

Supplementary Material

Synthesis of a coumarin/phenanthridine-fused heterocycle as a lockable colorimetric fluorescence molecular switch

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Taichung City 40704, Taiwan*

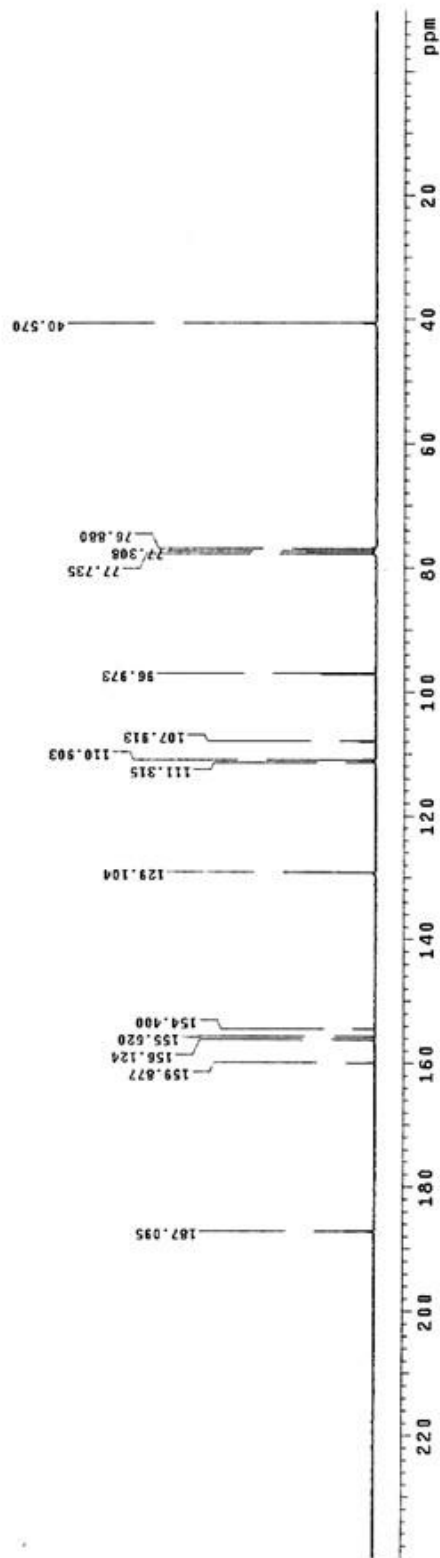
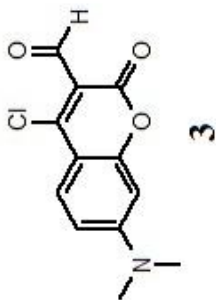
E-mail: yang@thu.edu.tw

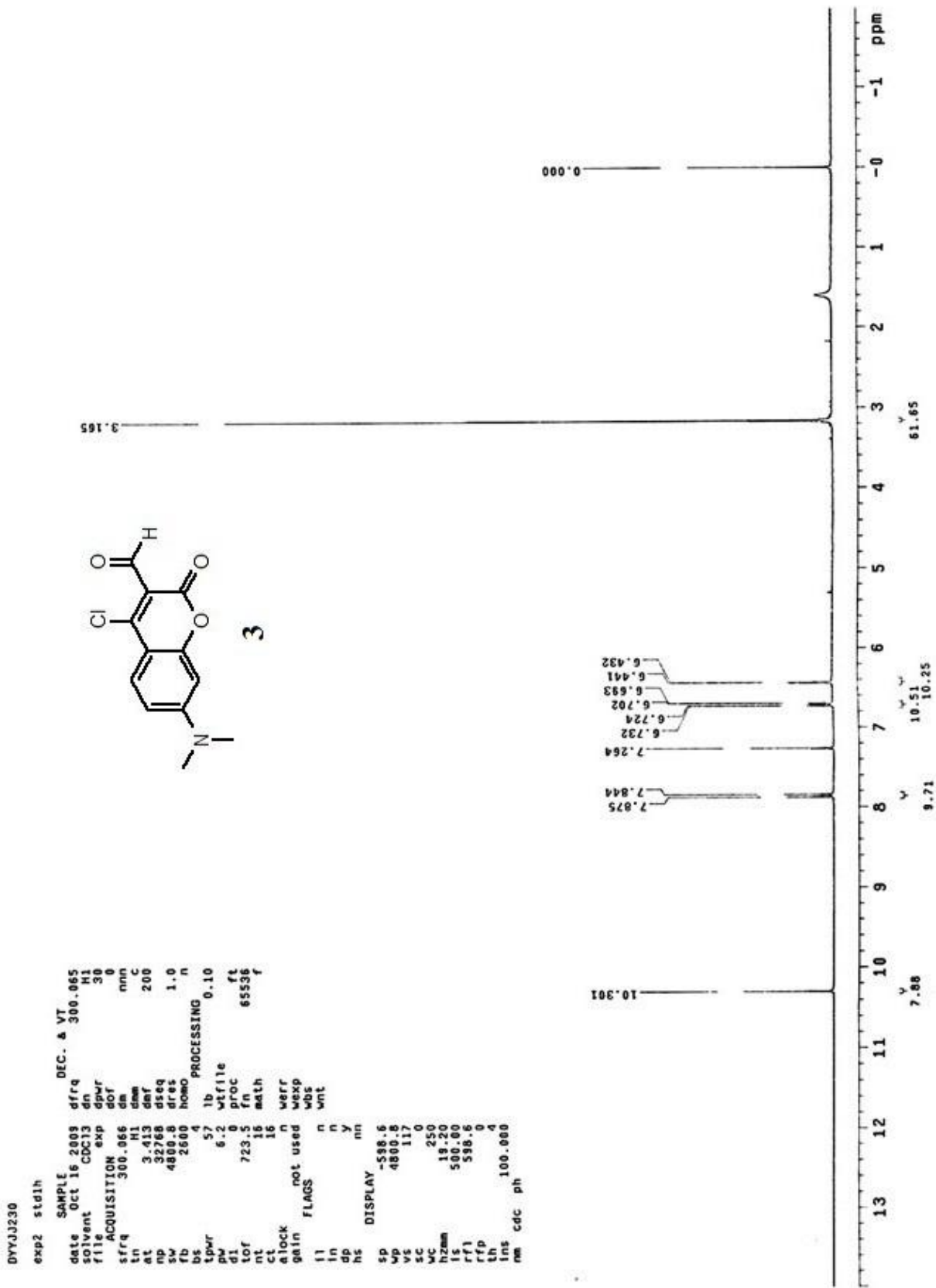
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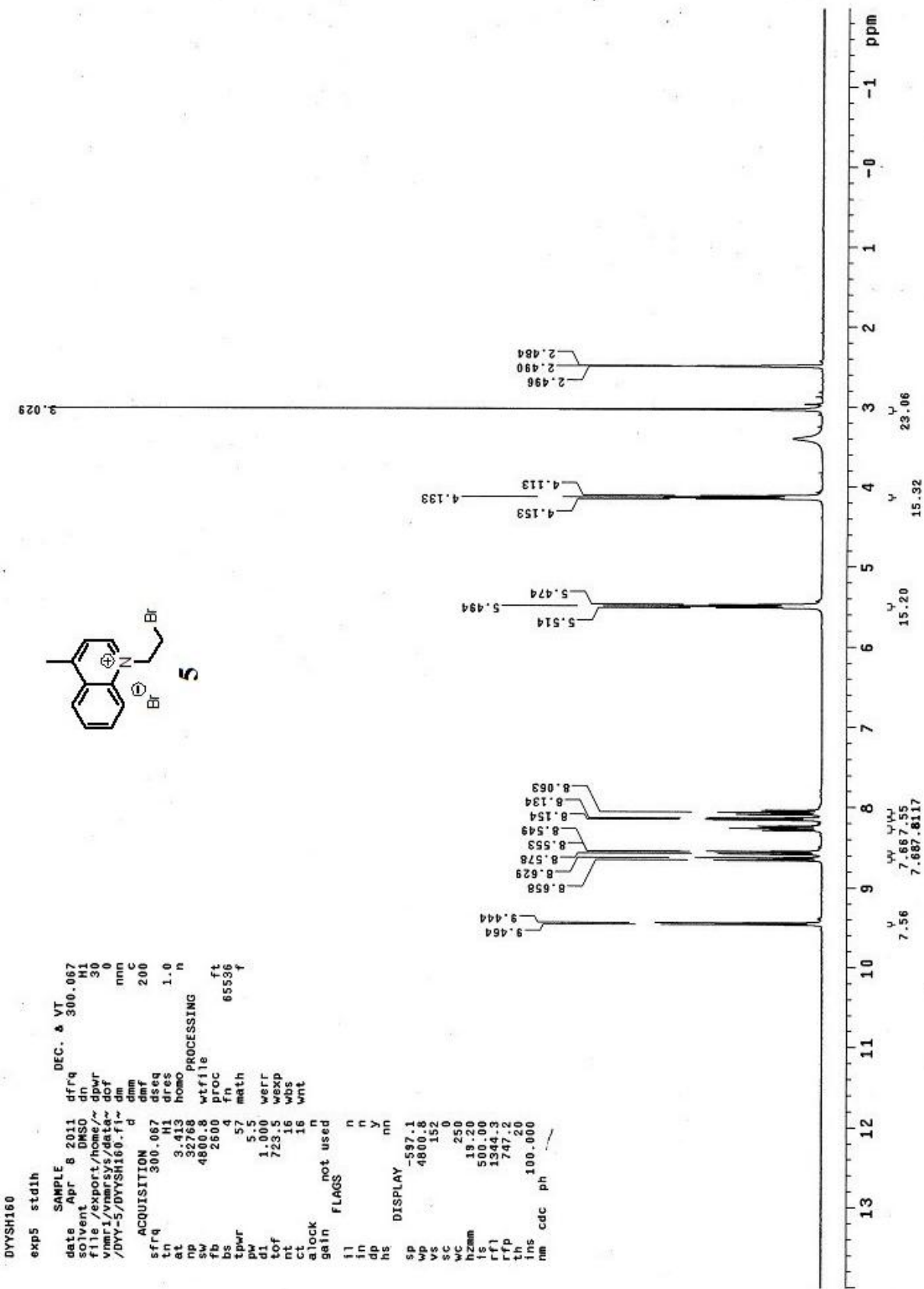
1	Copies of ^1H and ^{13}C NMR spectra of 3 , 5 , 1 , and 7-9	2-23
2	Copy of IR spectra of 7	16

