

Supporting Information

ASYMMETRIC SYNTHESIS OF AN ANTAGONIST OF NEUROKININ RECEPTORS: SSR 241586.

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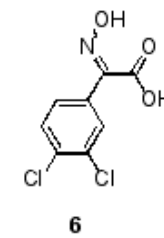
Laboratoire de Chimie Organique, ESPCI ParisTech, CNRS, 10 rue Vauquelin, 75231 Paris Cedex 05, France

¹H and ¹³C NMR Spectra

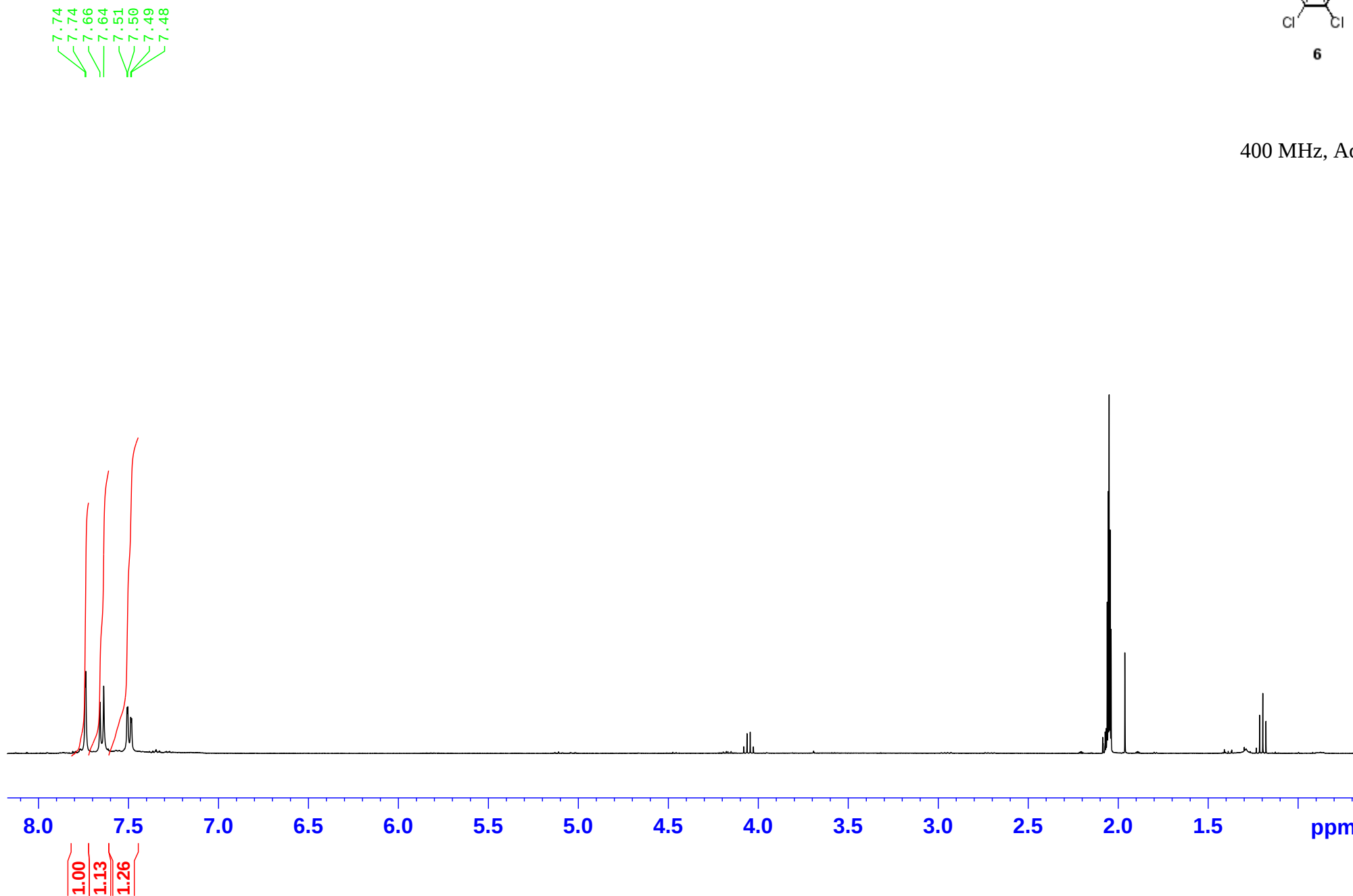
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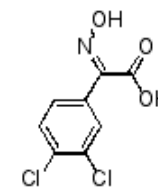
¹ H NMR spectra of compound 2	3
¹³ C NMR spectra of compound 2.....	4
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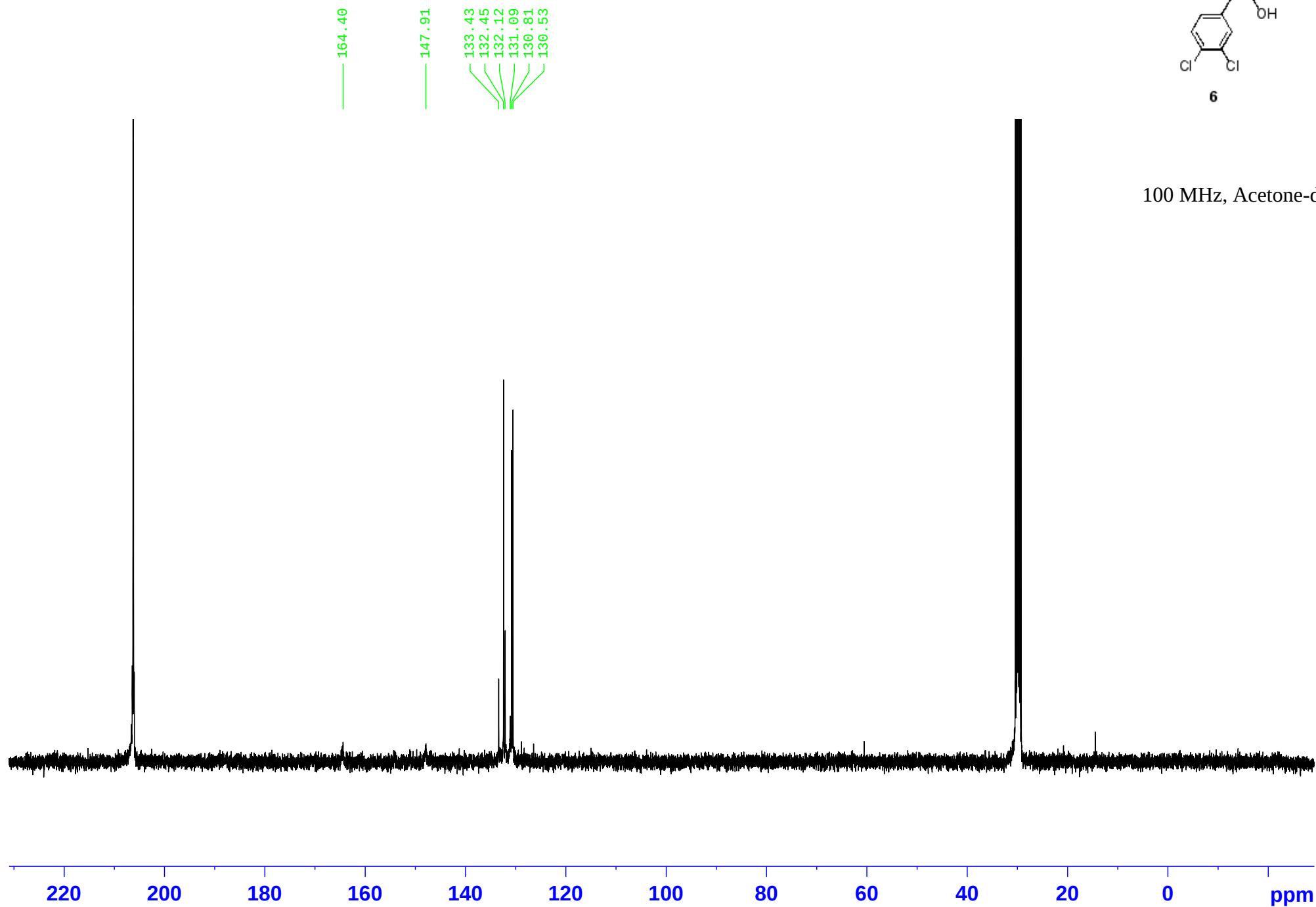
400 MHz, Acetone-d₆

