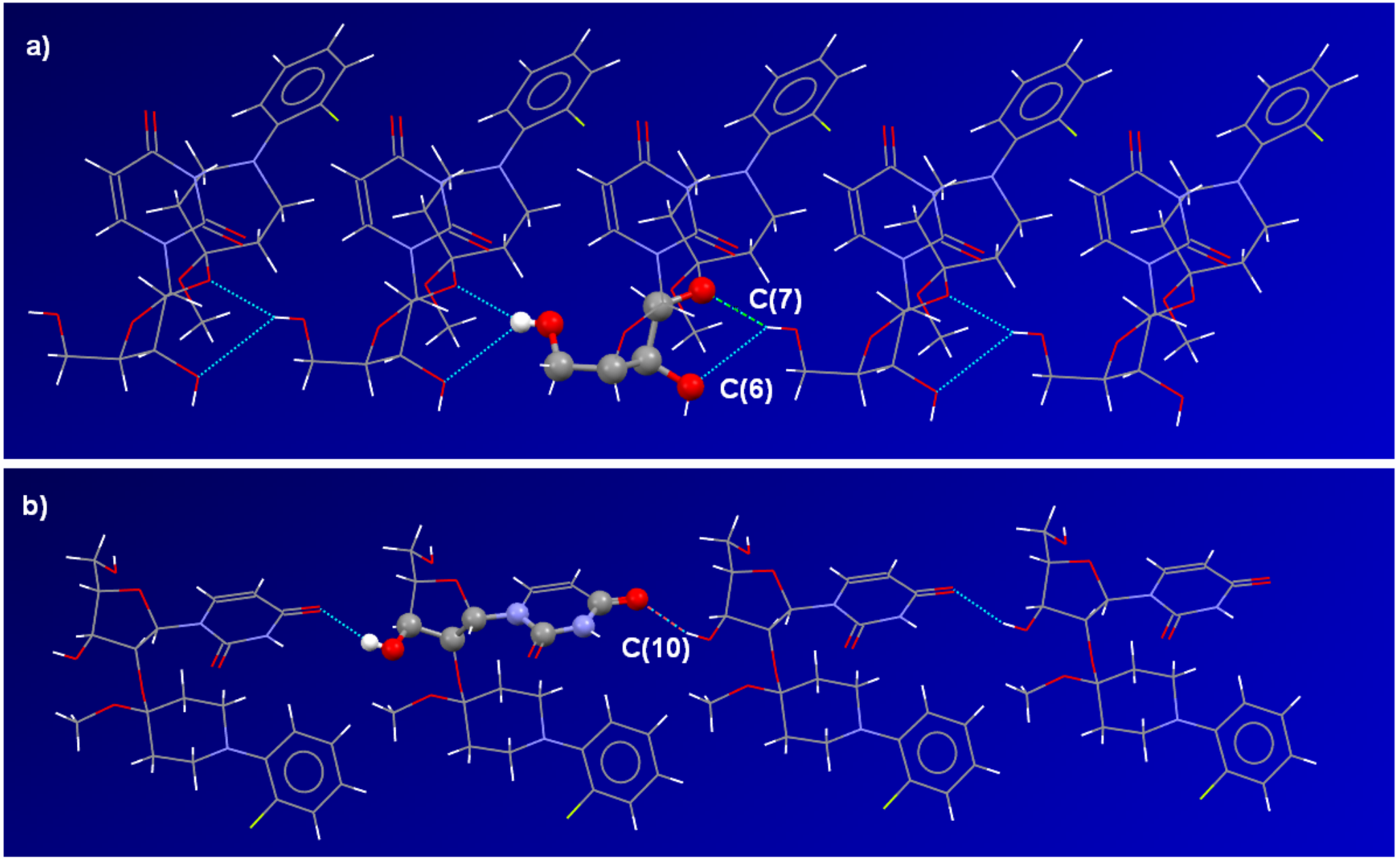


Figure S2. A part of the molecular packing of (I), showing: a) the hydrogen bond C(6) and C(7) motifs, b) the hydrogen bond C(10) motif. Intermolecular hydrogen bonds are indicated by dashed lines.

