

SUPPORTING INFORMATION FOR:

A Formal Total Synthesis of (±)-Kopsihainanine A Using a Raney-Cobalt Mediated Reductive Cyclization Route to Polyhydroquinolines

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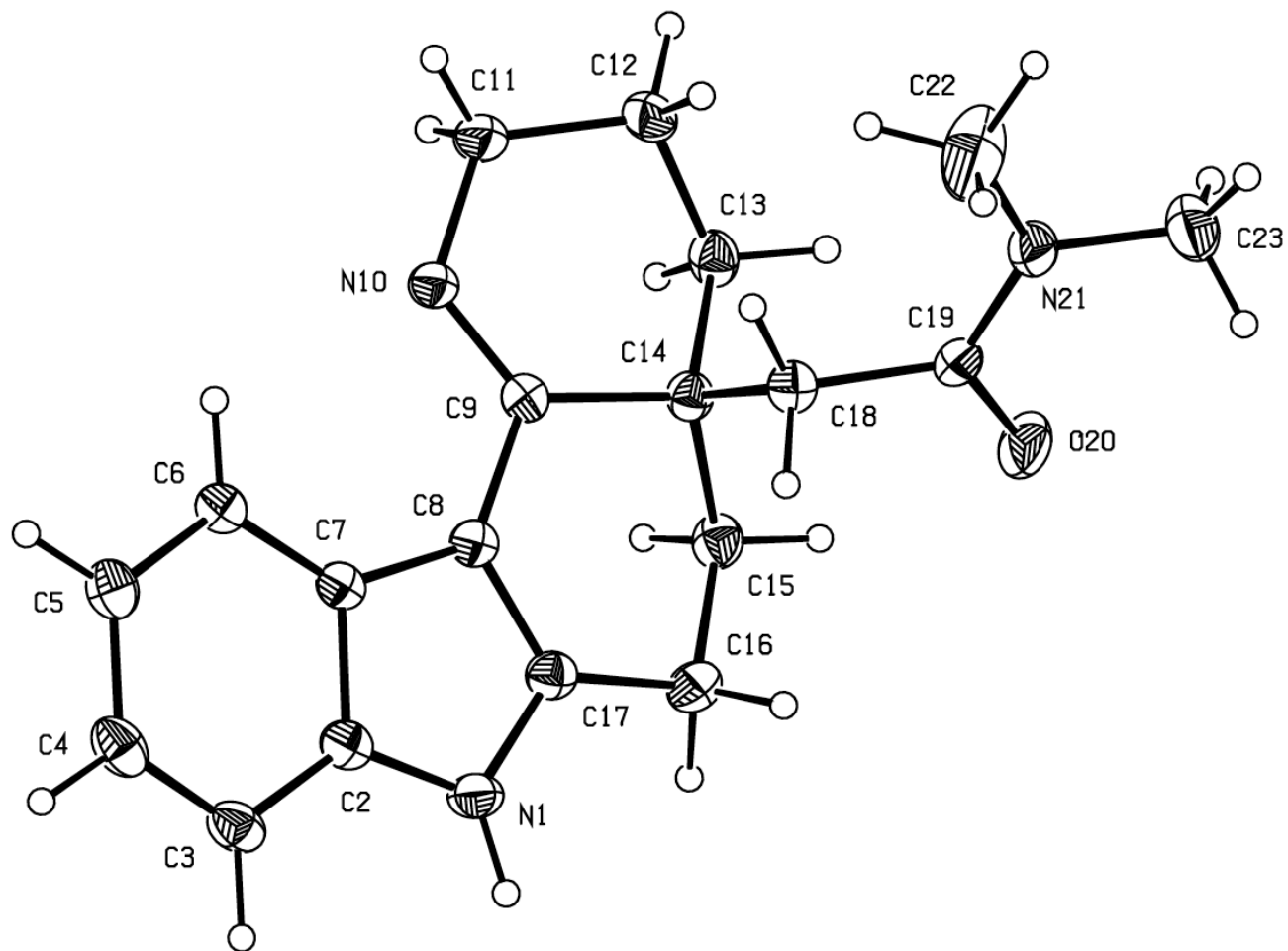


Figure S1: Structure of compound **5** (CCDC 1482202) with labeling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.

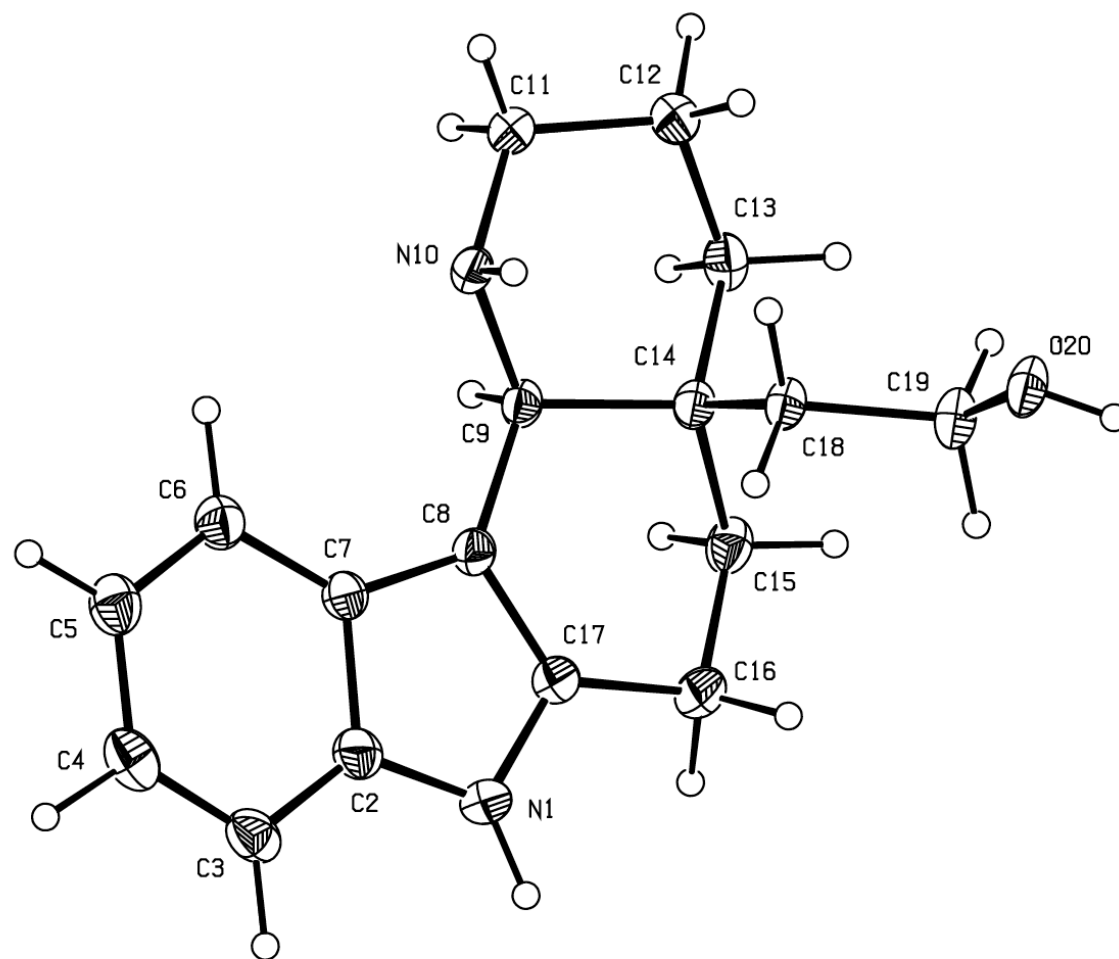


Figure S2: Structure of compound **6** (CCDC 1482203) with labeling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.