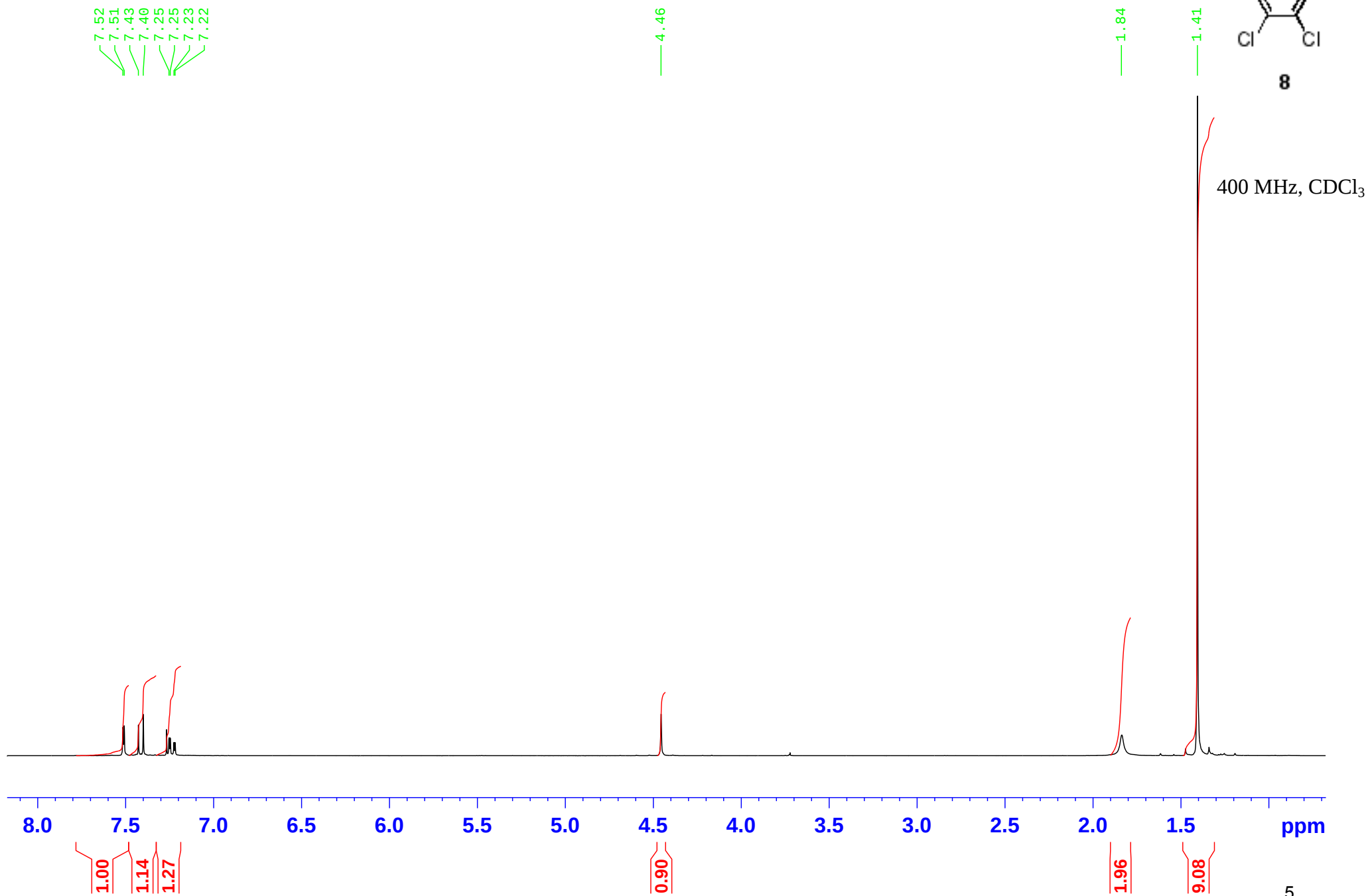
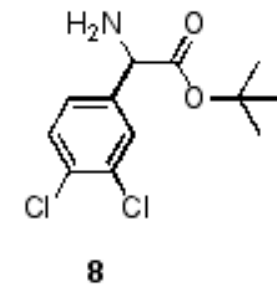