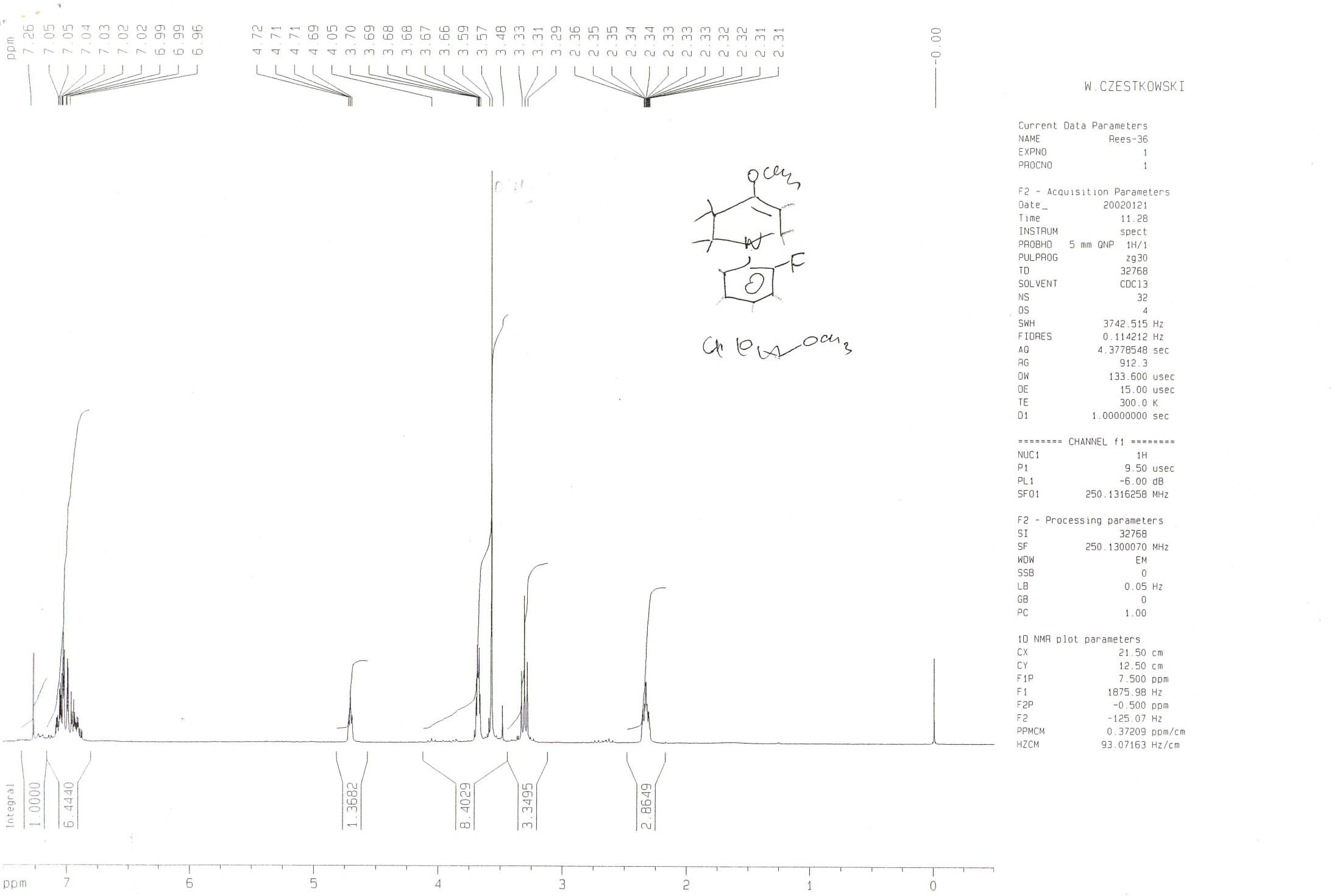


Figure S3. The ^{1}H NMR spectrum of the 1-(2-fluorophenyl)-4-metoxy-1,2,5,6-tetrahydropyridine