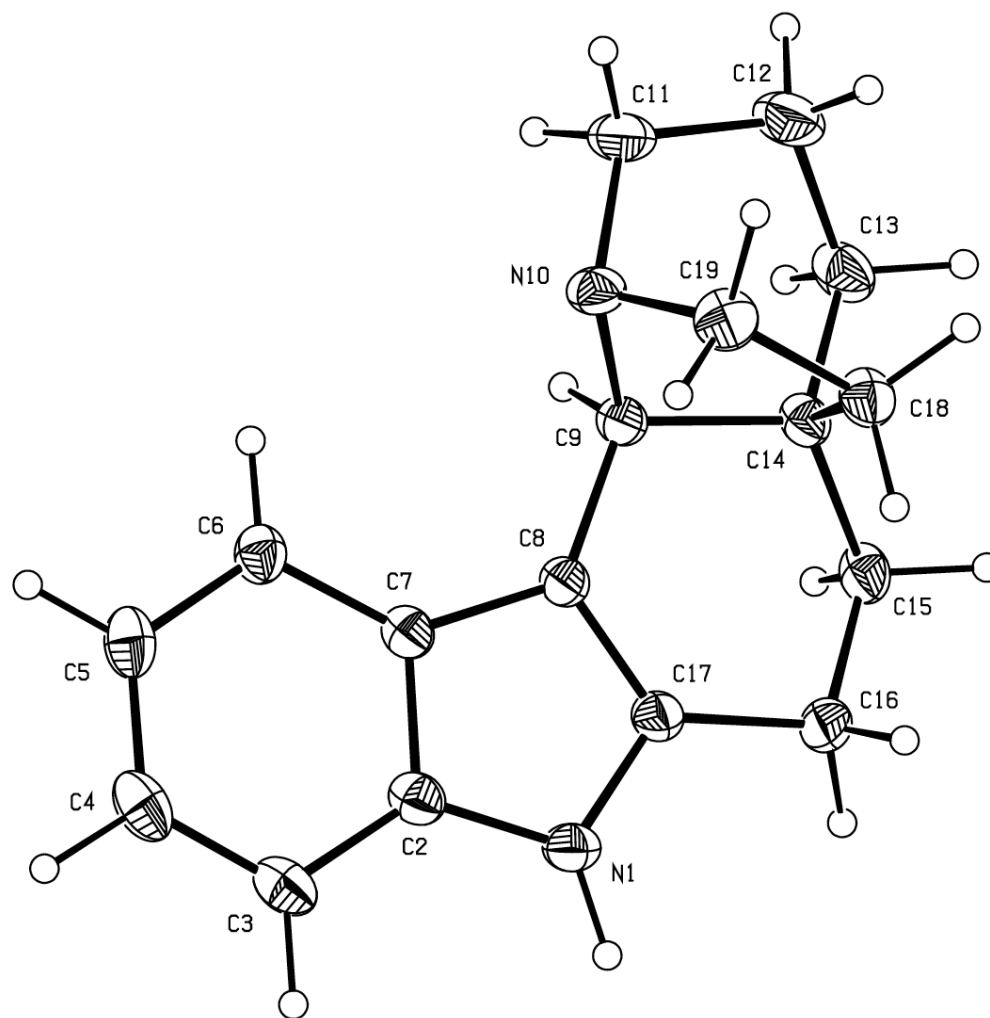
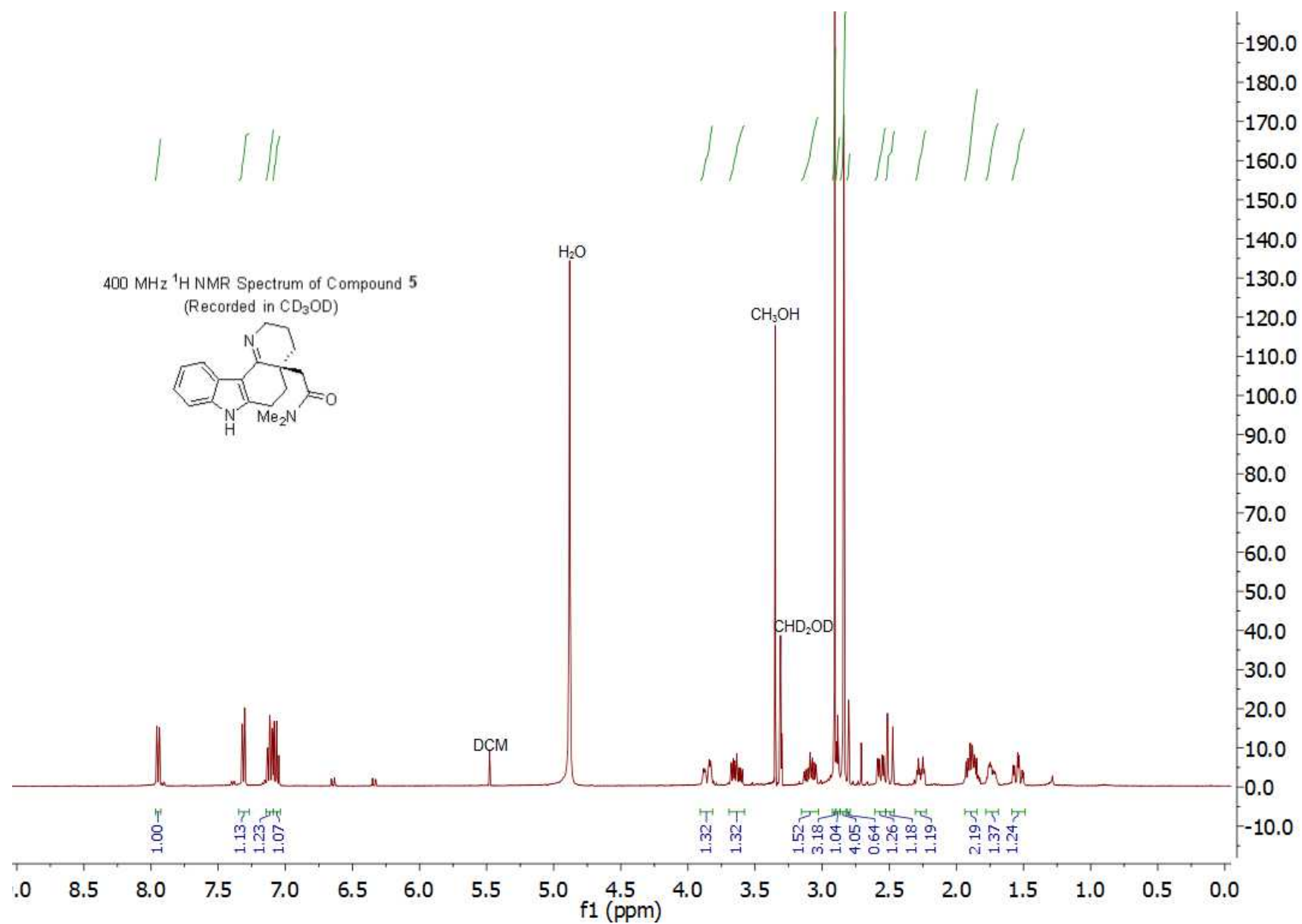
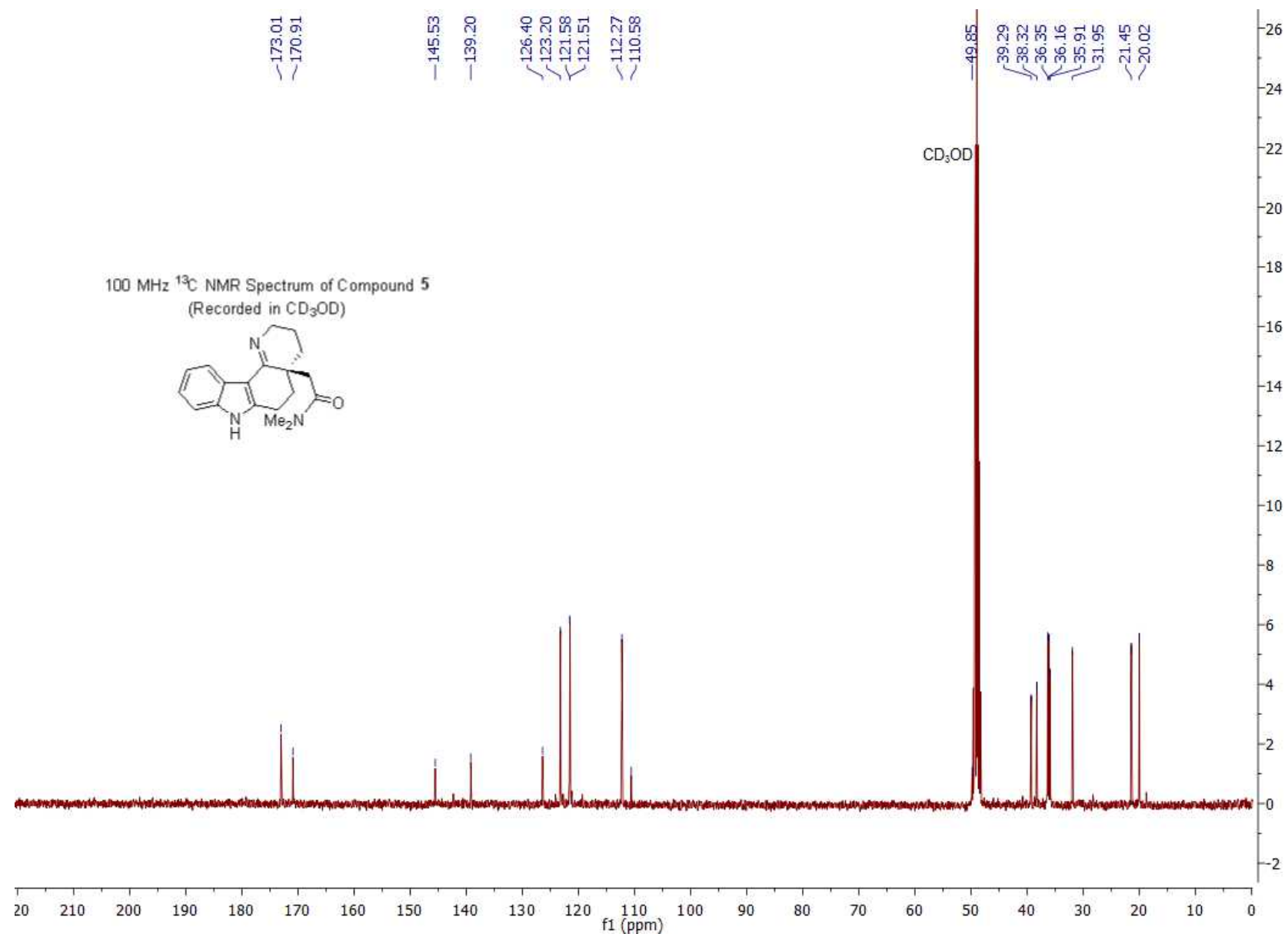