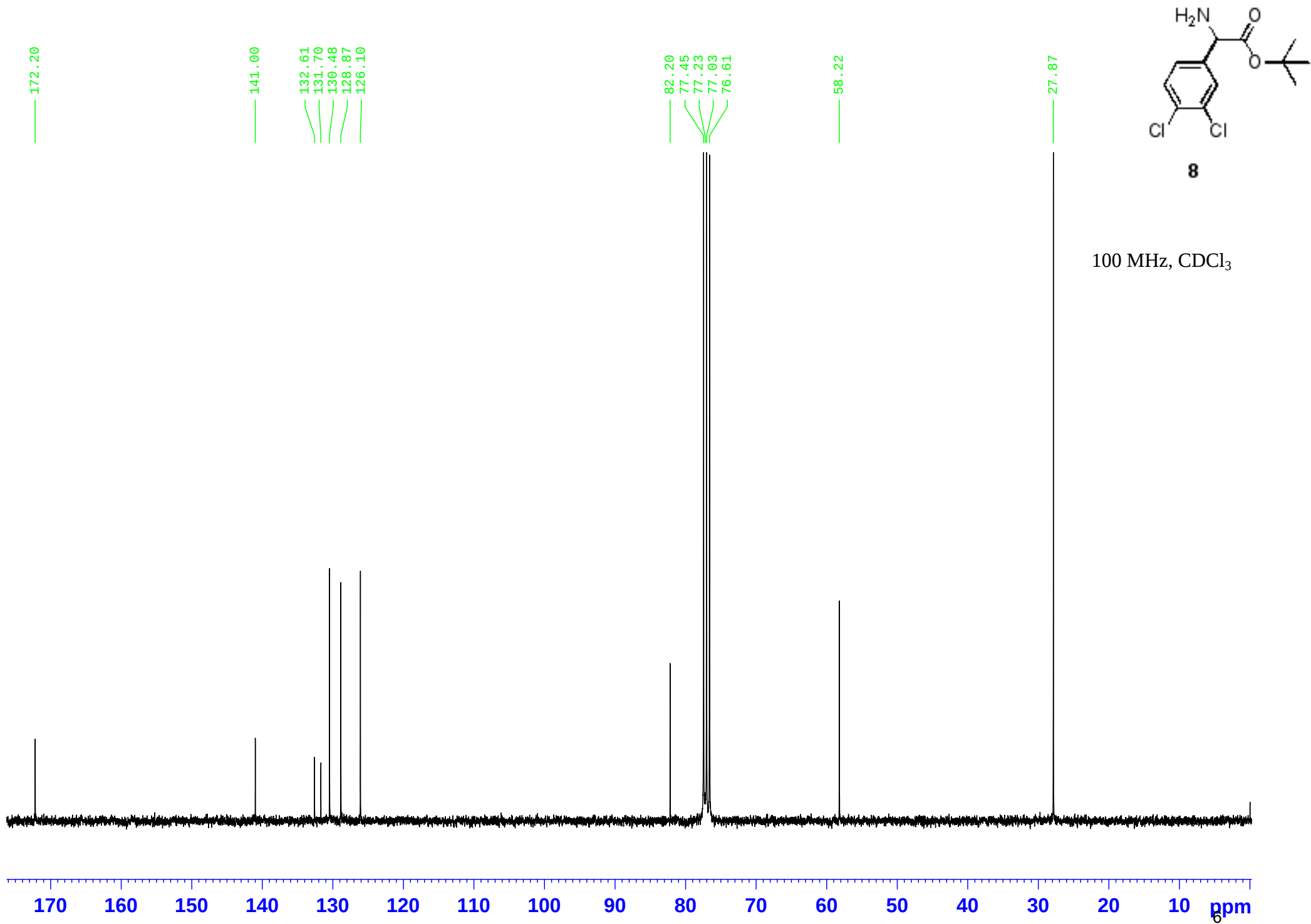


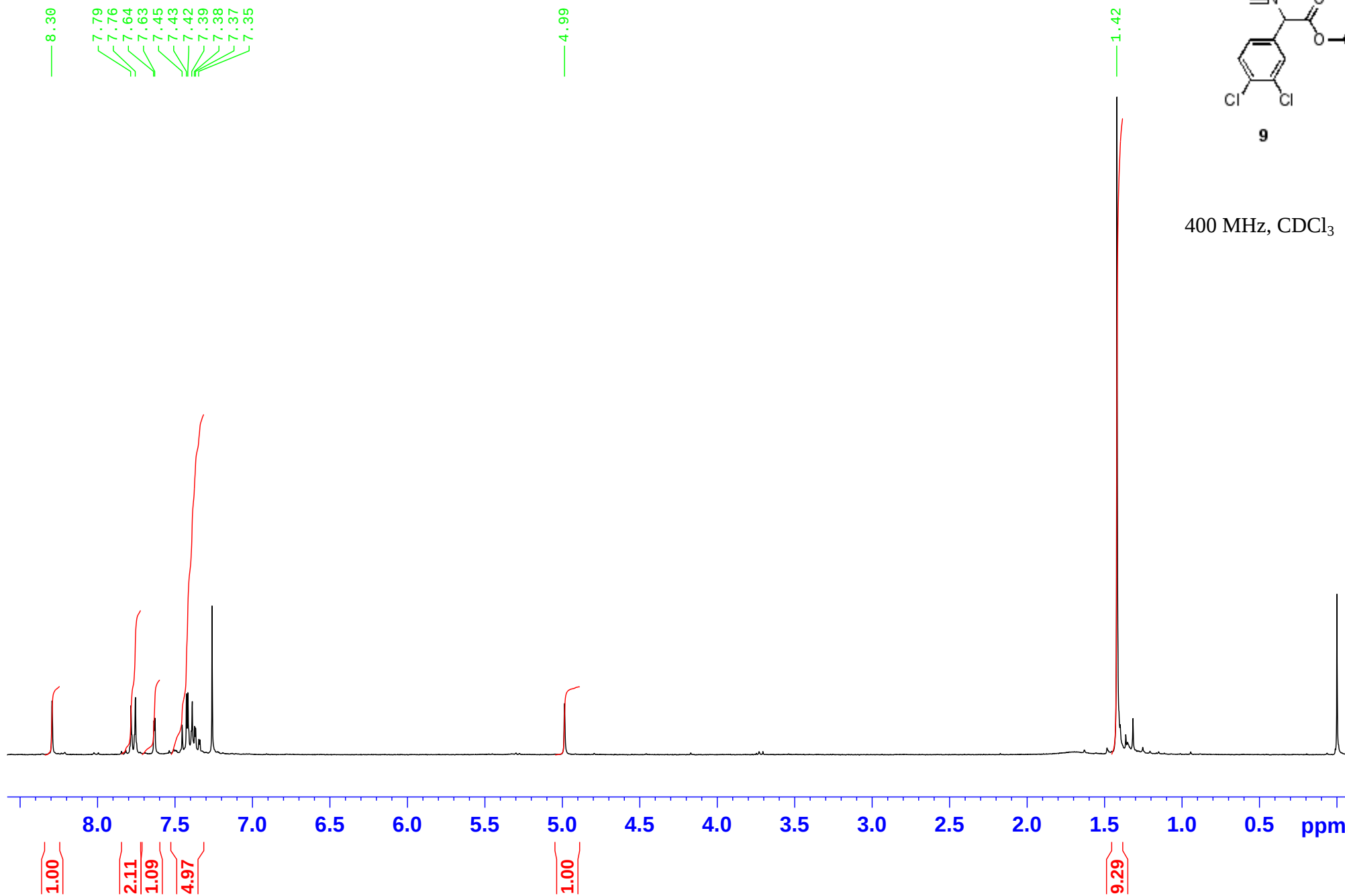
6