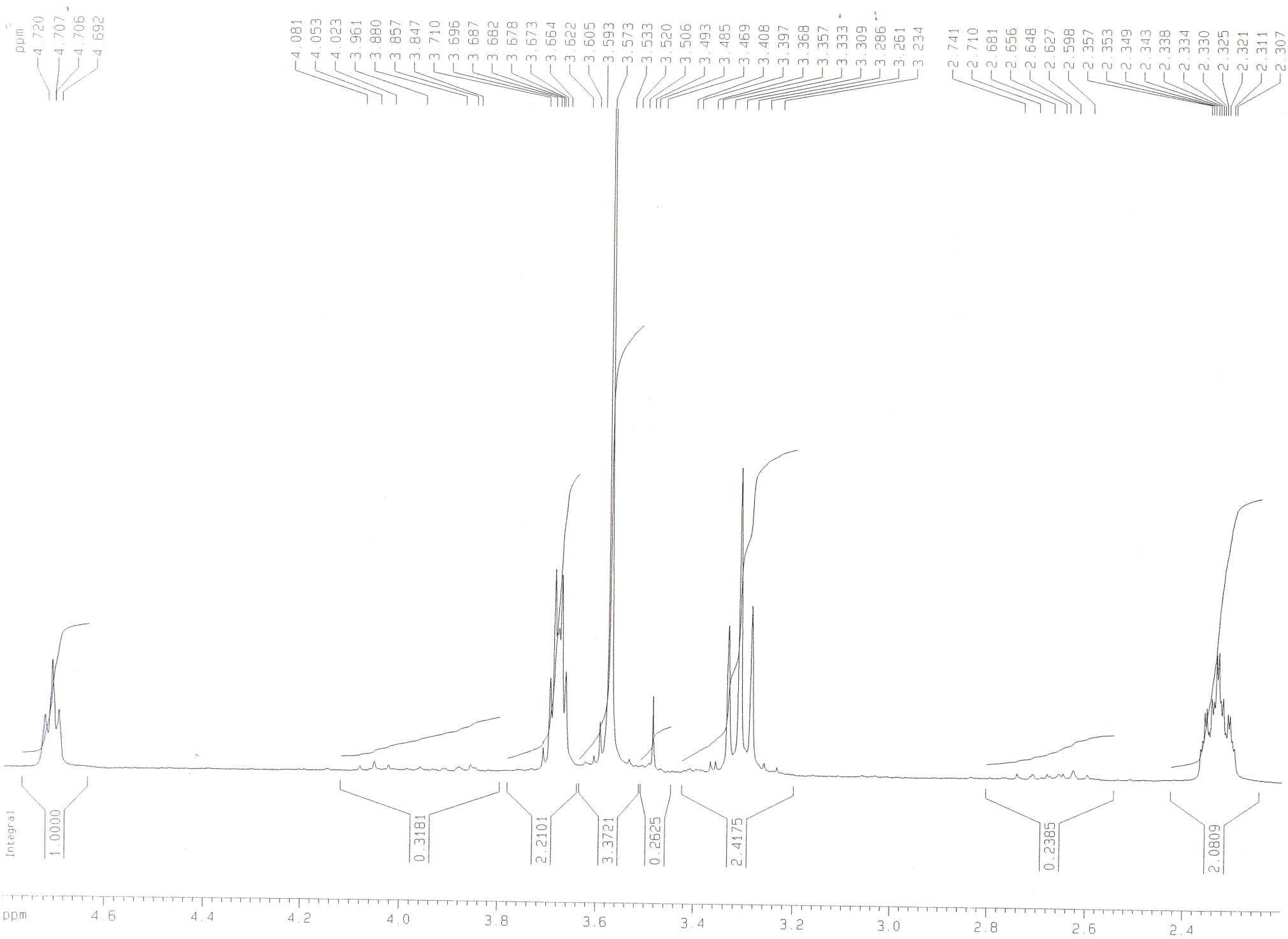
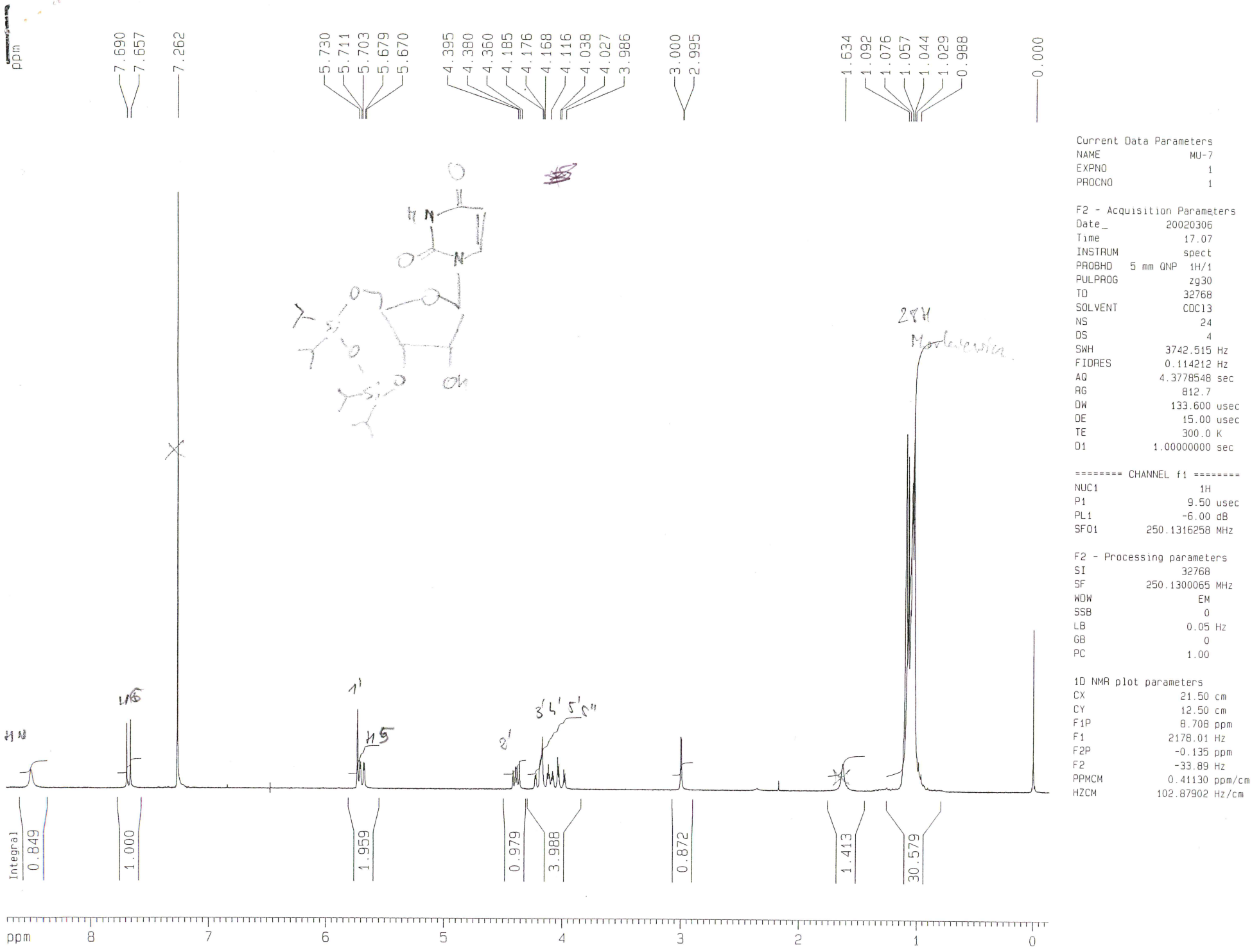