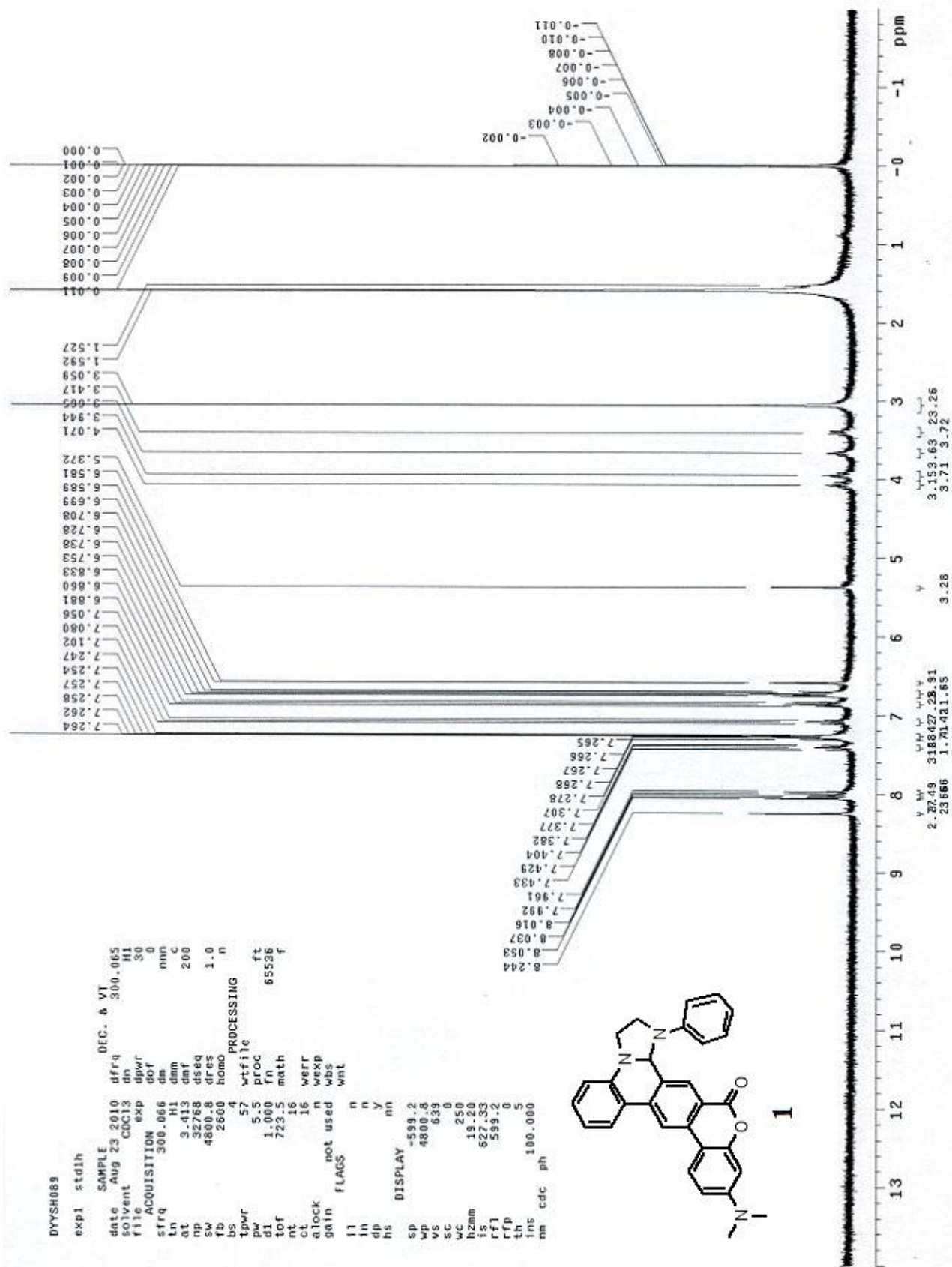
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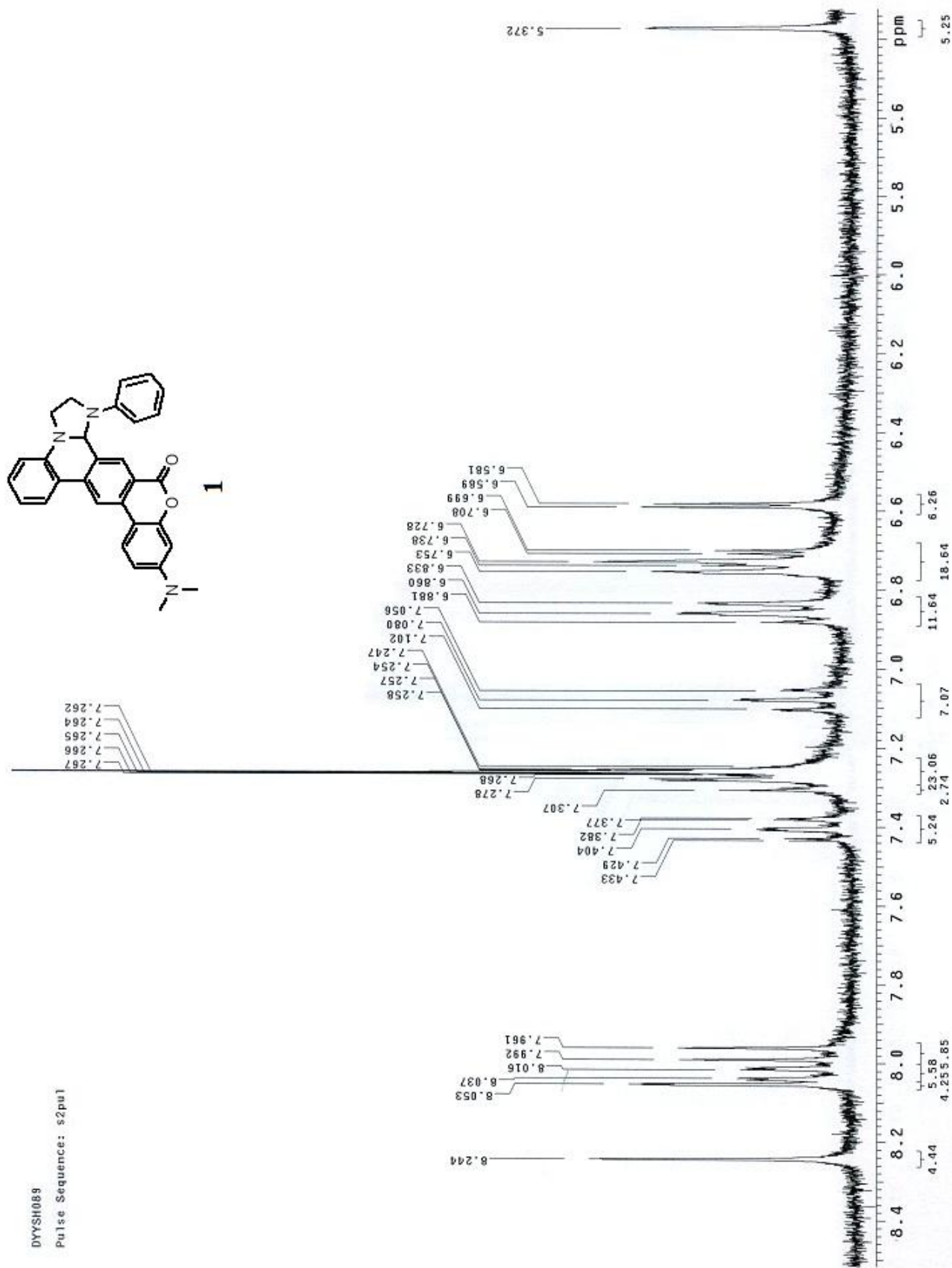
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solvent CDC13 en
filtime 41
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tn C13 dm 5700
at 0.889 dmf
np 32768 dseq
sw 18553.0 dres 1.0
bd 104.06 homo PROCESSING n
tpr 55 lb
pw 4.8 wfile 1.00
d1 2.000 proc ft
tor 1220.8 fn not used f
nt 3000 math
cl 3000 werr
clock not used wbp
gain not used wbt
flags n wnt
l1 n
ln n
dp y
hs min
SP DISPLAY -752.7
WP 18655.0
VE 34
SC 0
WC 250
hzom 20.12
f1 500.07
f2 752.7
rfp 0
th 3
ins no ph 100.000
  