100 MHz, Acetone-d₆

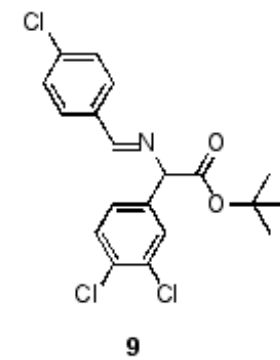
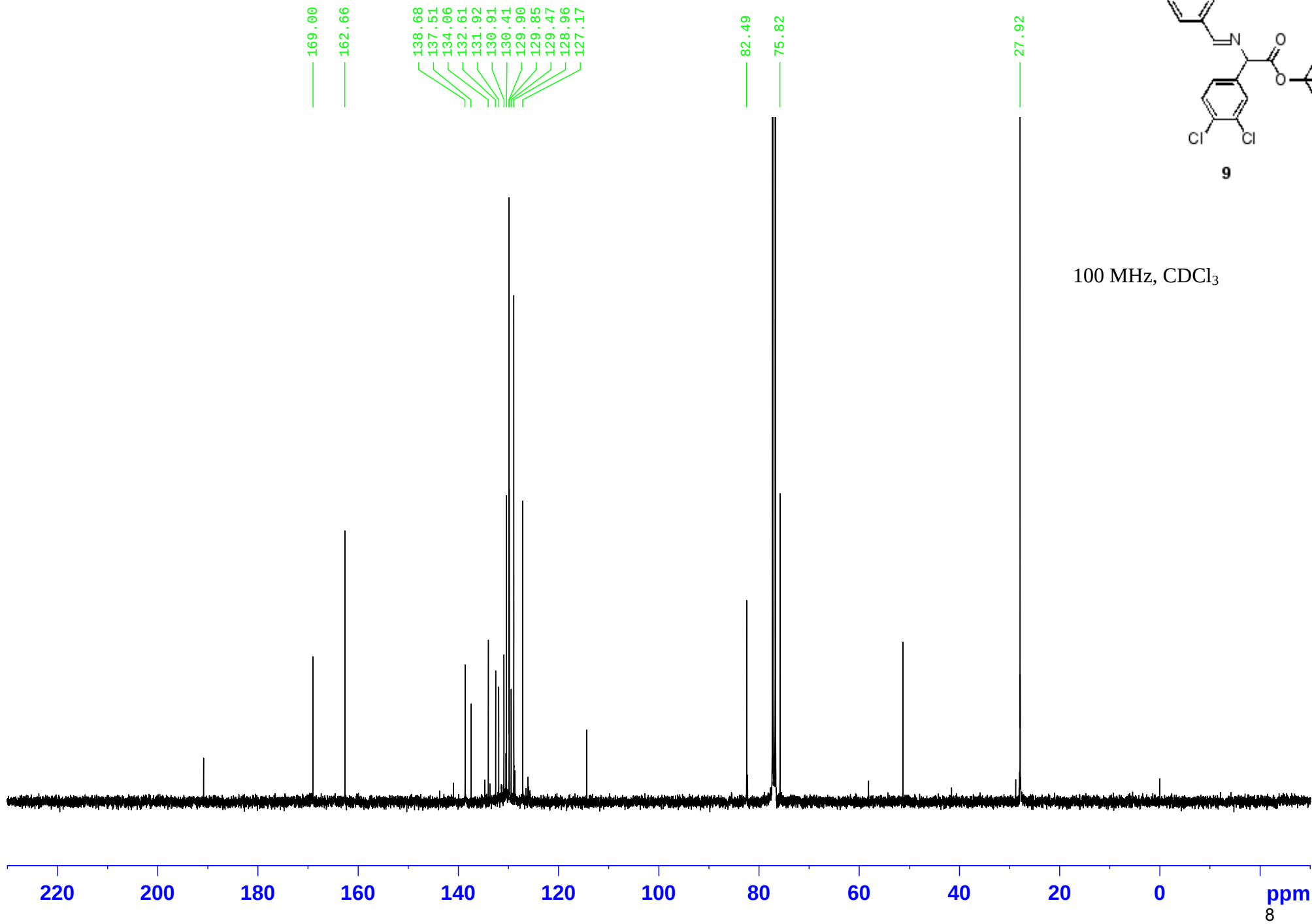