Figure S4. The enlarged part of the ^{1}H NMR spectrum of the 1-(2-fluorophenyl)-4-metoxy-1,2,5,6-tetrahydropyridine



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PROCNO	1

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DS	4
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FIDRES	0.114212 Hz
AQ	4.3778548 sec
RG	812.7
DW	133.600 usec
DE	15.00 usec
TE	300.0 K
D1	1.00000000 sec

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

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PL1	-6.00 dB
SFO1	250.1316258 MHz

F2 - Processing parameters

SI	32768
SF	250.1300065 MHz
WDW	EM
SSB	0
LB	0.05 Hz
GB	0
PC	1.00

1D NMR plot parameters

CX	21.50 cm
CY	12.50 cm
F1P	8.708 ppm
F1	2178.01 Hz
F2P	-0.135 ppm
F2	-33.89 Hz
PPMCM	0.41130 ppm/cm
HZCM	102.87902 Hz/cm

Figure S5. The ^{1}H NMR spectrum of the 3',5'-O-(1,1,3,3-tetraisopropyldisiloxan-1,3-diyl)--D-[1'(R),2'(R),3'(R),4'(R)]uridine

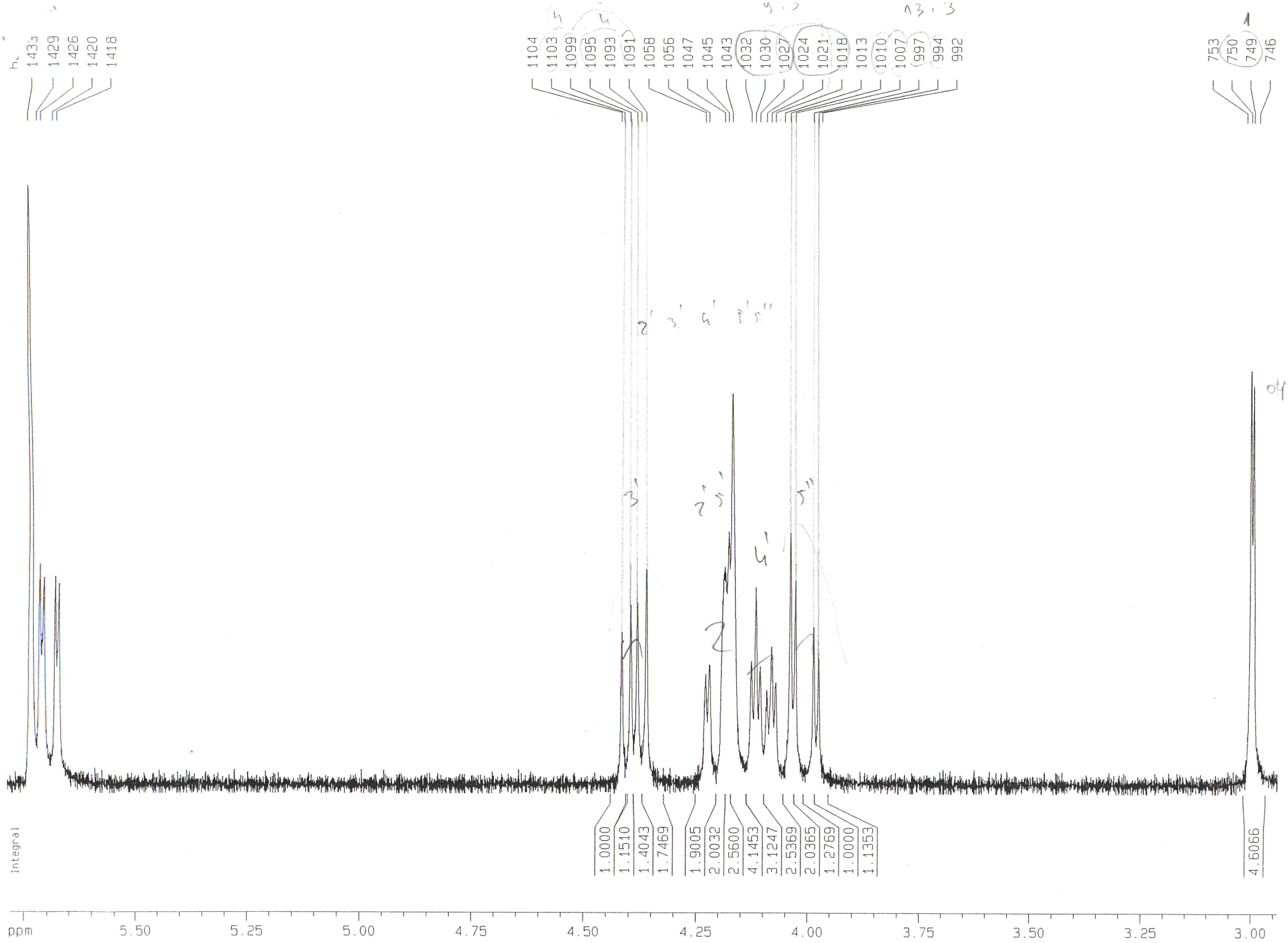


Figure S6. The enlarged part of the ^{1}H NMR spectrum of the 3',5'-O-(1,1,3,3-tetraisopropyldisiloxan-1,3-diyl)-β-D-[1'(R),2'(R),3'(R),4'(R)]uridine