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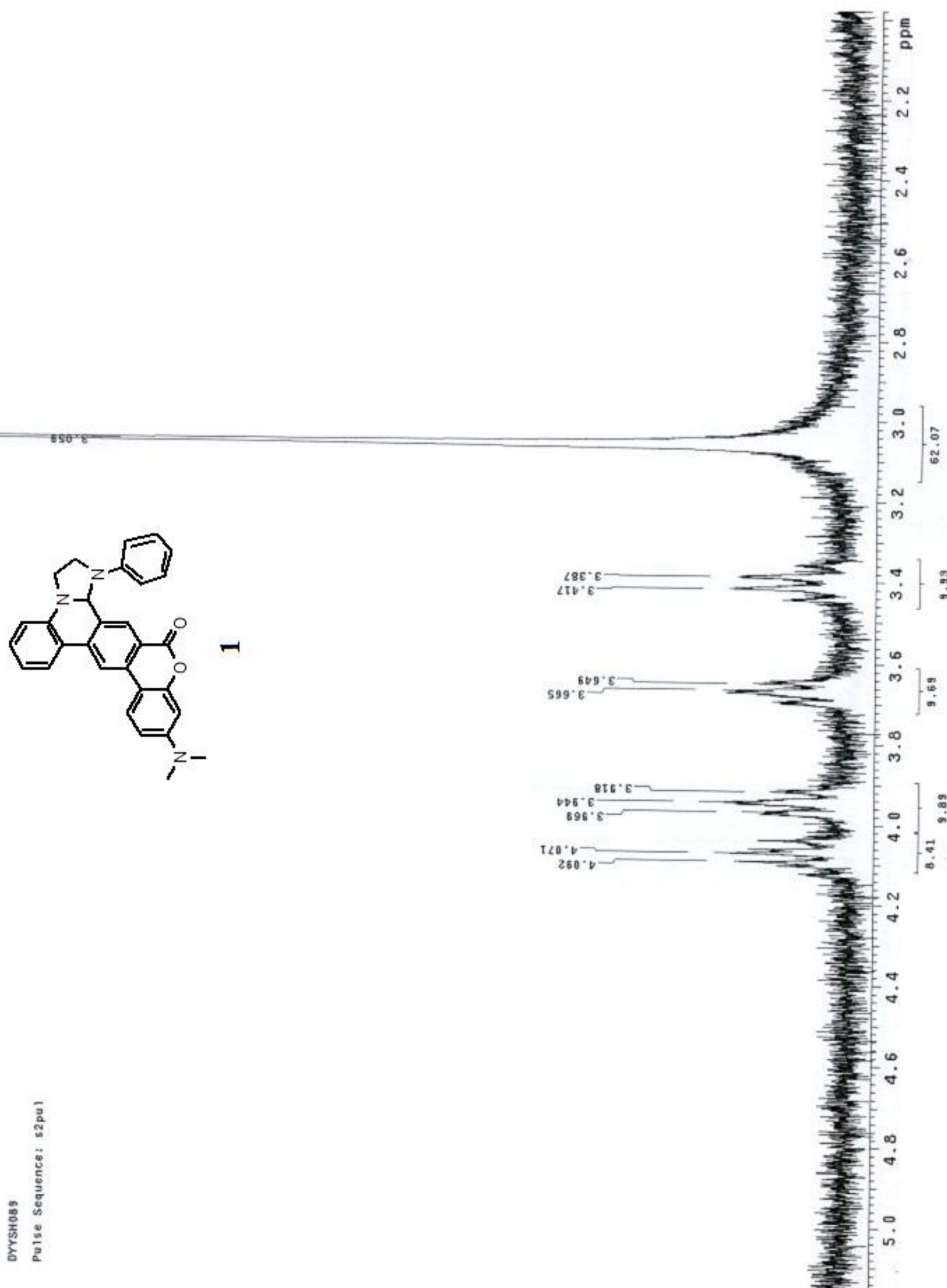