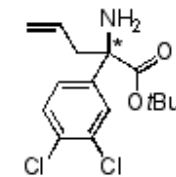






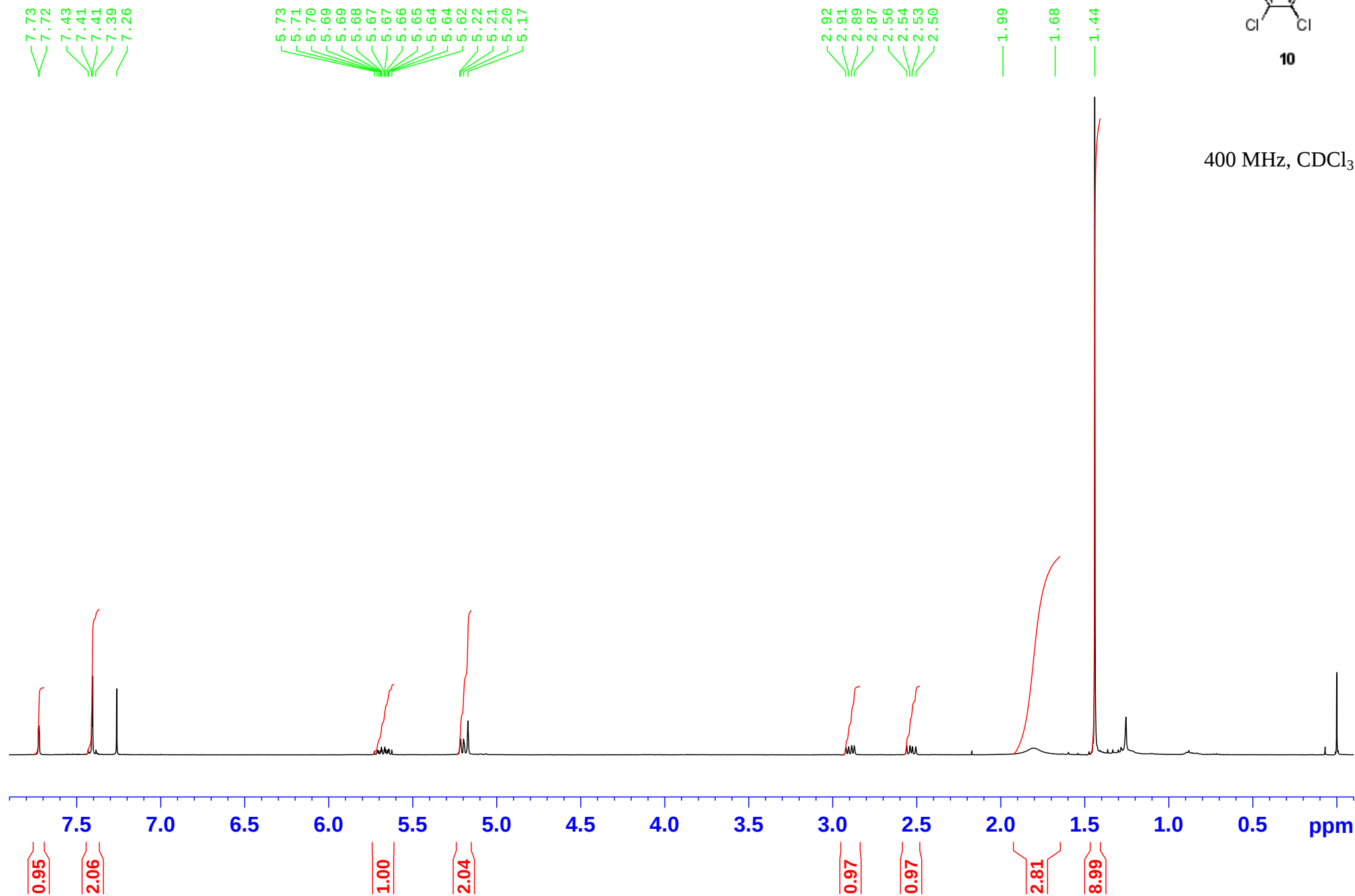
400 MHz, CDCl₃

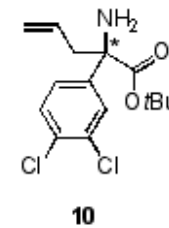




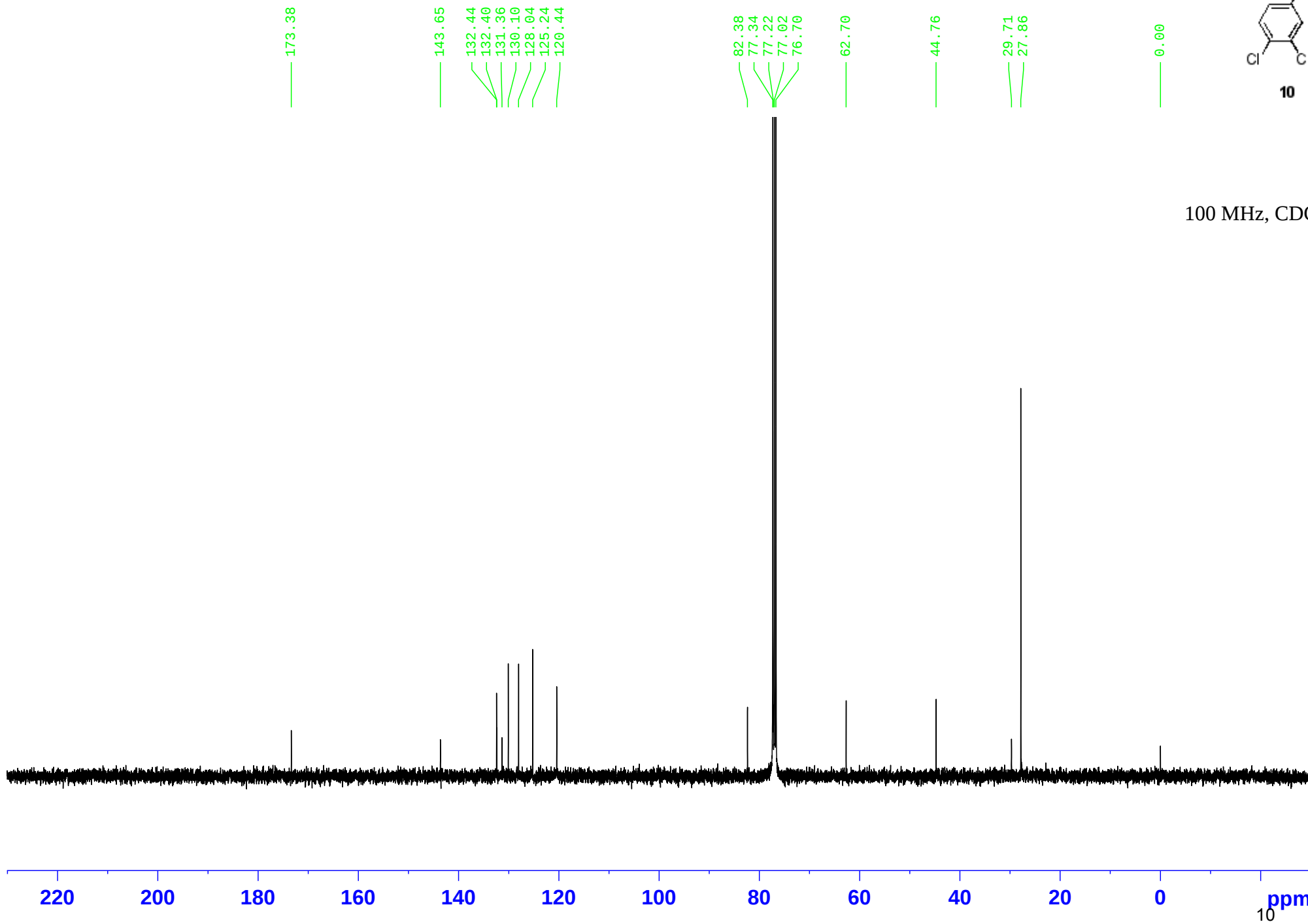
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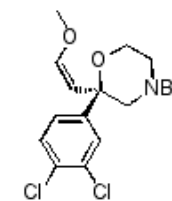
400 MHz, CDCl₃