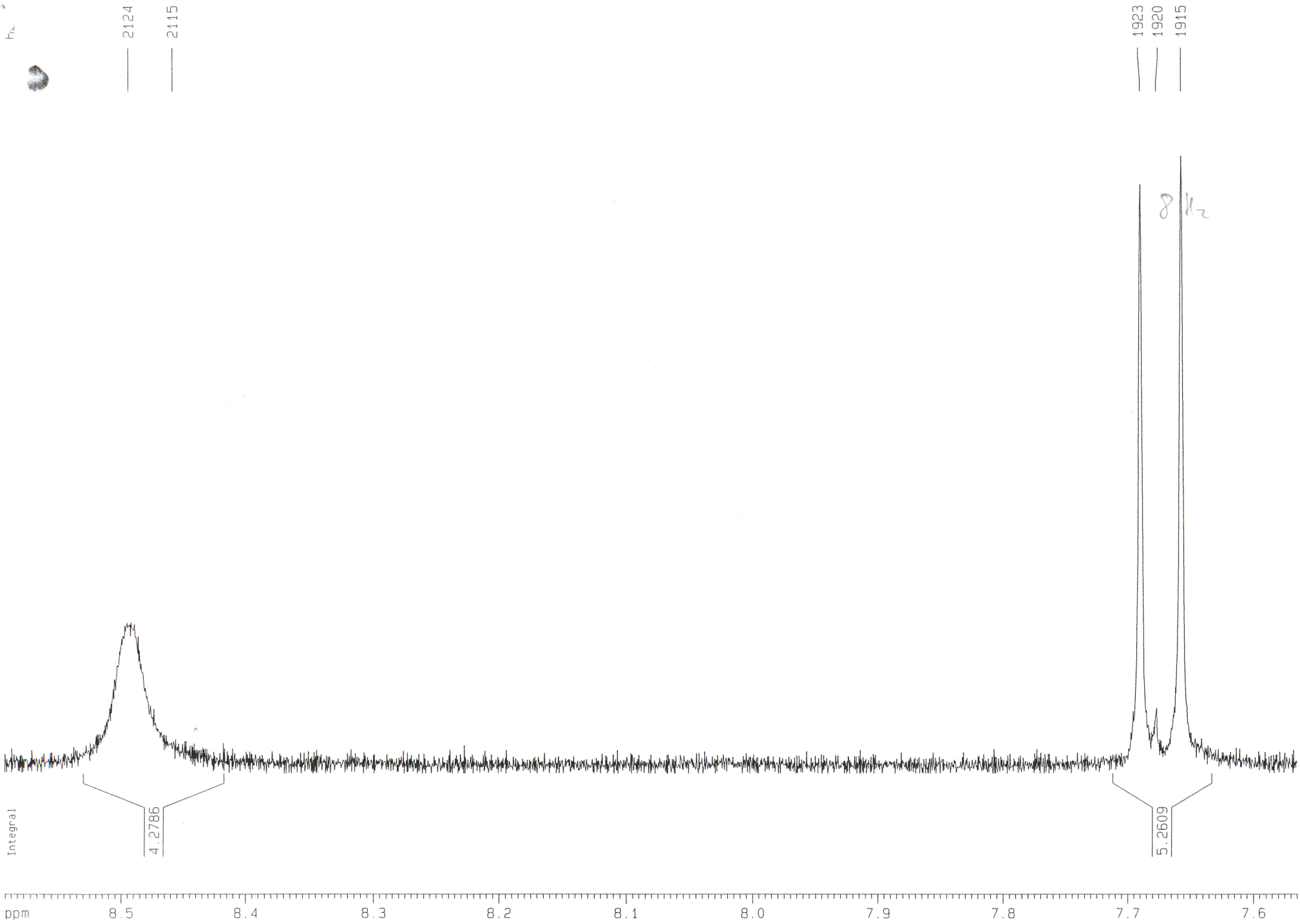


Figure S7. The enlarged part of the ^{1}H NMR spectrum of the 3',5'-O-(1,1,3,3-tetraisopropyldisiloxan-1,3-diyl)-β-D-[1'(R),2'(R),3'(R),4'(R)]uridine