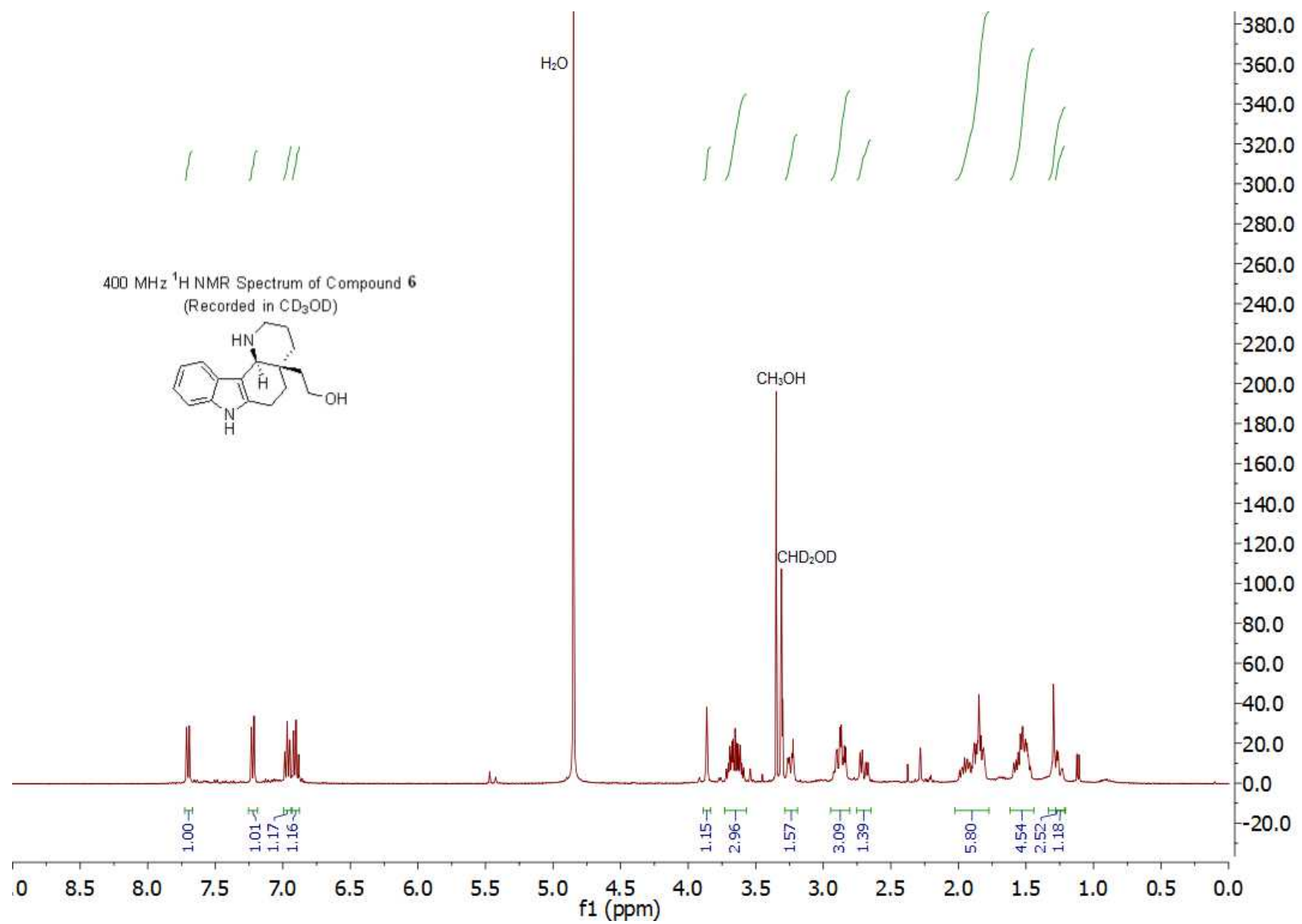
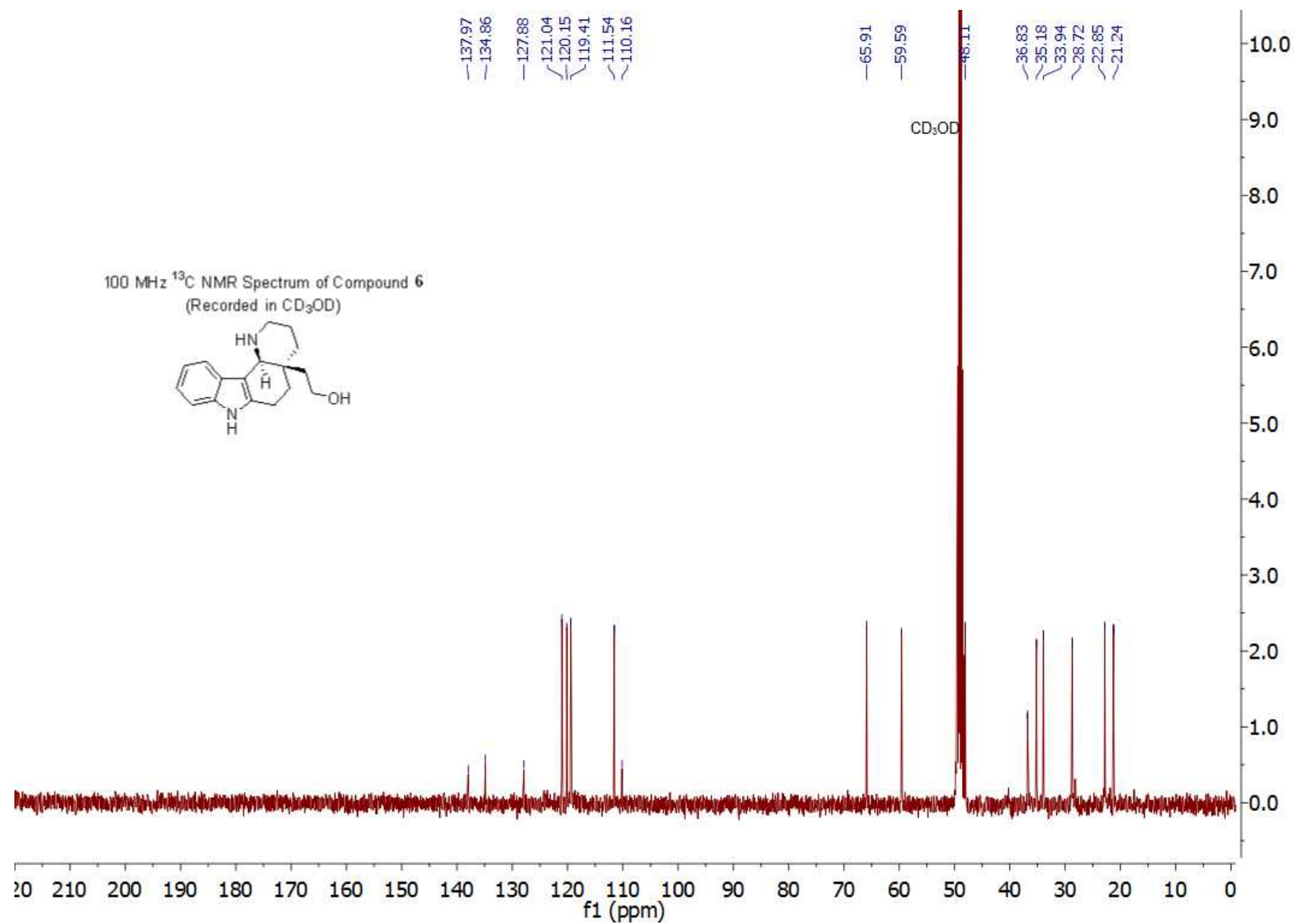