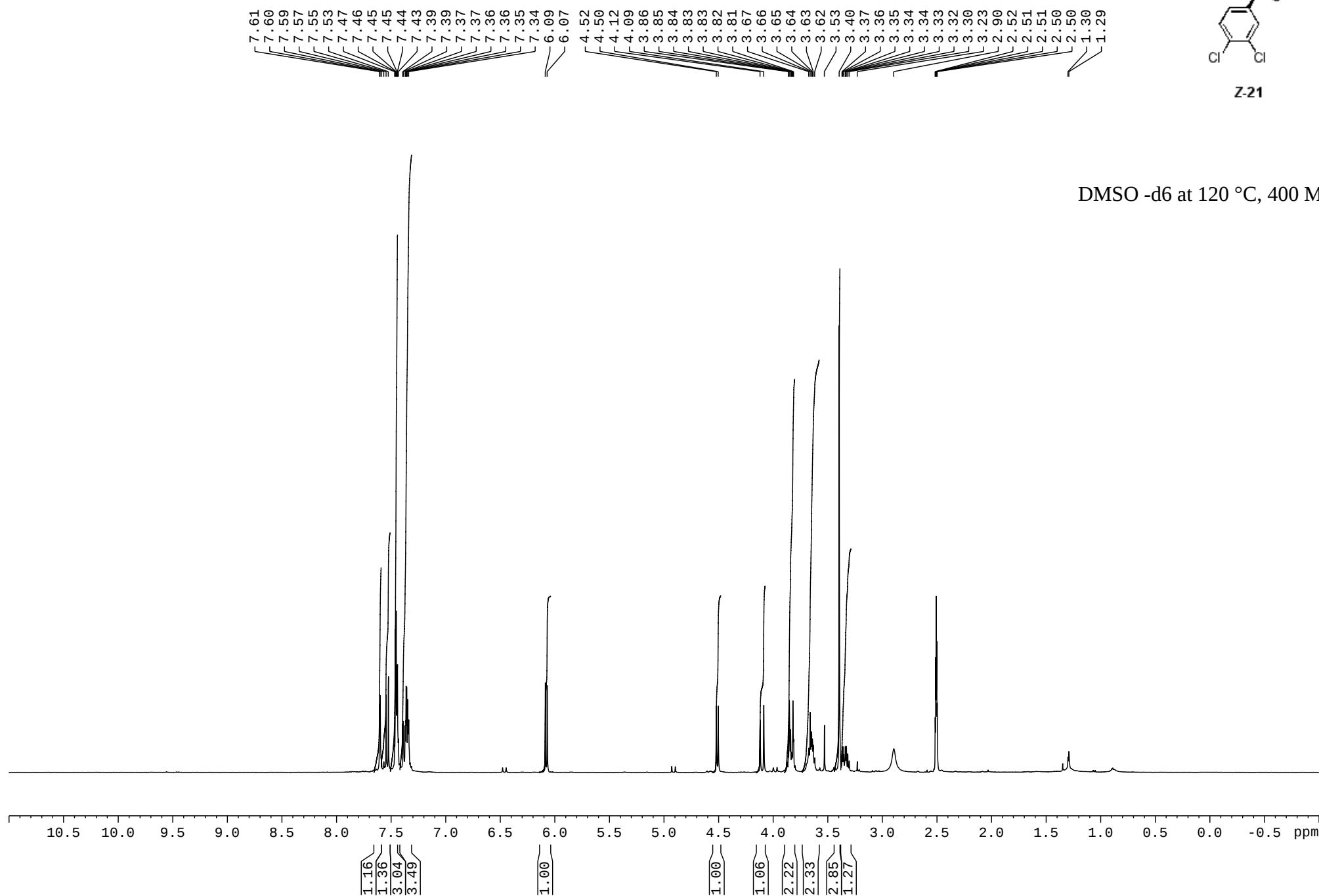
100 MHz, CDCl₃

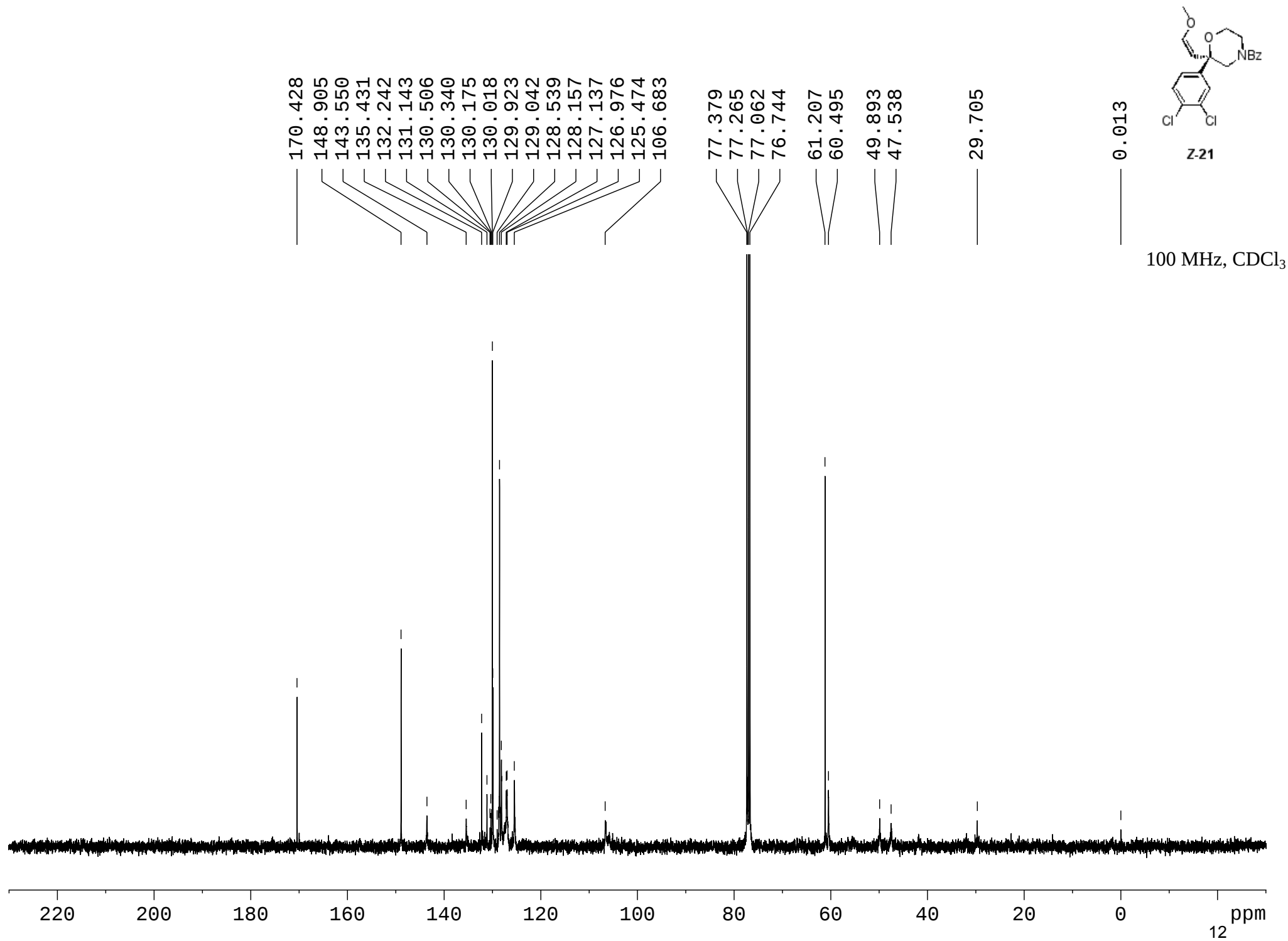


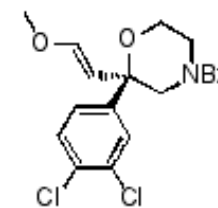


Z-21

DMSO -d6 at 120 °C, 400 MHz

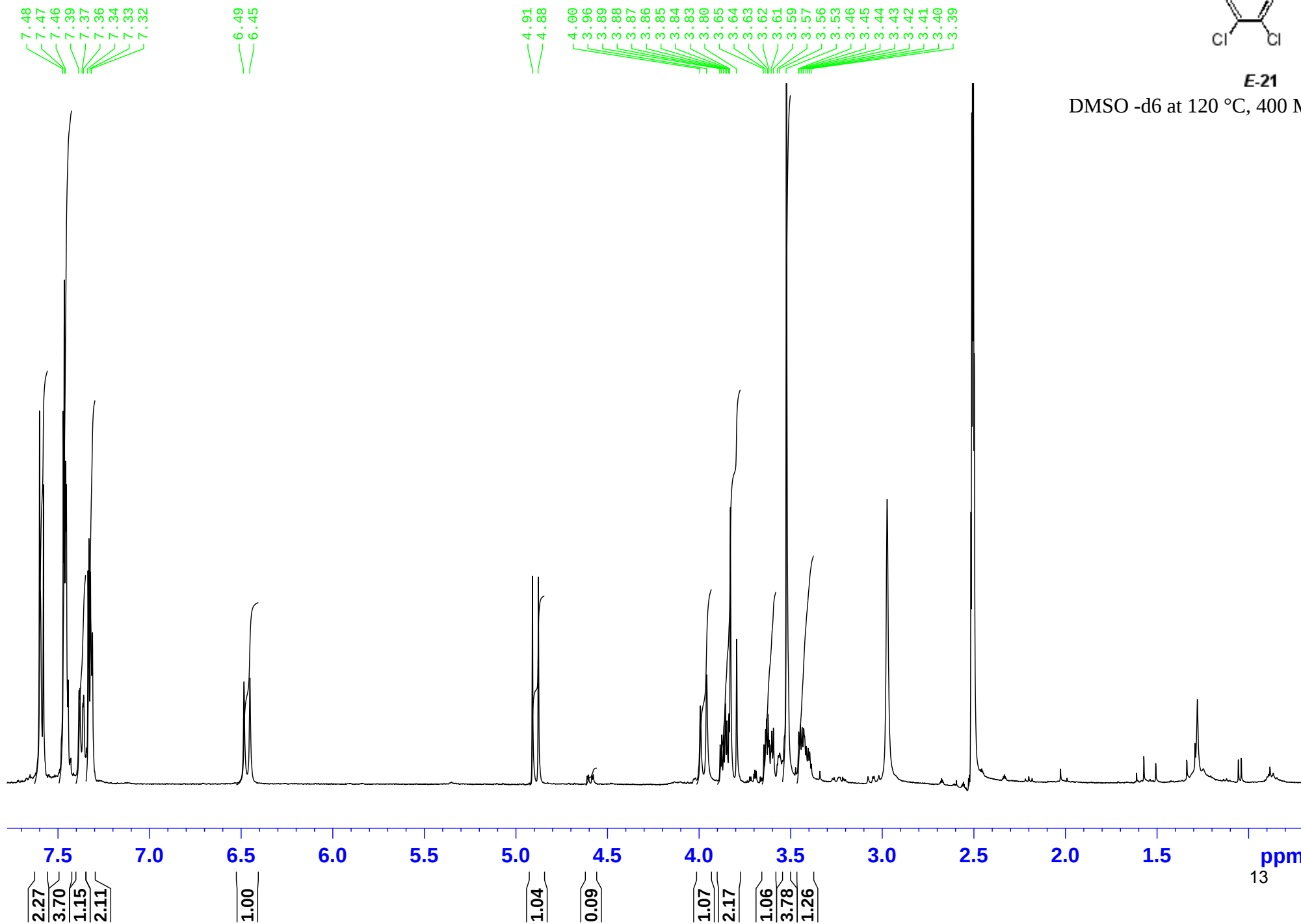


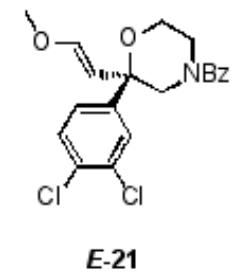
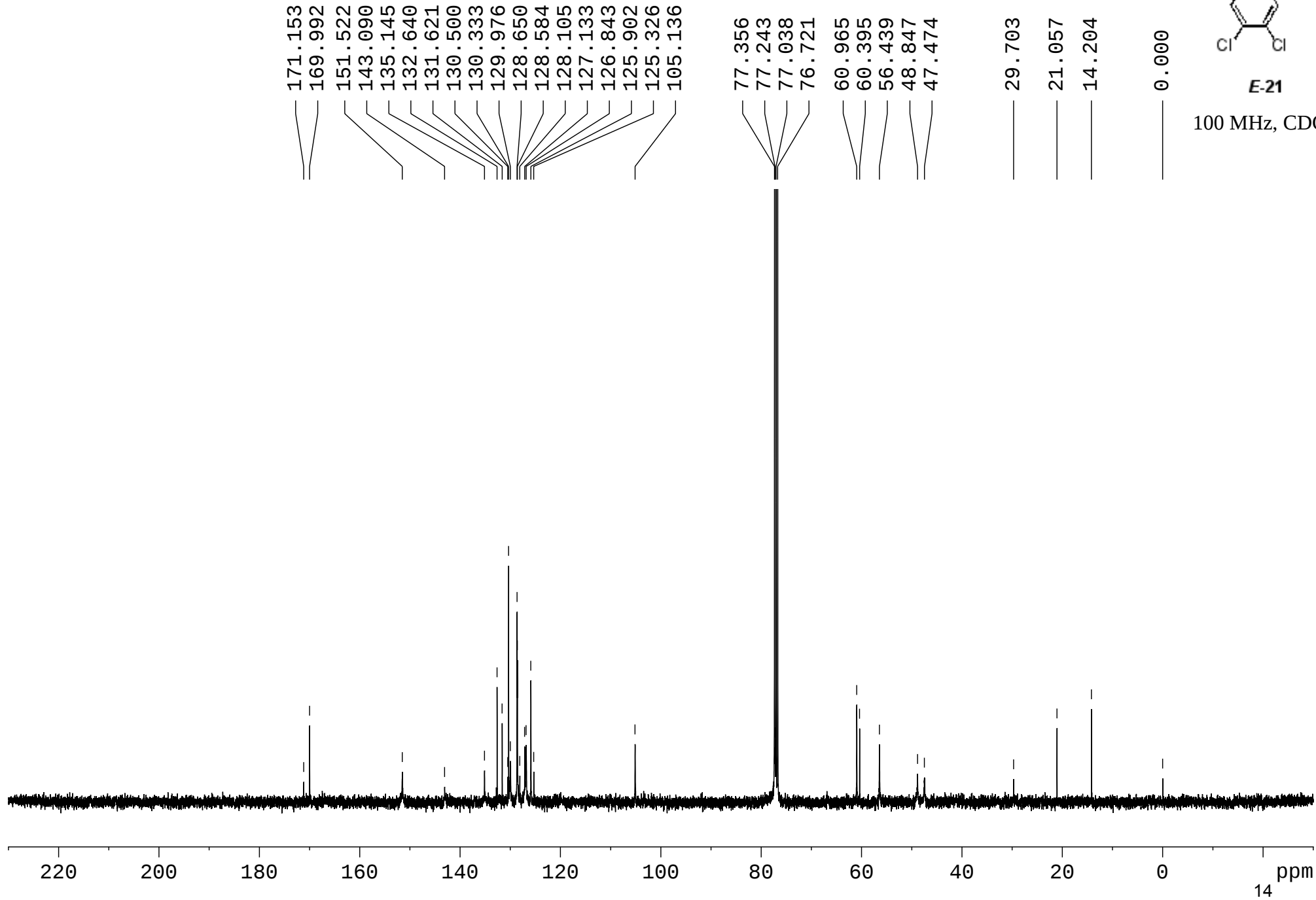




E-21