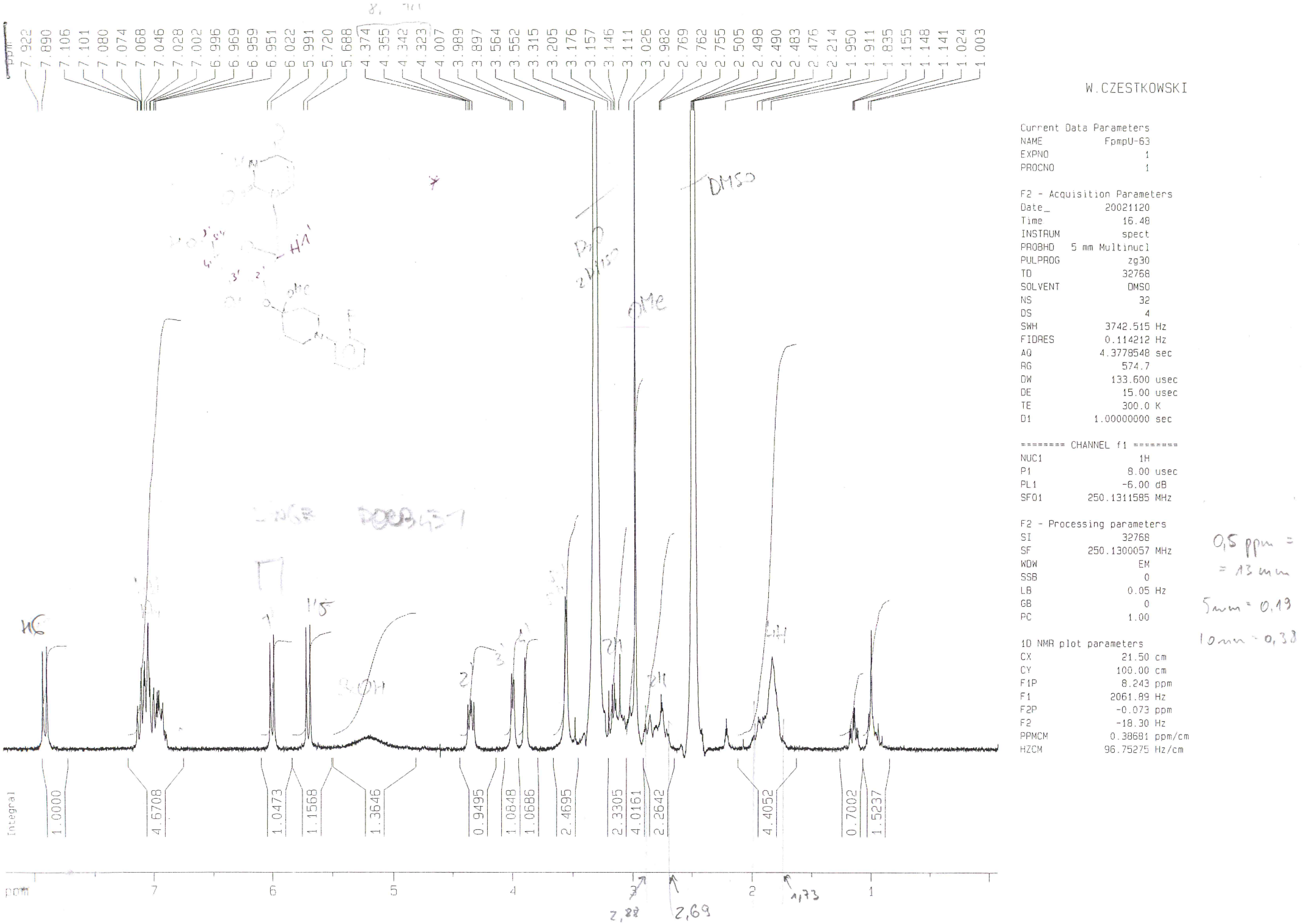


Figure S8. The ^{1}H NMR spectrum of the 2'-O-[1-(2-fluorophenyl)-4-metoxypiperidin-1-yl]-β-D-[1'(R),2'(R),3'(R),4'(R)]uridine (I)