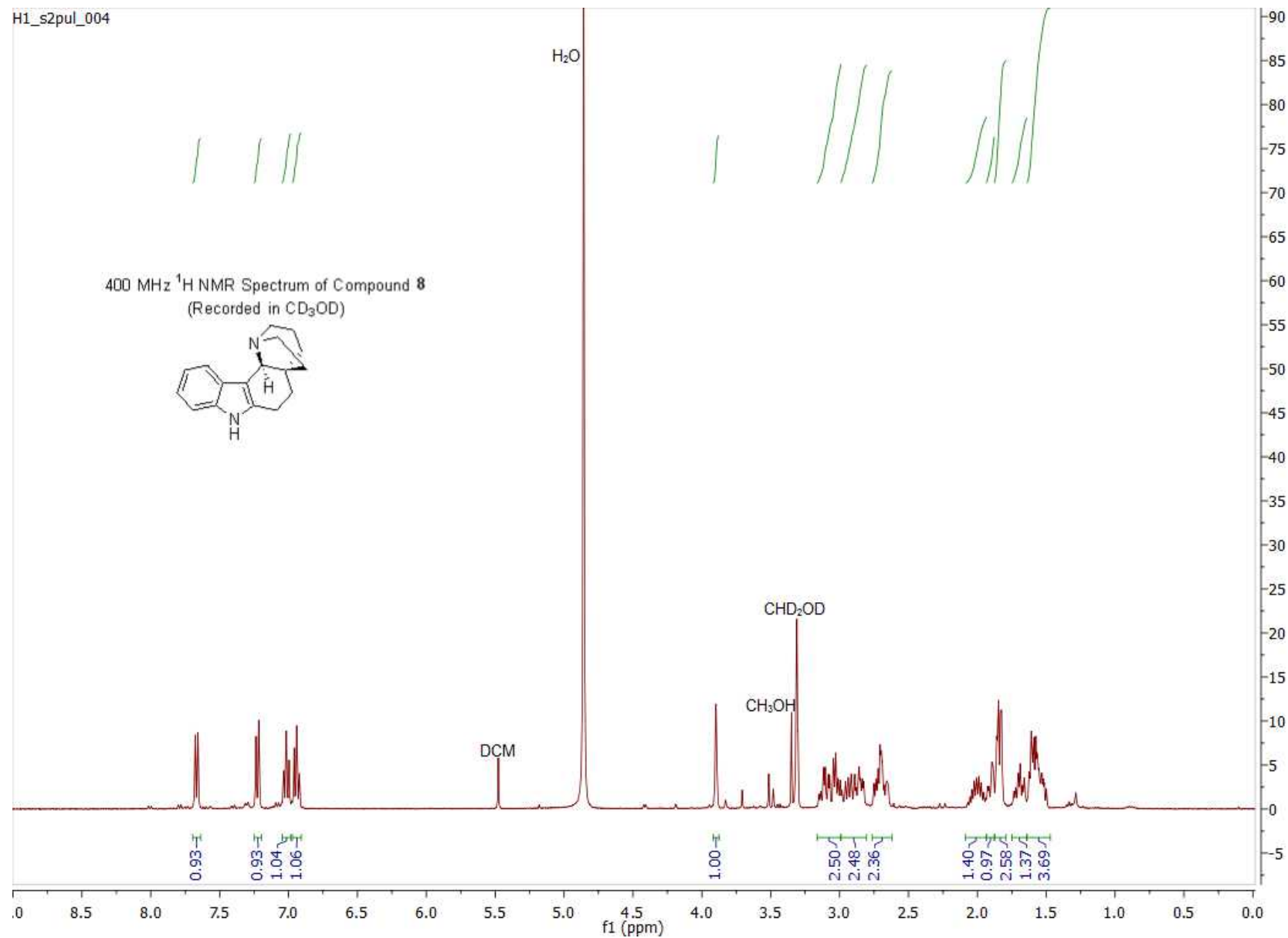
Figure S3: Structure of compound **8** (CCDC 1482204) with labeling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.