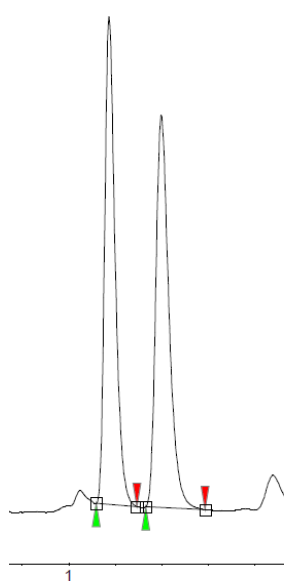
DMSO -d6 at 120 °C, 400 MHz



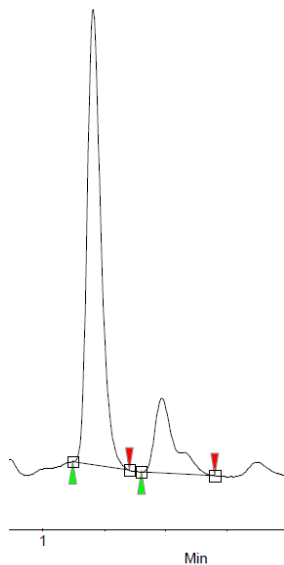


100 MHz, CDCl₃

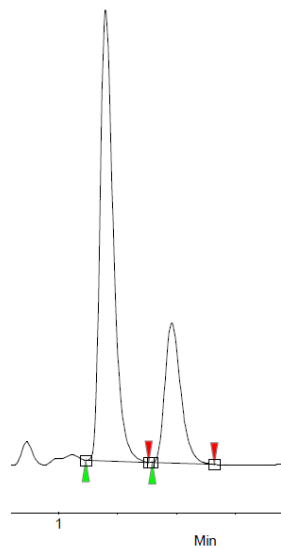
supercritical fluid chromatography of compound **6** on Daicel chiralcel AD-H
column MeOH 10%, flow rate 5mL/min



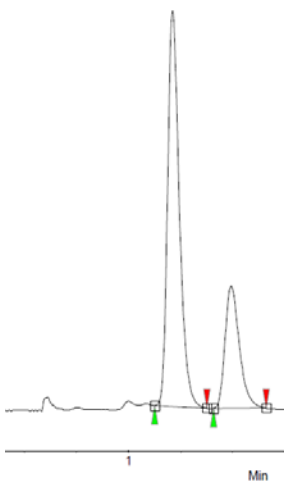
SFC racemic
 $t_1=1.17$, $t_2=1.40$



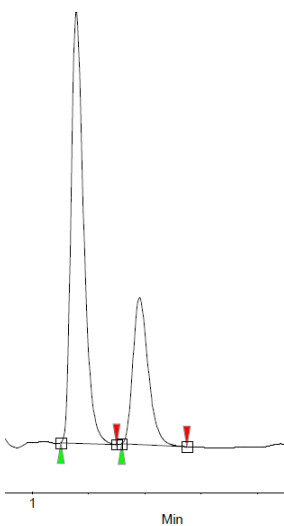
SFC table 1, entry 2,
 $t_1=1.17$, $t_2=1.40$
ee= 52%



SFC table 1, entry
4, $t_1=1.17$, $t_2=1.40$
ee= 45%



SFC table 1, entry
1, $t_1=1.17$, $t_2=1.40$
ee= 45%



SFC table 1, entry
3, $t_1=1.17$, $t_2=1.40$
ee= 41%