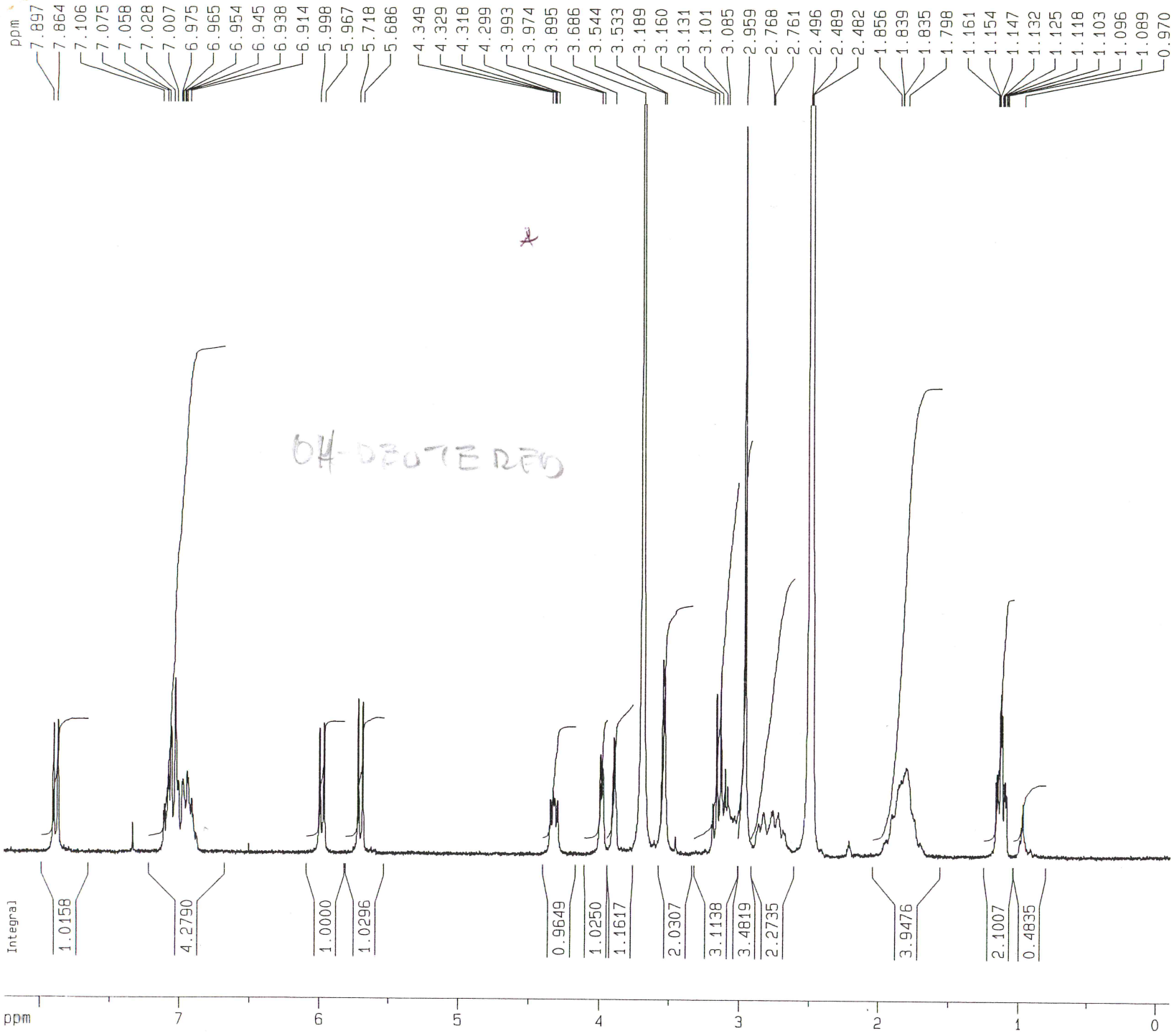
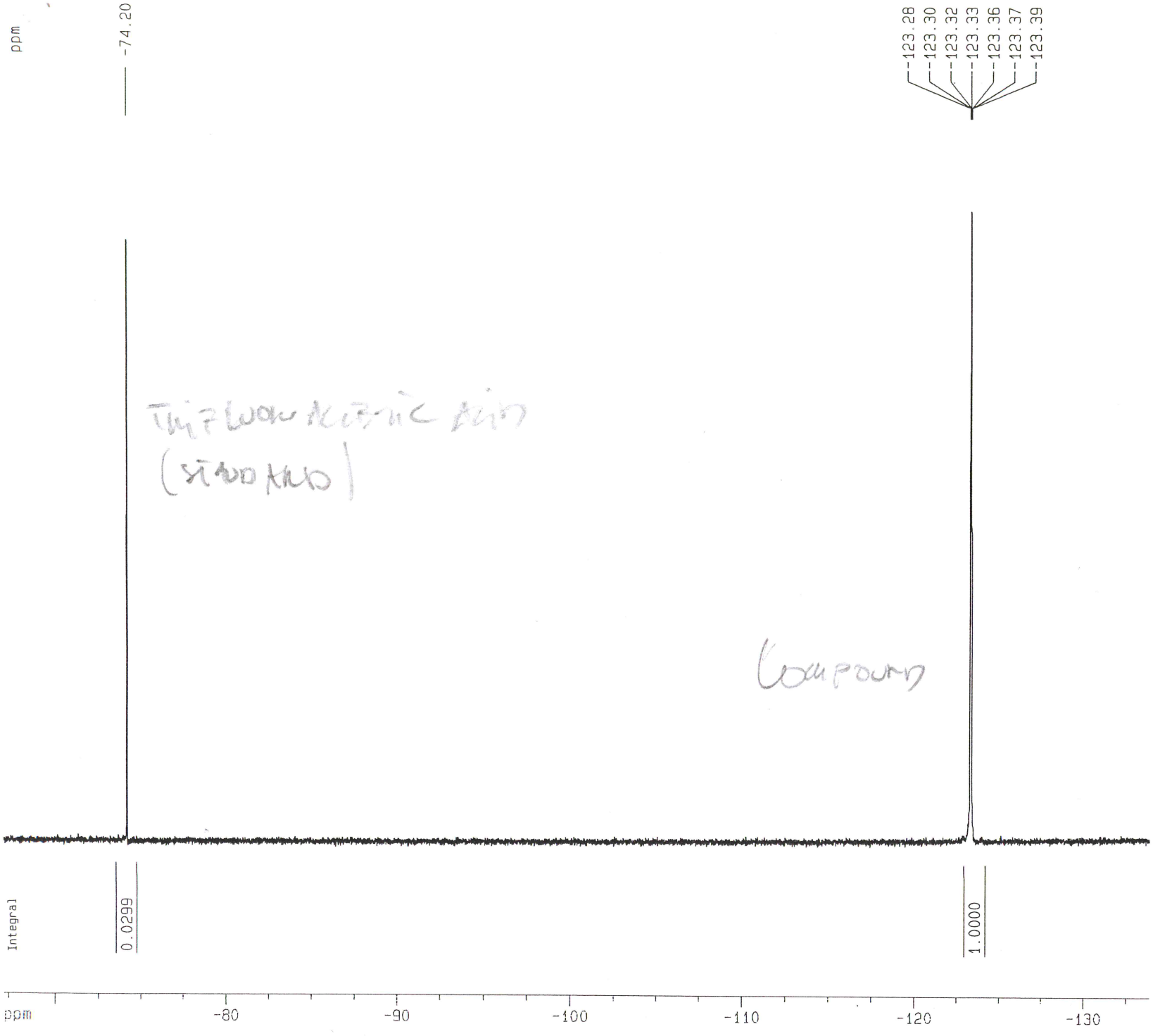