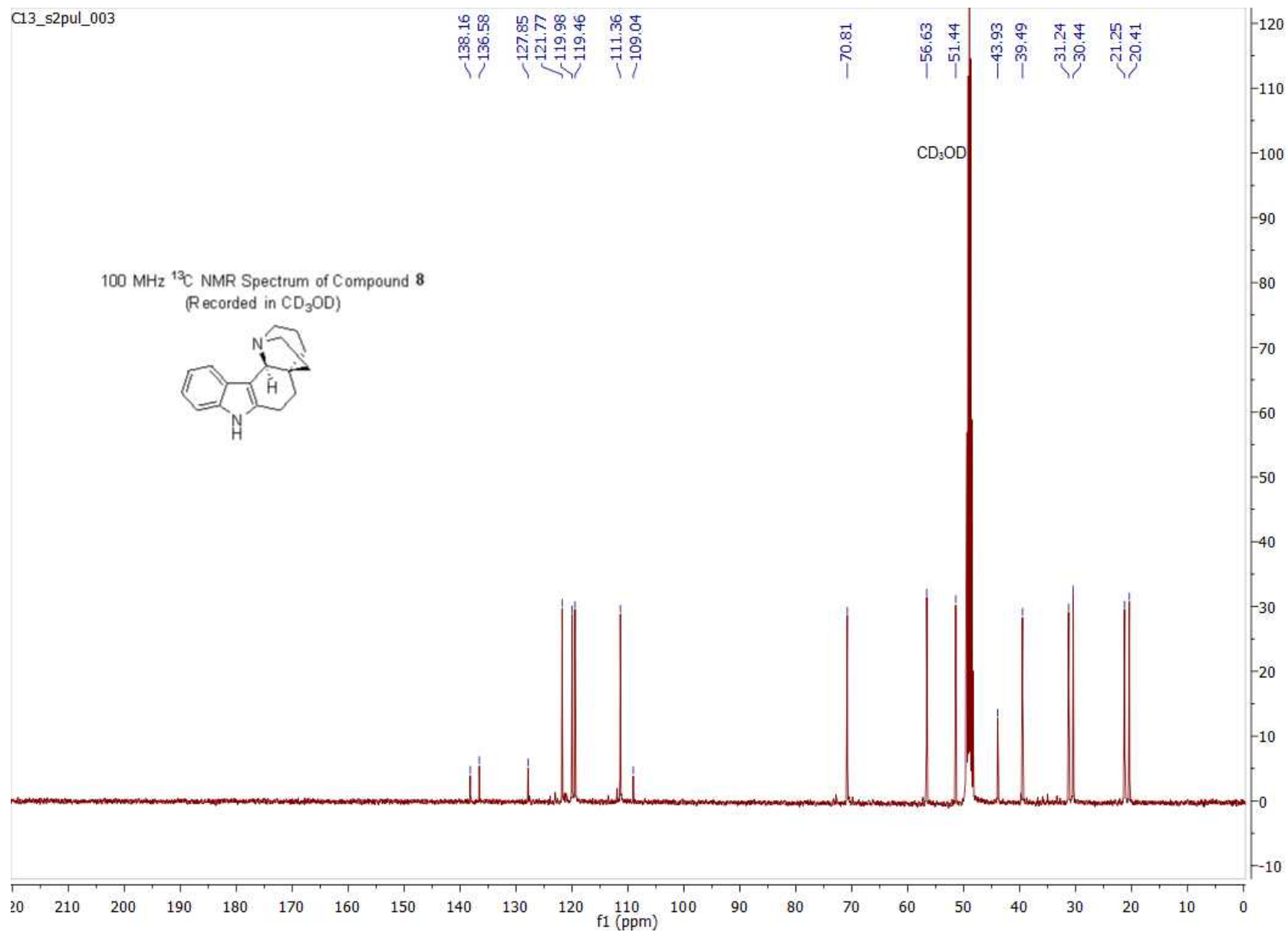


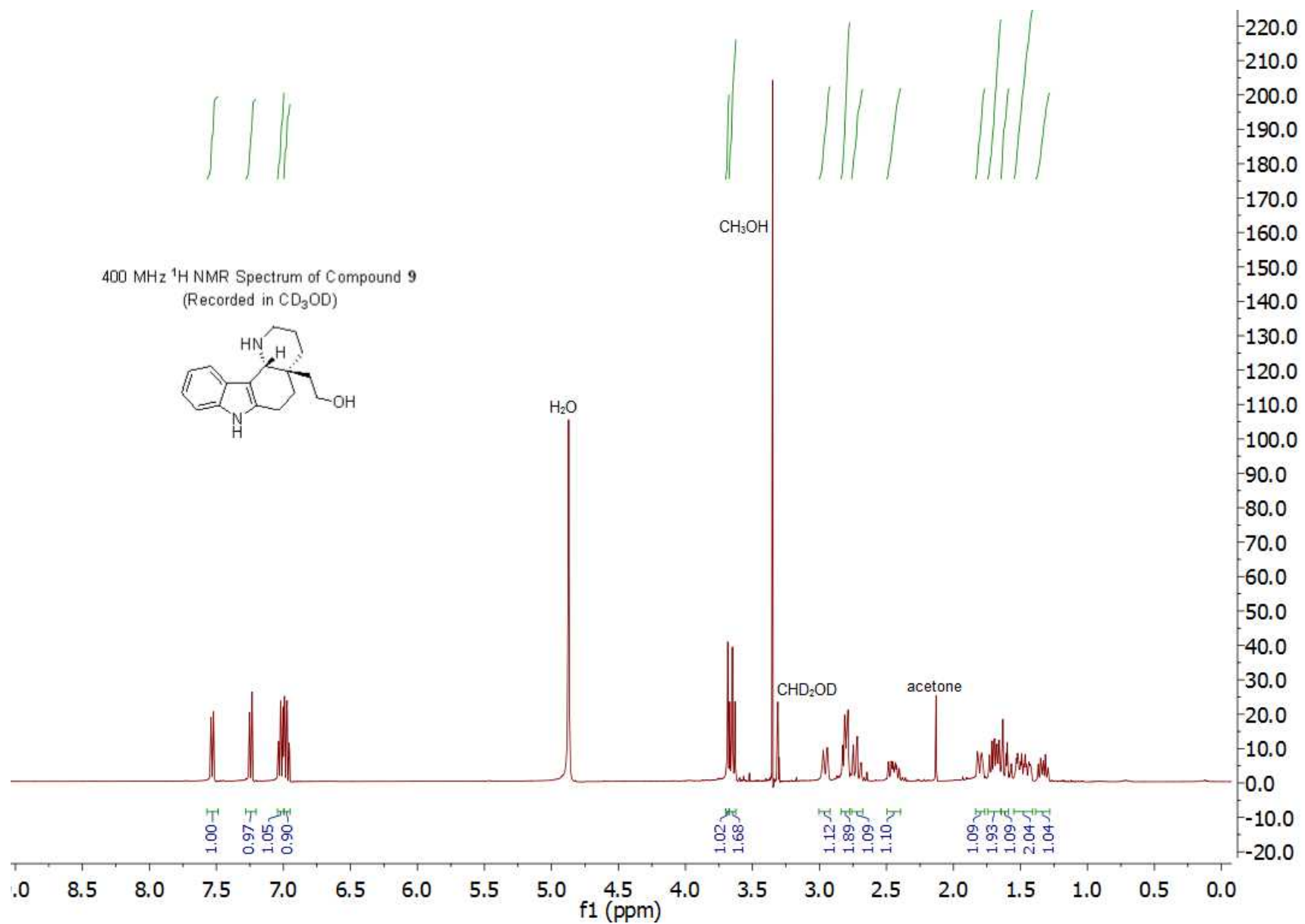


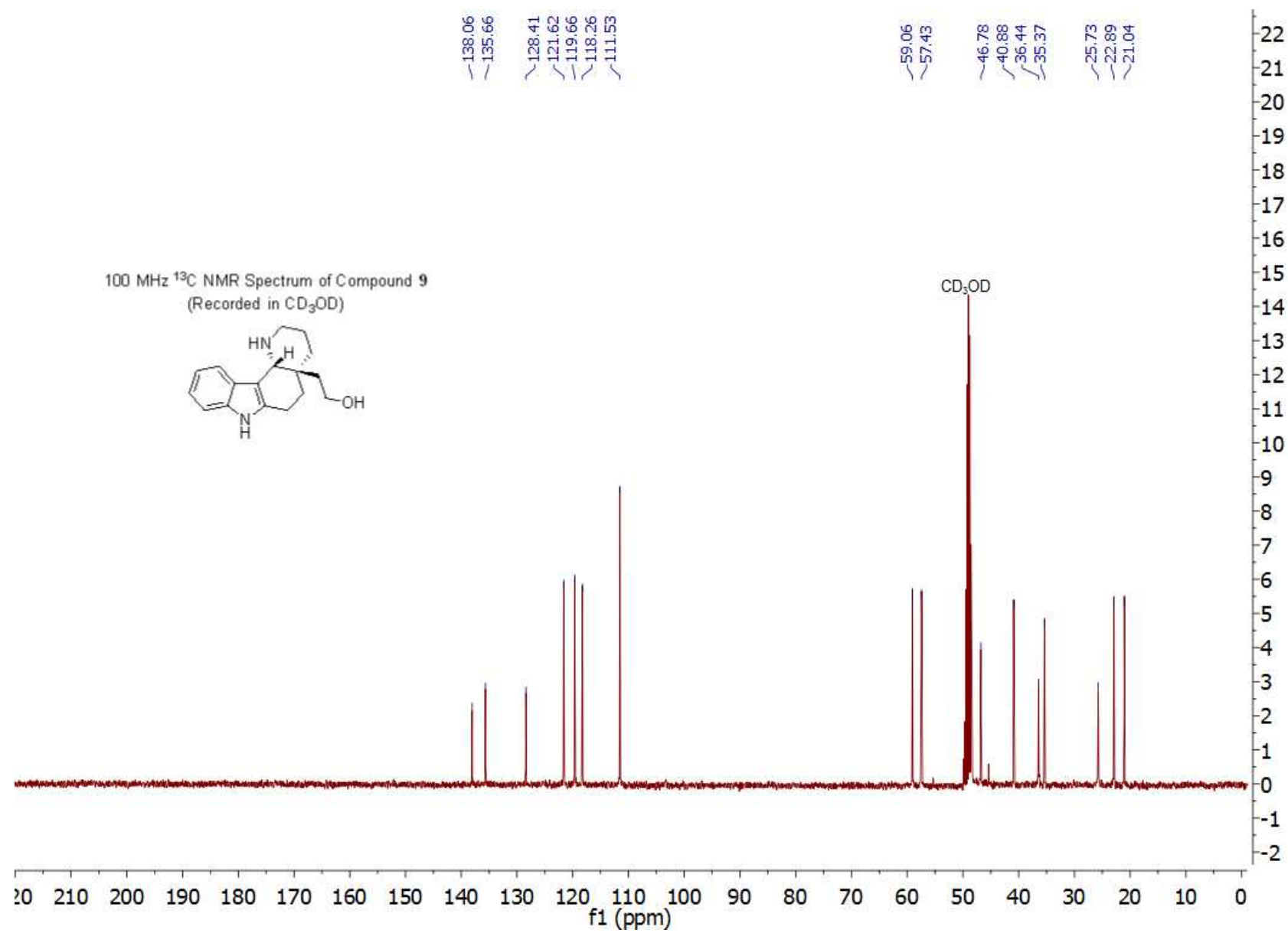