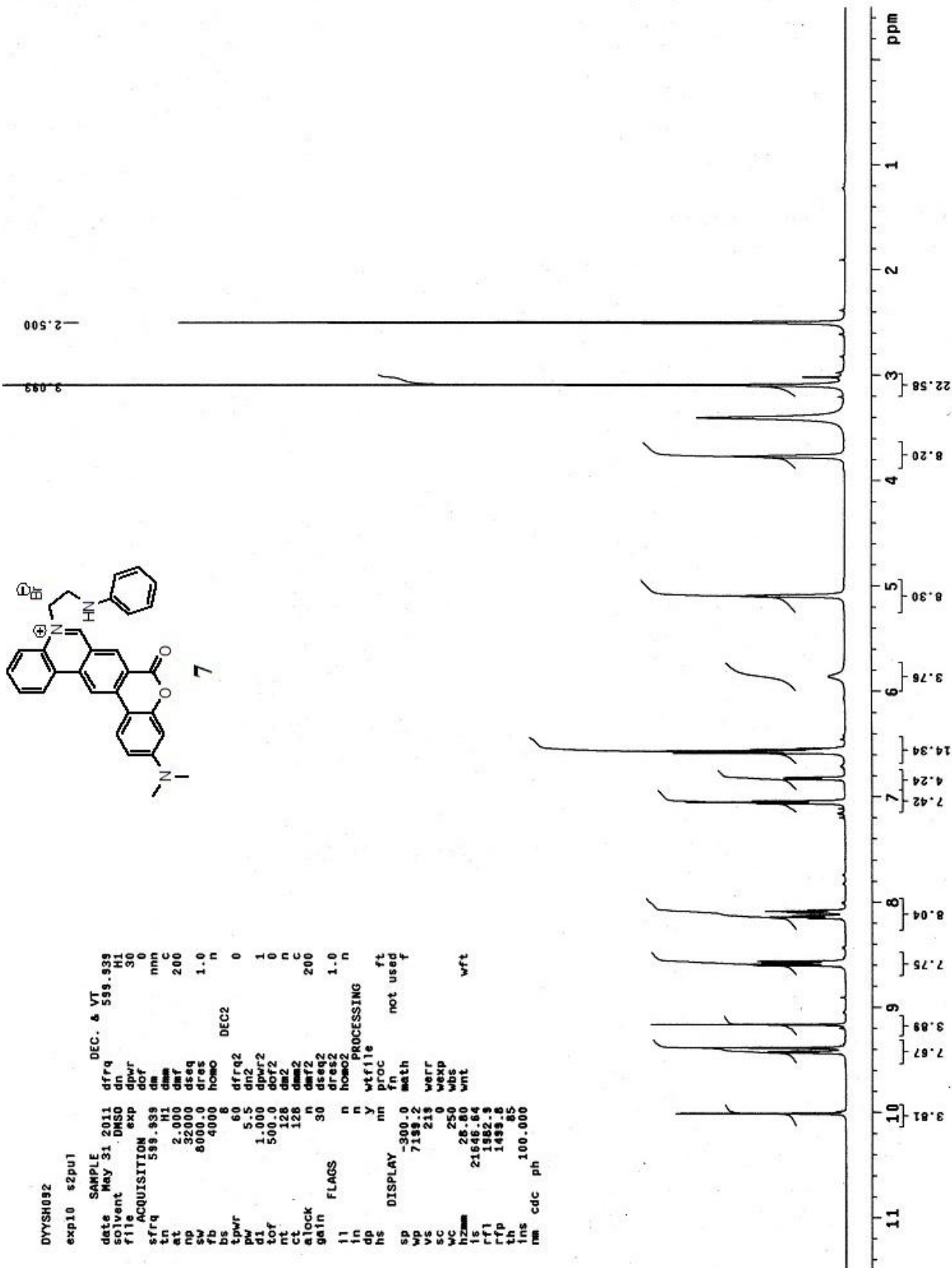


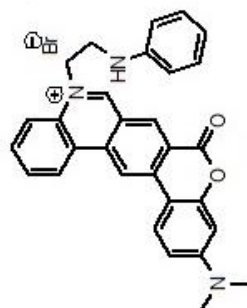


DYYSI089
 Pulse Sequence: s2pu1

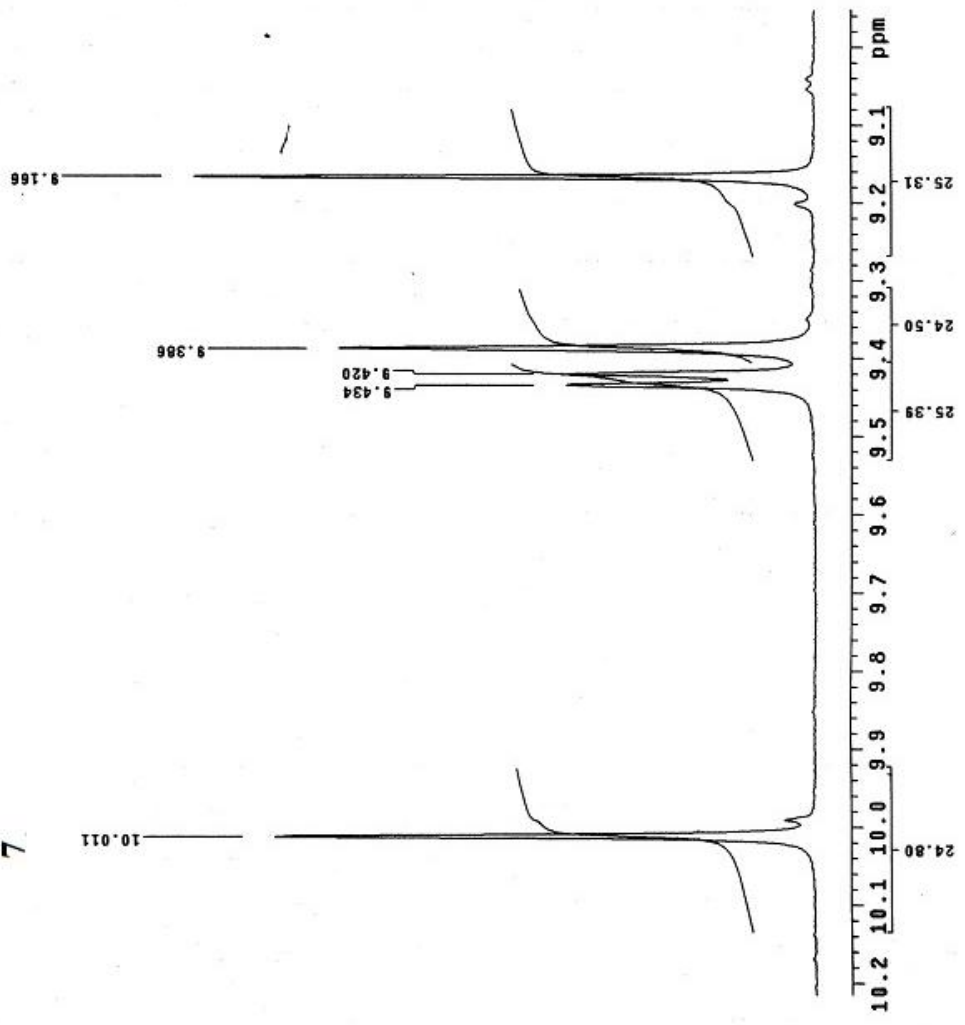
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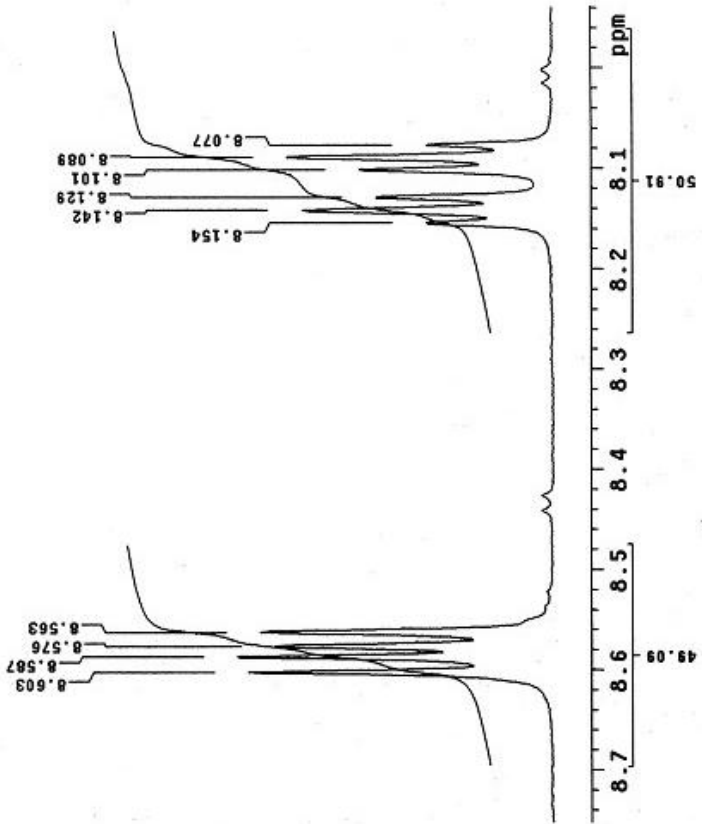
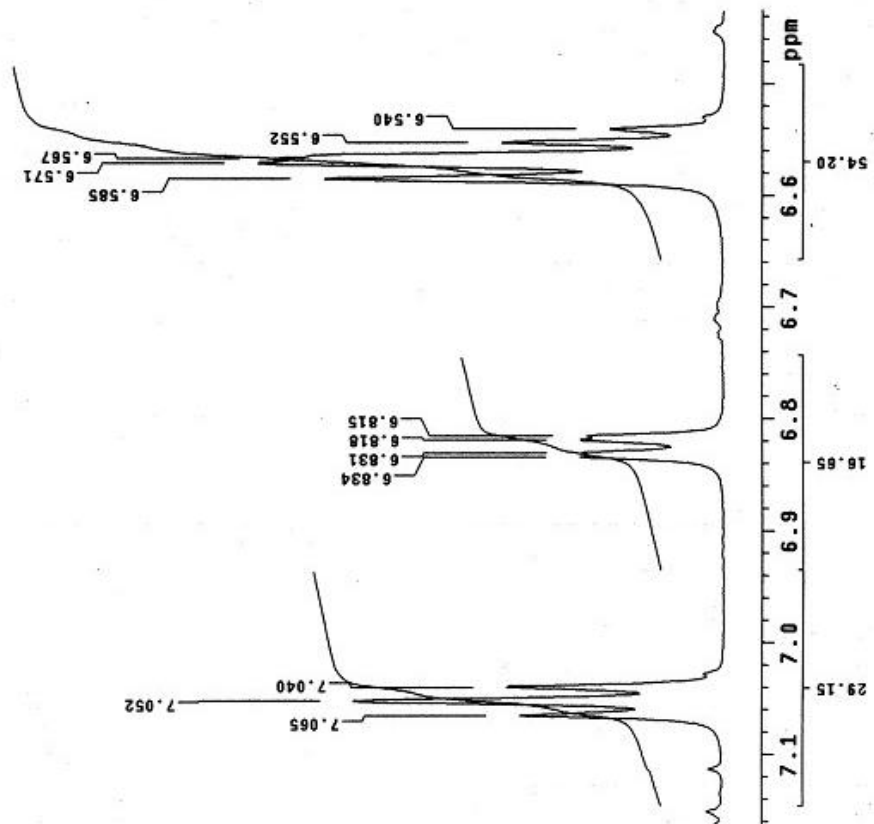
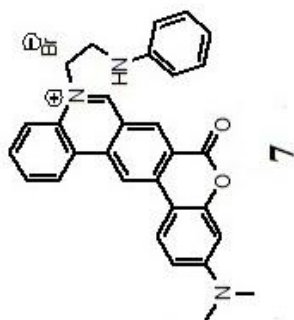