Figure S9. The ^{1}H NMR spectrum of the (I) with deuterated OH group



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PROCNO 1

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TD 131072
SOLVENT DMSO
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FIDRES 0.573639 Hz
AQ 0.8716788 sec
RG 256
DW 6.650 usec
DE 10.00 usec
TE 296.2 K
D1 1.00000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec

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PL1 -6.00 dB
SFO1 235.3480407 MHz

F2 - Processing parameters
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WDW EM
SSB 0
LB 0.50 Hz
GB 0
PC 1.00

1D NMR plot parameters
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CY 12.00 cm
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F1 -15818.96 Hz
F2P -133.896 ppm
F2 -31513.53 Hz
PPMCM 3.10158 ppm/cm
HZCM 729.98022 Hz/cm

Figure S10. The ^{19}F NMR spectrum of the (I)

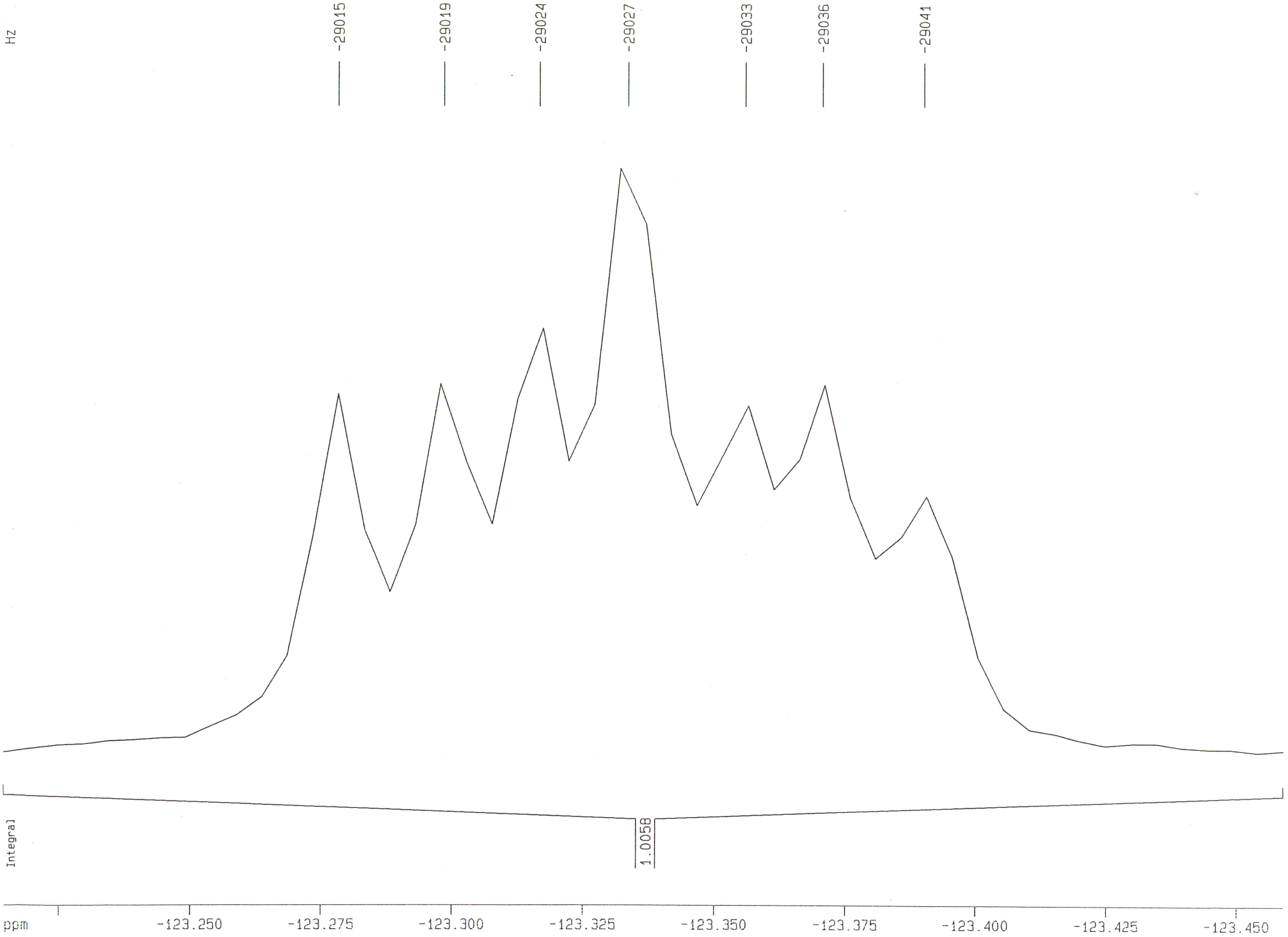

Figure S11. The enlarged part of the ^{19}F NMR spectrum of the (I)