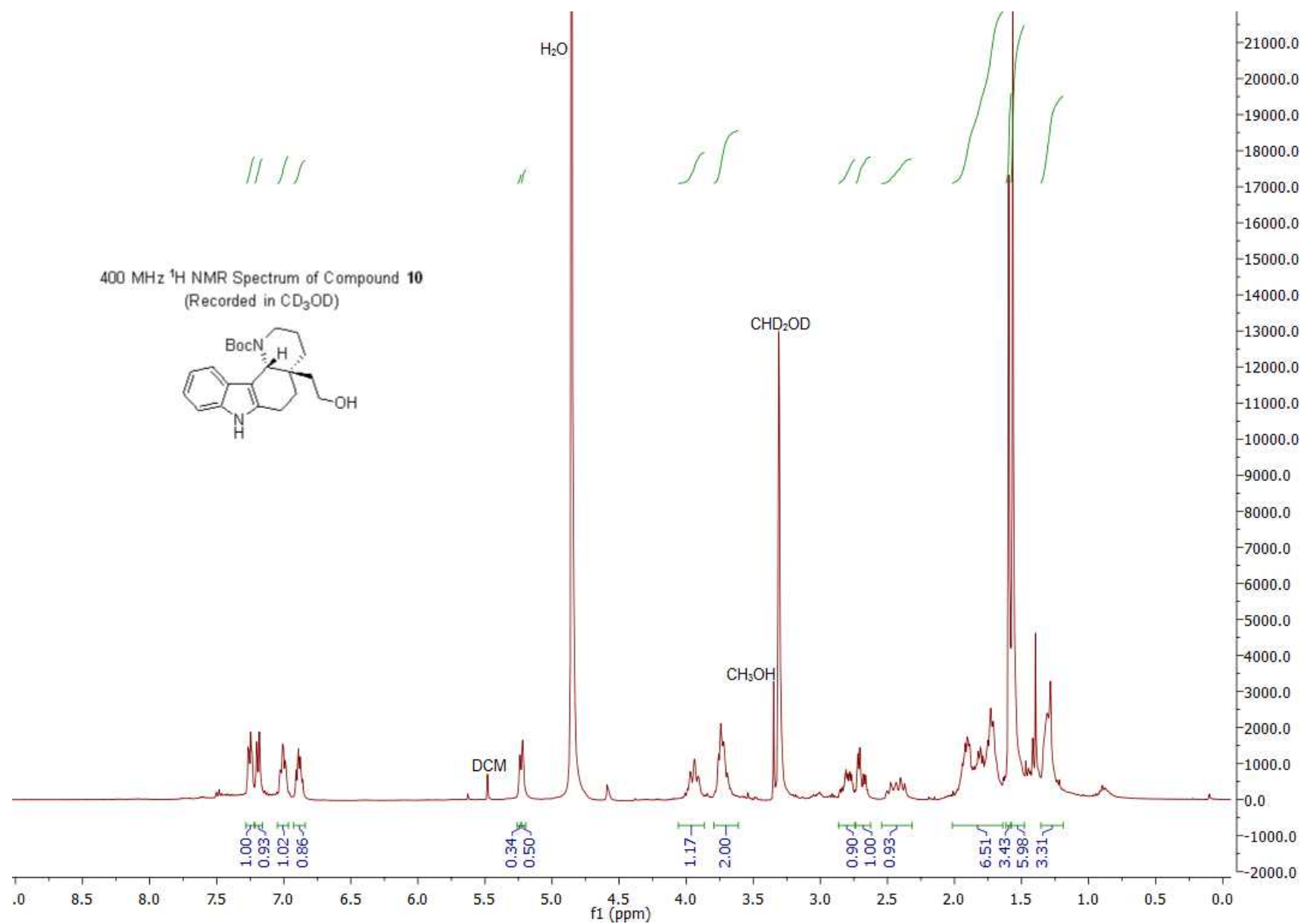


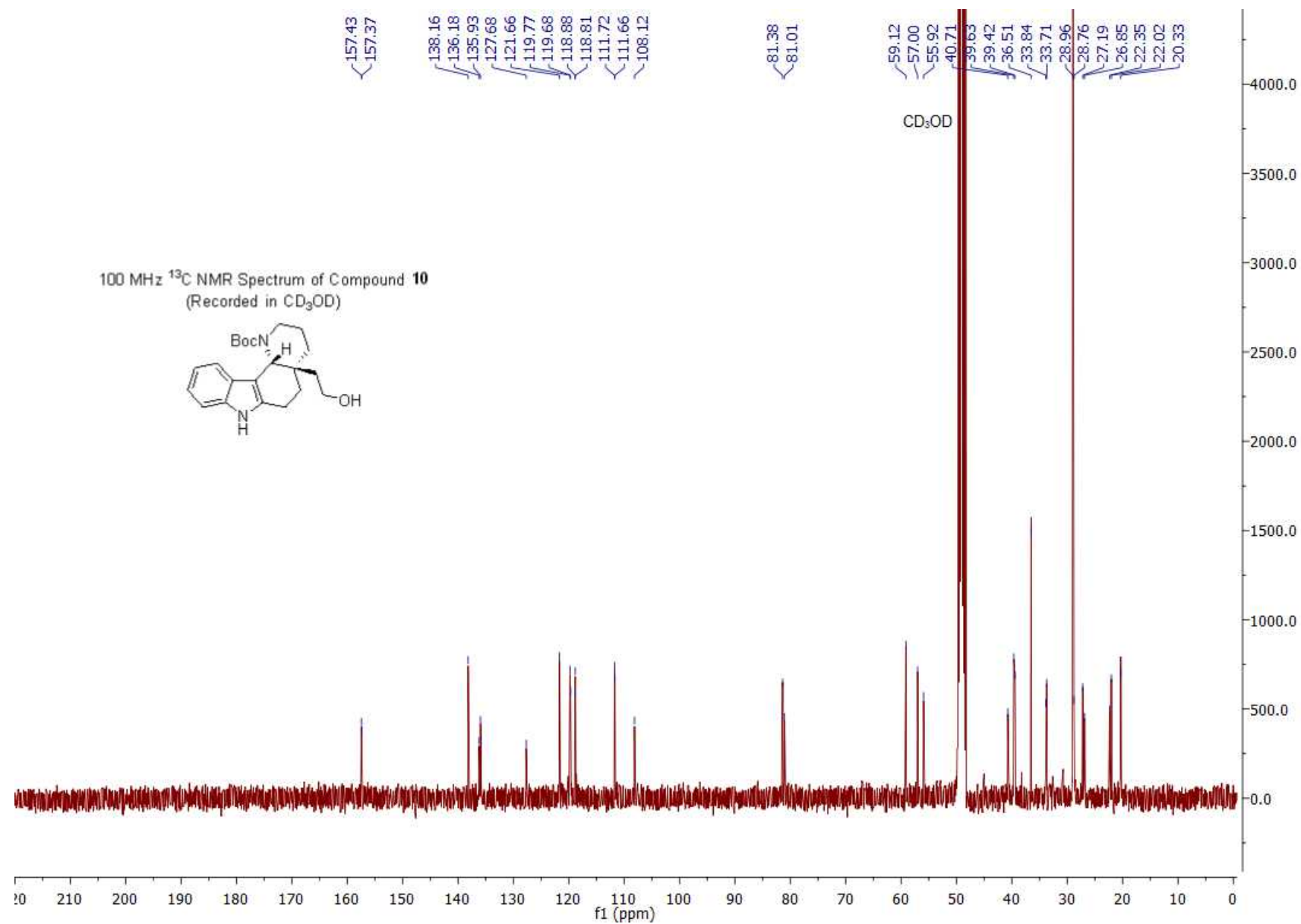