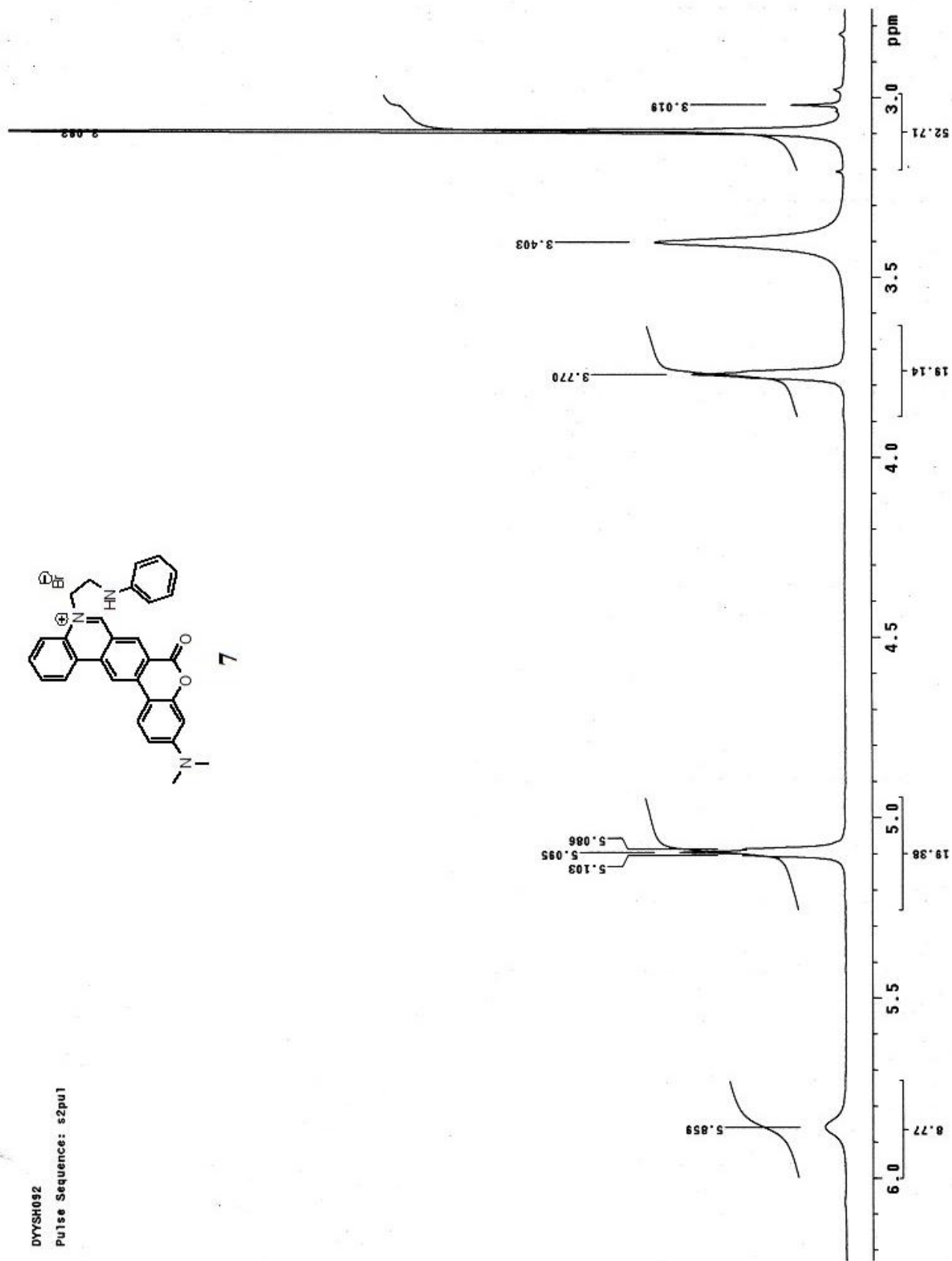
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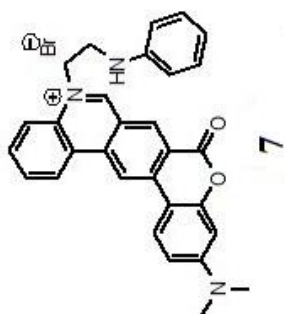
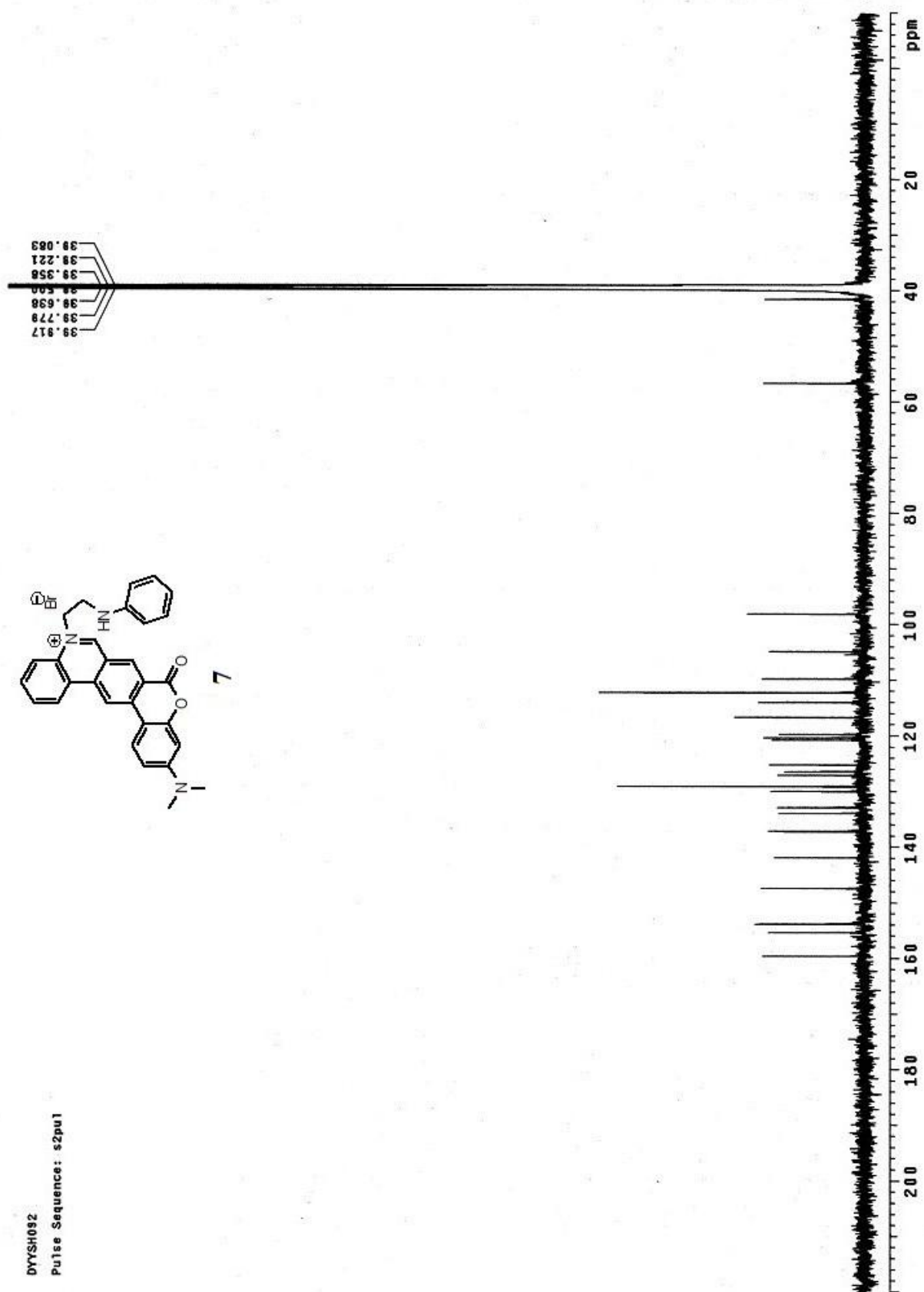
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Pulse Sequence: s2pu1

DYYSH032
Pulse Sequence: s2pu1

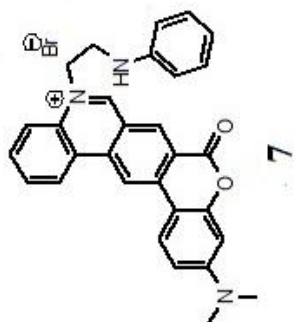




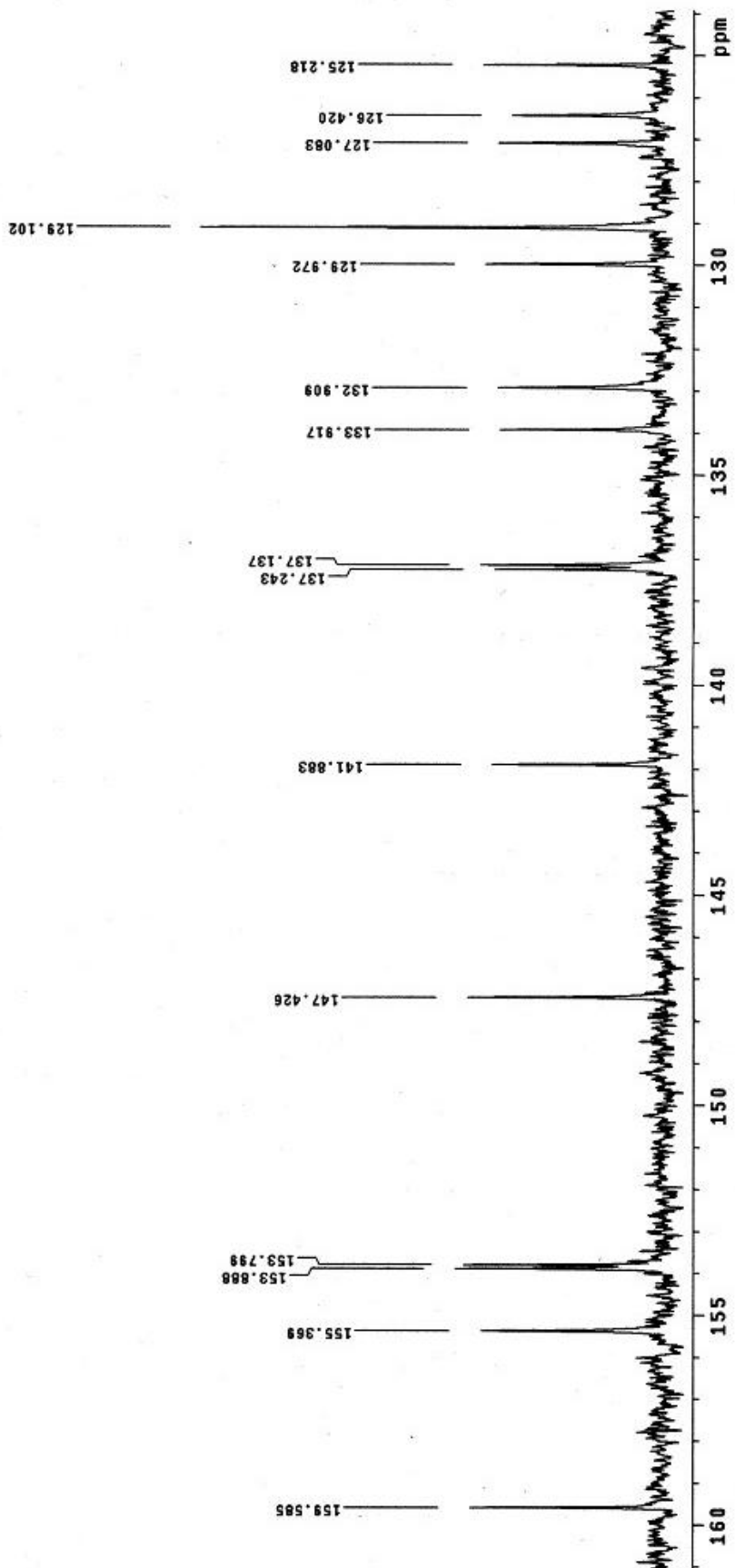
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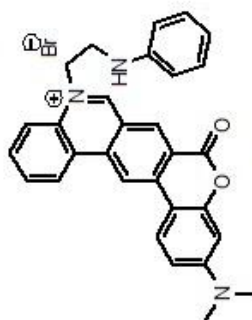


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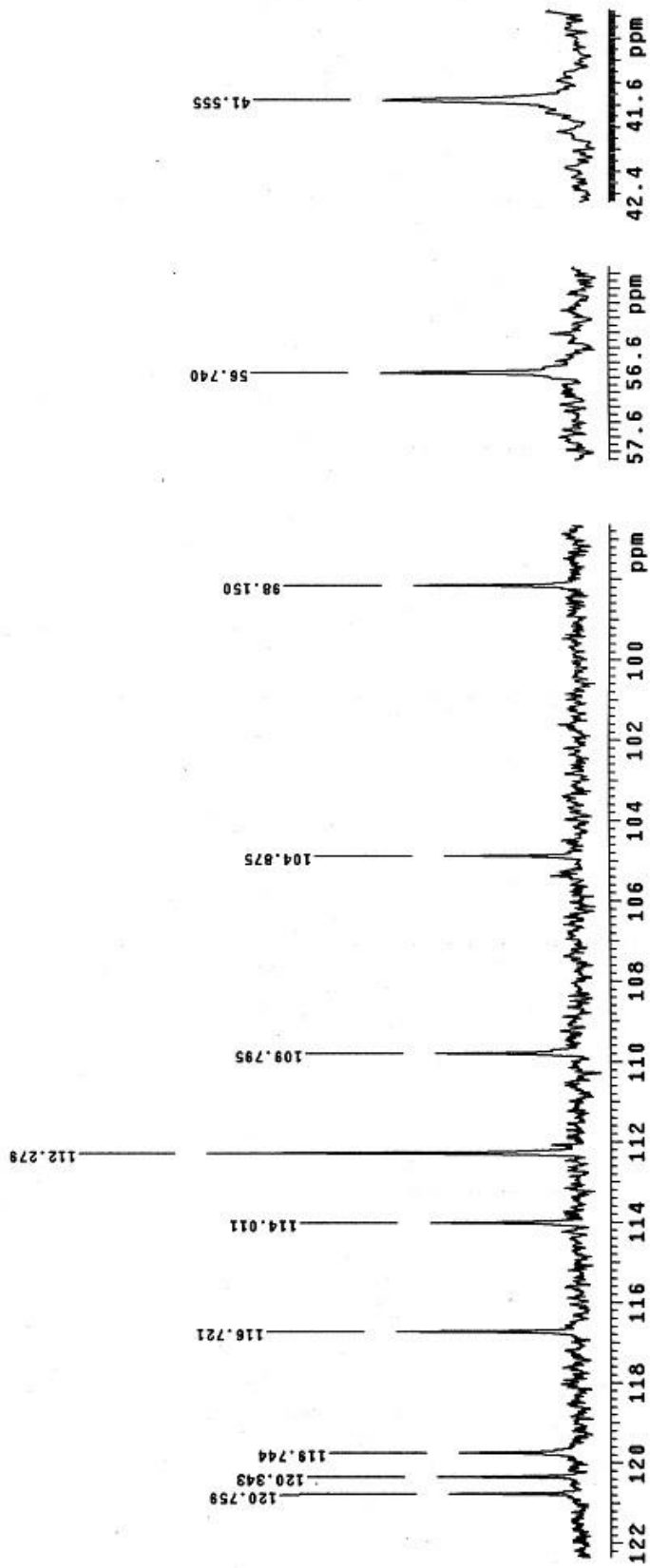
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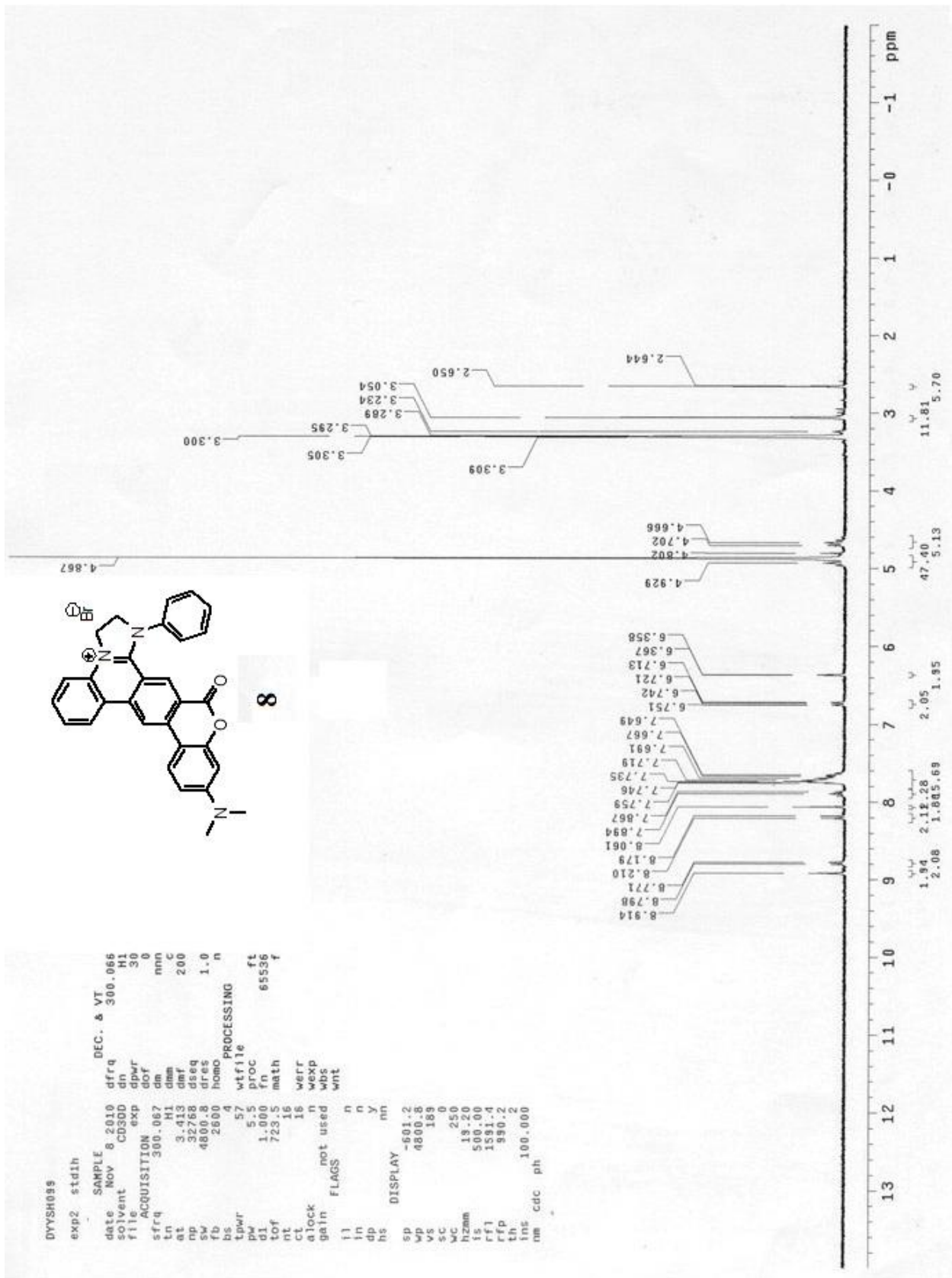