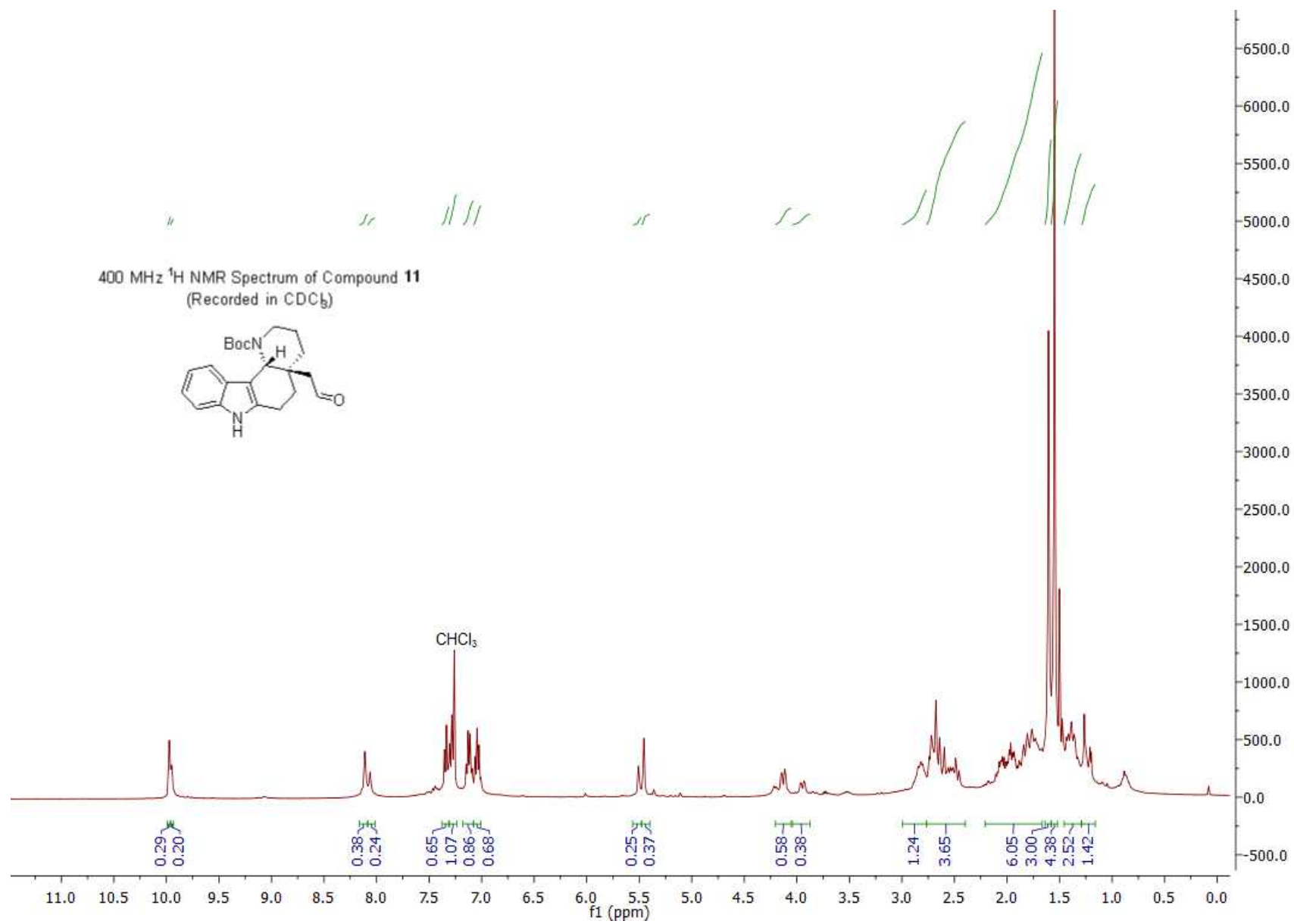


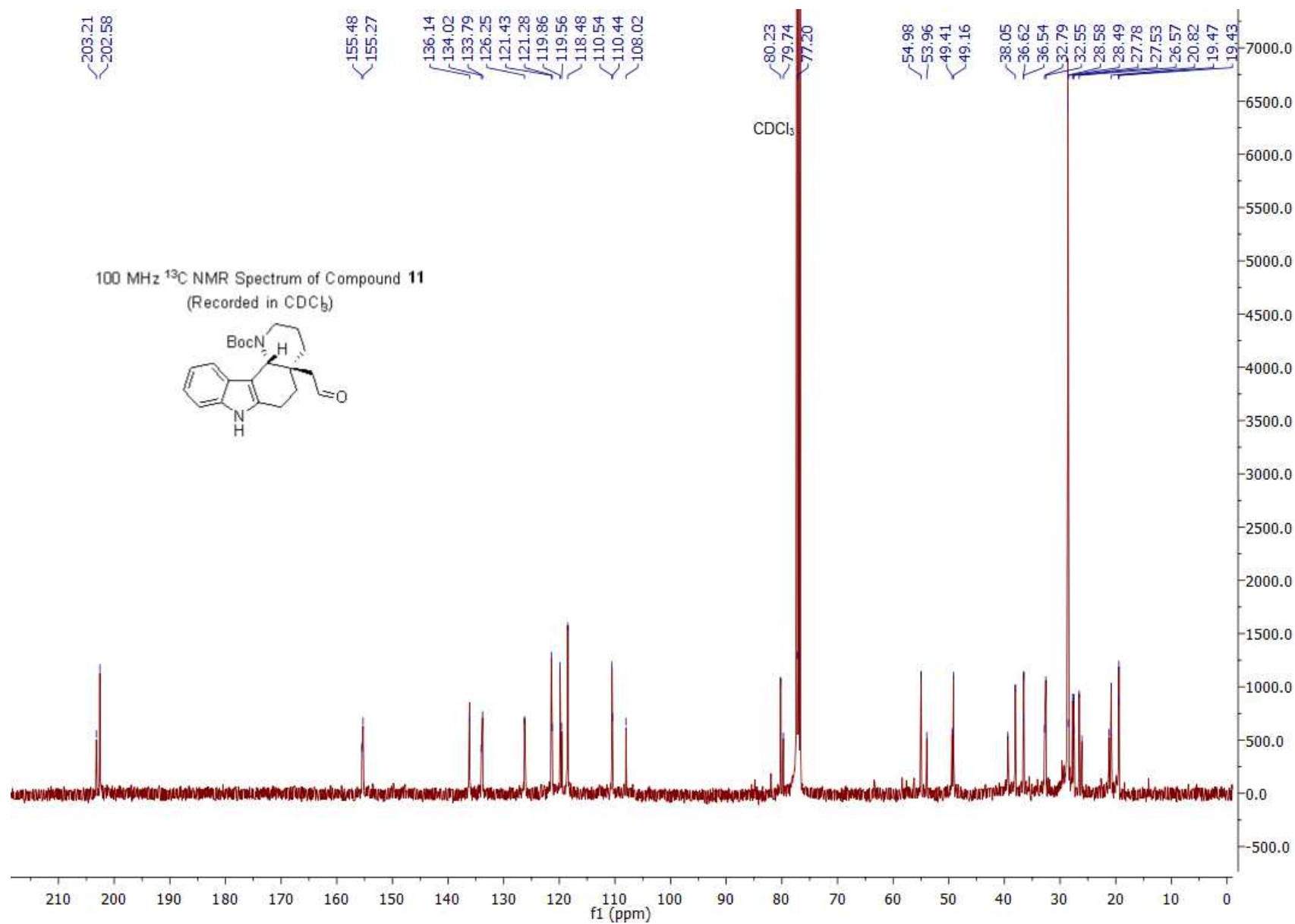


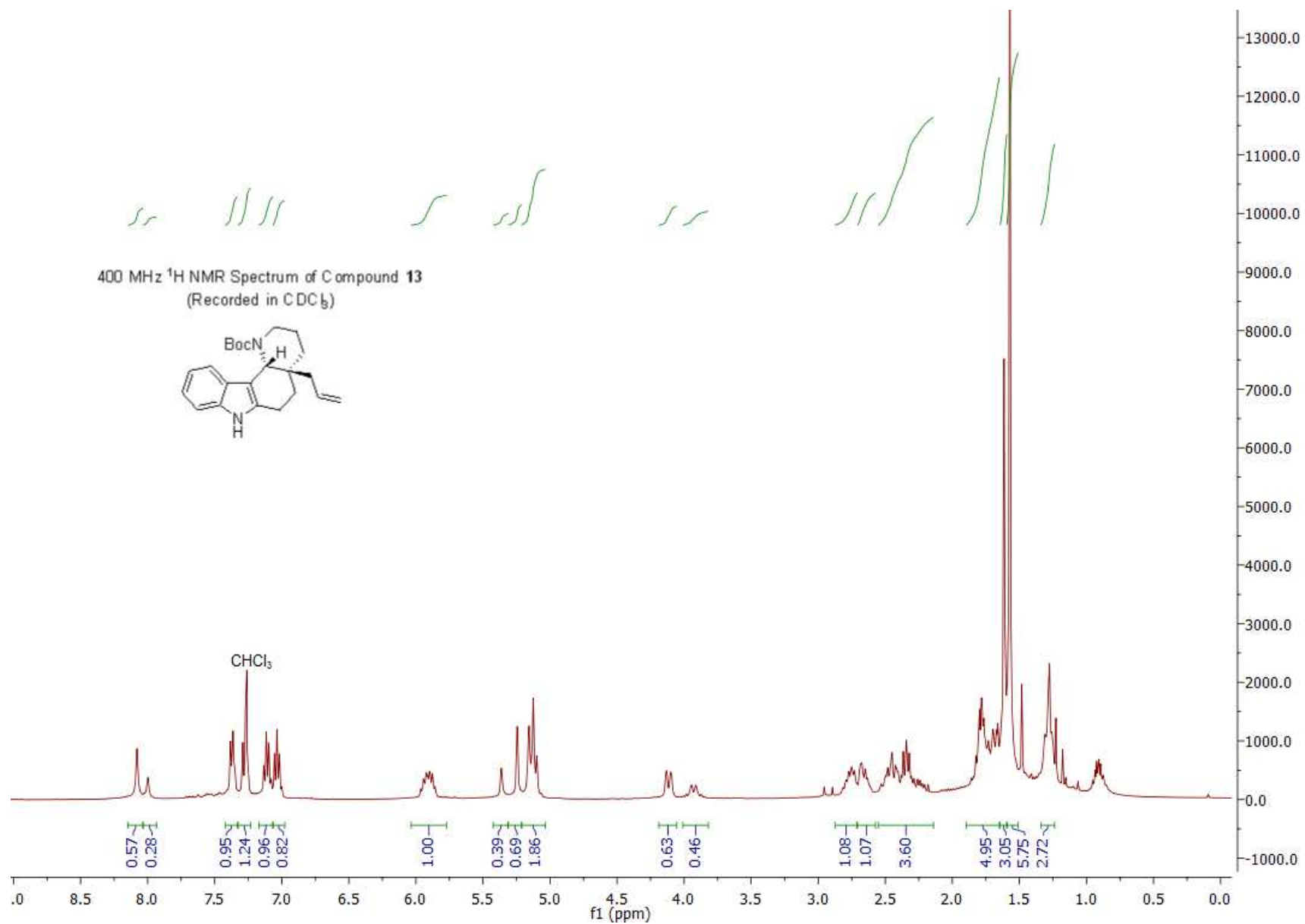