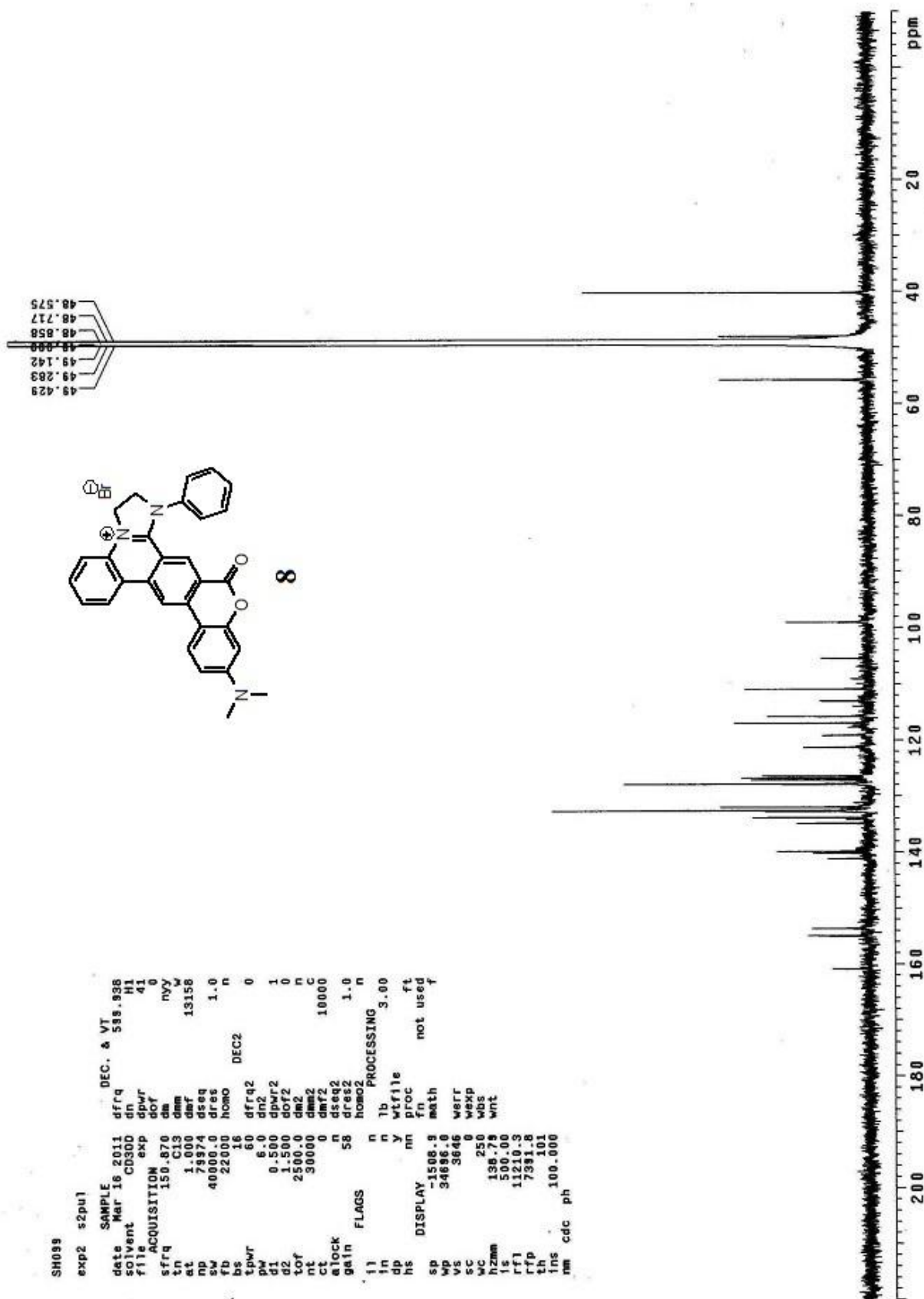


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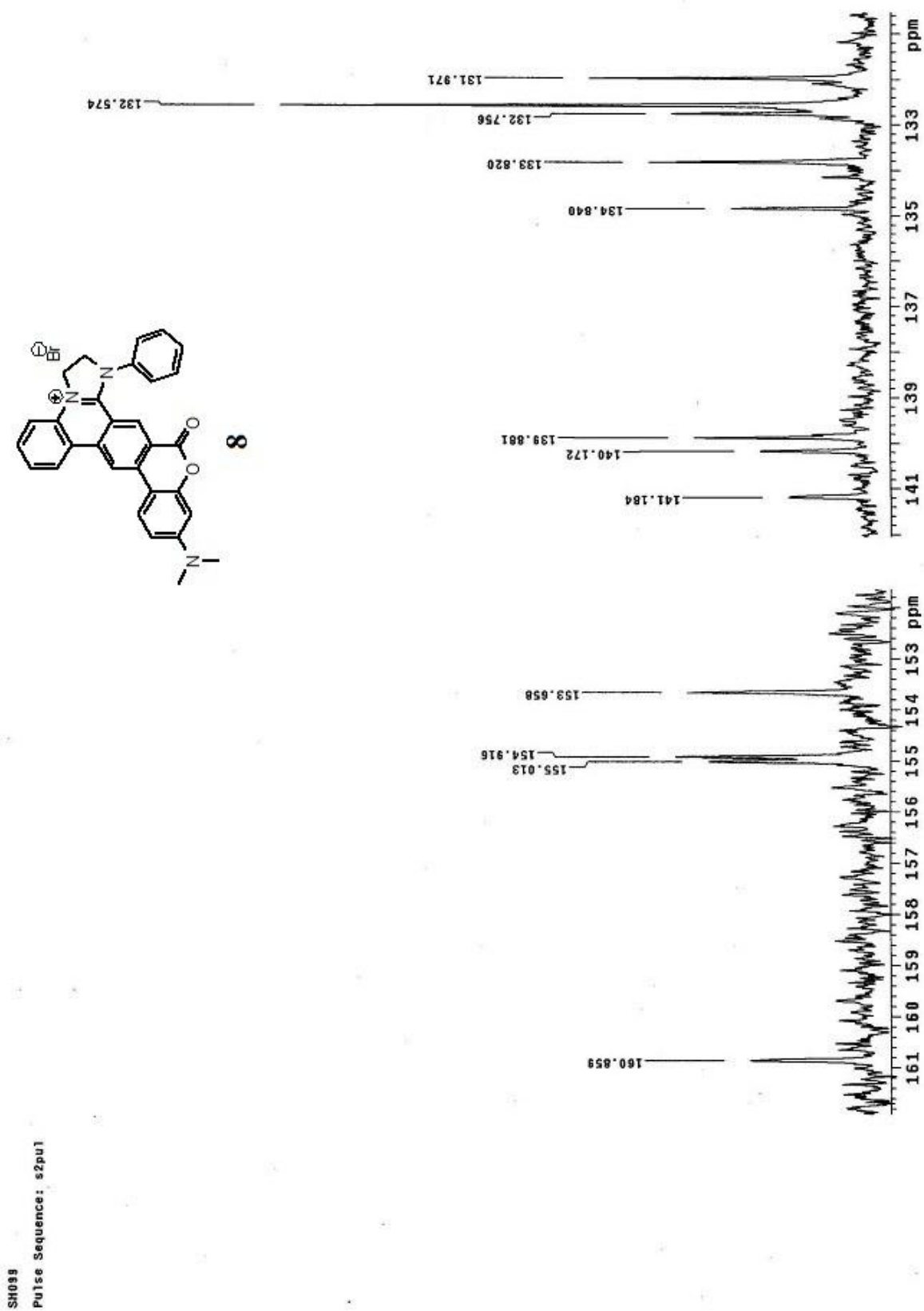


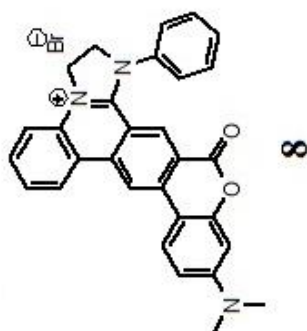




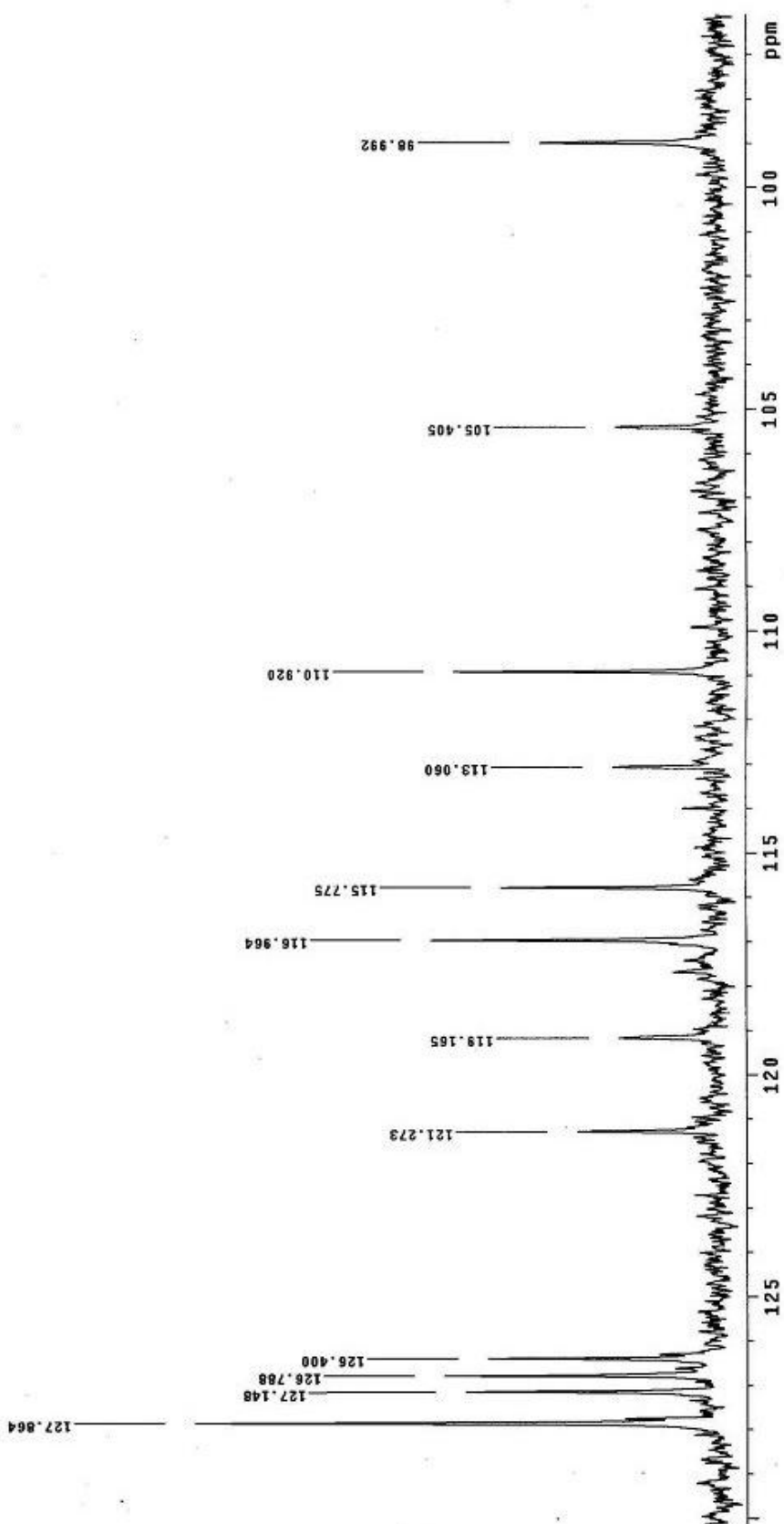
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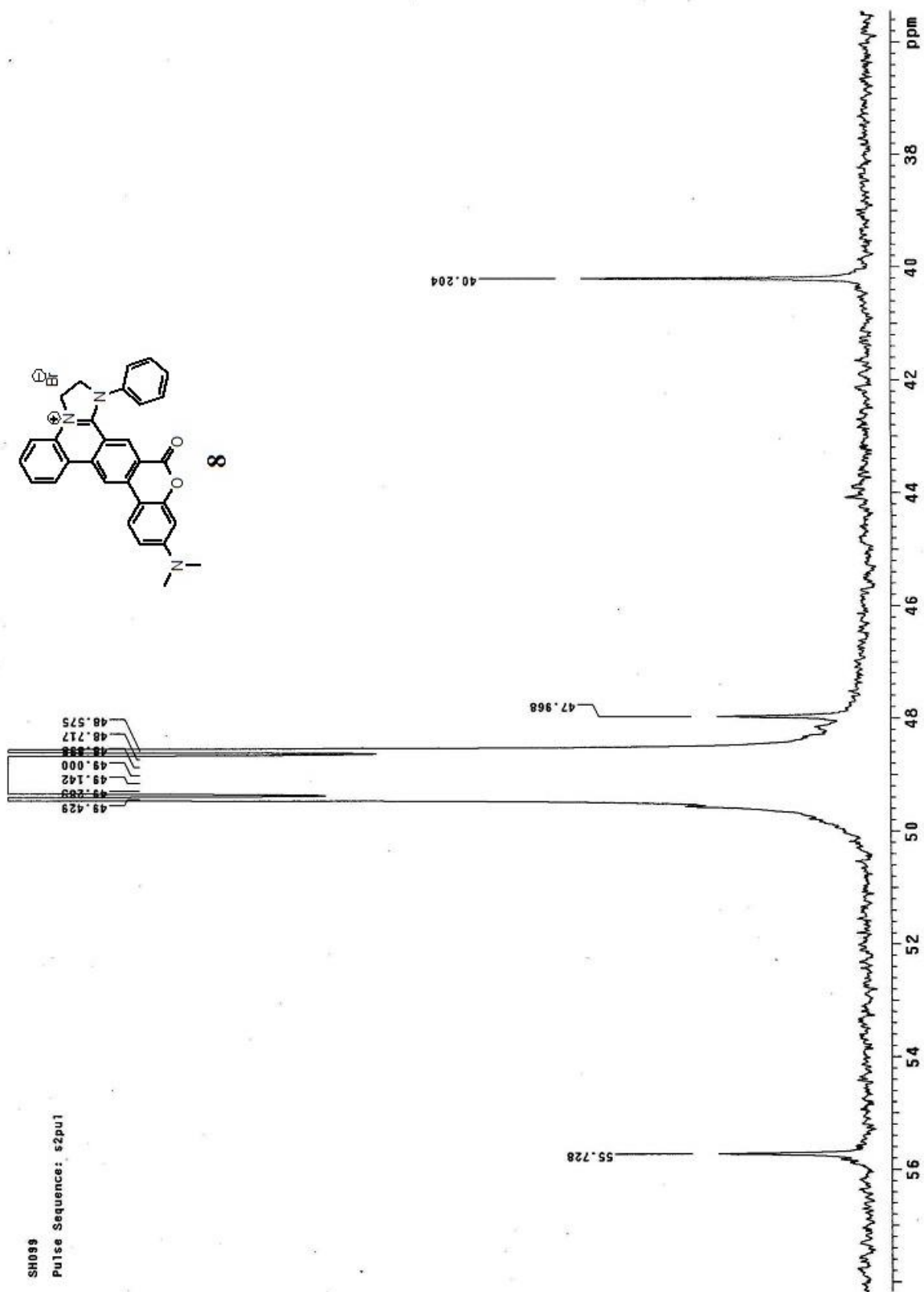
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file file dn H1
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at 1.000 dmw C13 13158
np 79974 dseq
sw 40000.0 dres 1.0
fb 22000 homo n
bs 16 DEC2
tpwr 60 dfrq2 0
pw 6.0 dn2 0
d1 0.500 dpwr2 1
d2 1.500 dof2 0
tof 2500.0 dm2 n
nt 30000 dm2 C
ct 0 dmf2 10000
elock n
gain 58 dres2 1.0
homo2 n
PROCESSING 3.00
ll n lb
in n y wfile
dp mm proc ft
hs mm fn not used f
DISPLAY -1508.9 math
sp 34896.0 werr
vs 3846 wexp
sc 250 wbs
wc 198.79 wnt
hzmm
ls 500.00
rf1 11210.3
rfp 7391.8
th 101
fns 100.000
rm cdc ph
    
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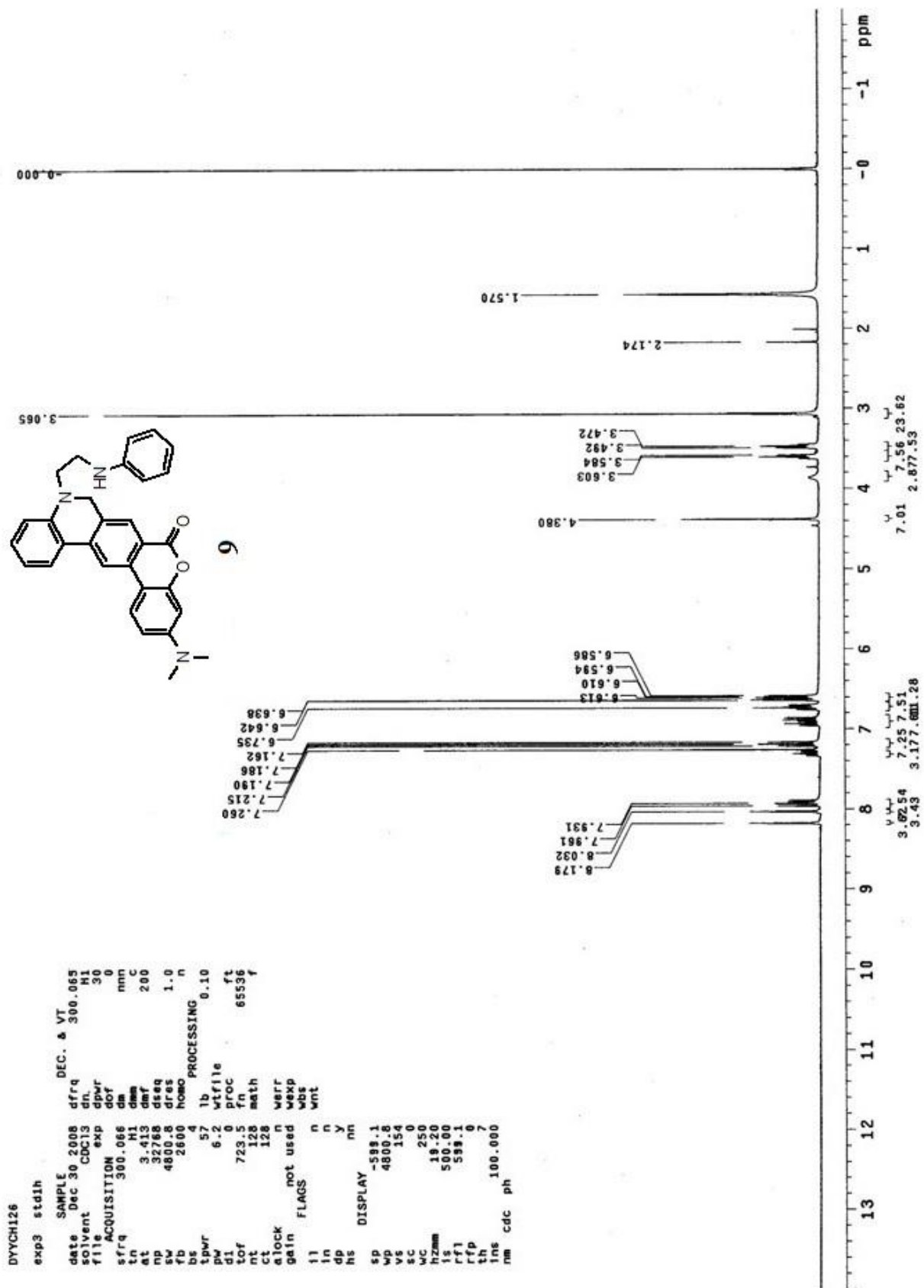


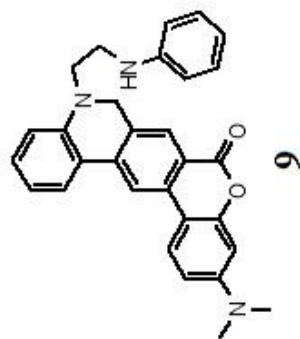


SH033
Pulse Sequence: s2pu1









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DYYSM126
exp1 std13c
SAMPLE
date Feb 16 2011
solvent CDCl3
file CDC13
ACQUISITION
sfrq 75.459
tn C13
at 0.886
np 32768
sw 18484.3
rb 10200
ds 4
tpwr 55
dl 6.2
tor 654.9
nt 18384
ct 18384
alock not used
gain not used
FLAGS
ll n
ln n
lp n
hs DISPLAY
sp -1153.1
wp 18484.3
vs 48
sc 0
wc 250
hzmm 75.54
si 508.84
rfi 5882.9
rfp 5880.1
tff 1
tfs 100.000
nm ph
DEC. & VT
dfrq 300.065
dn H1
dppr 41
dof 0
dm VVY
dmm w
dse 7407
dse 1.0
dret n
dret n
PROCESSING
lb 1.00
wfile ft
proc 65536
fn f
math
werr
wexp
wbs
wnt
    
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