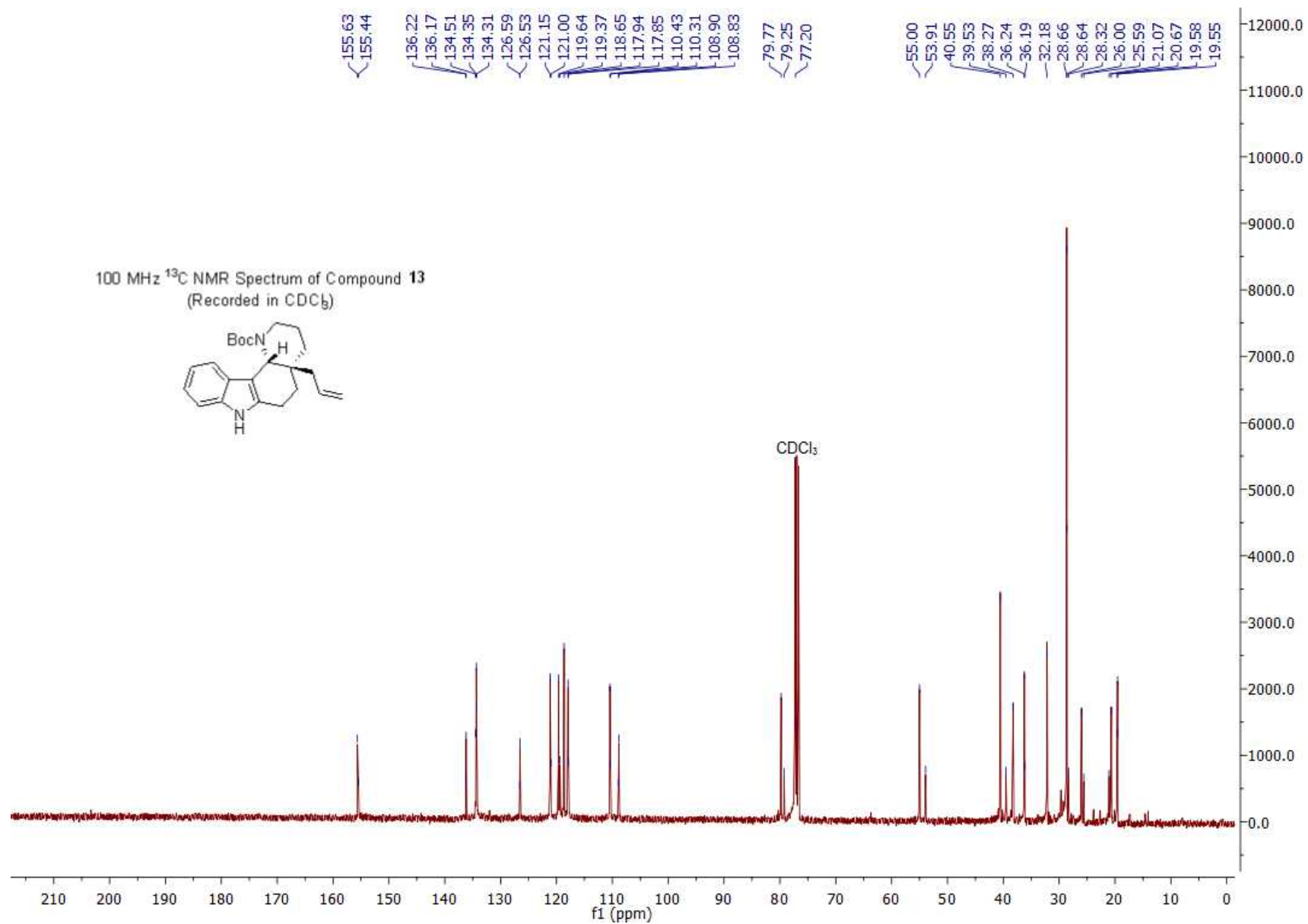


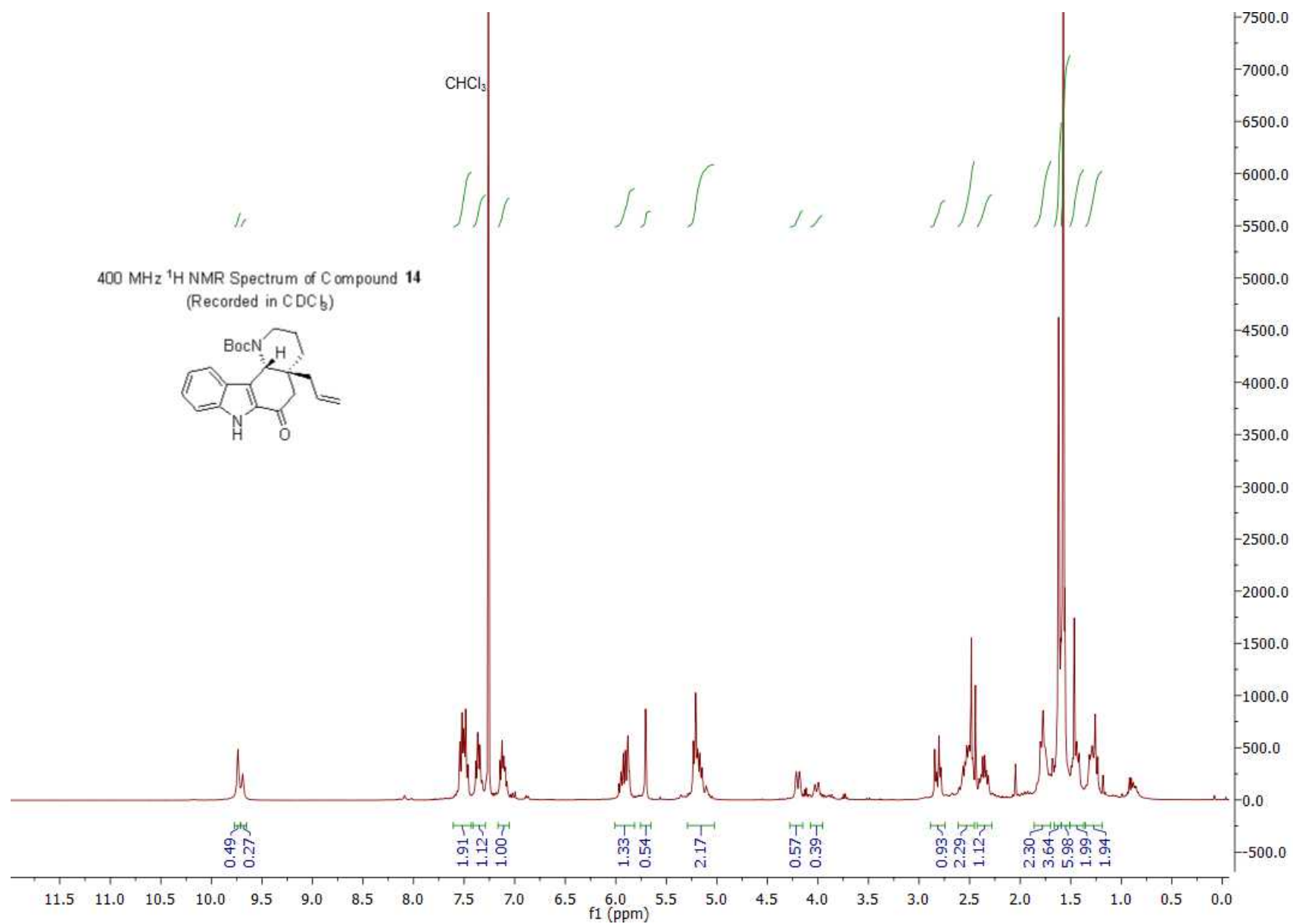


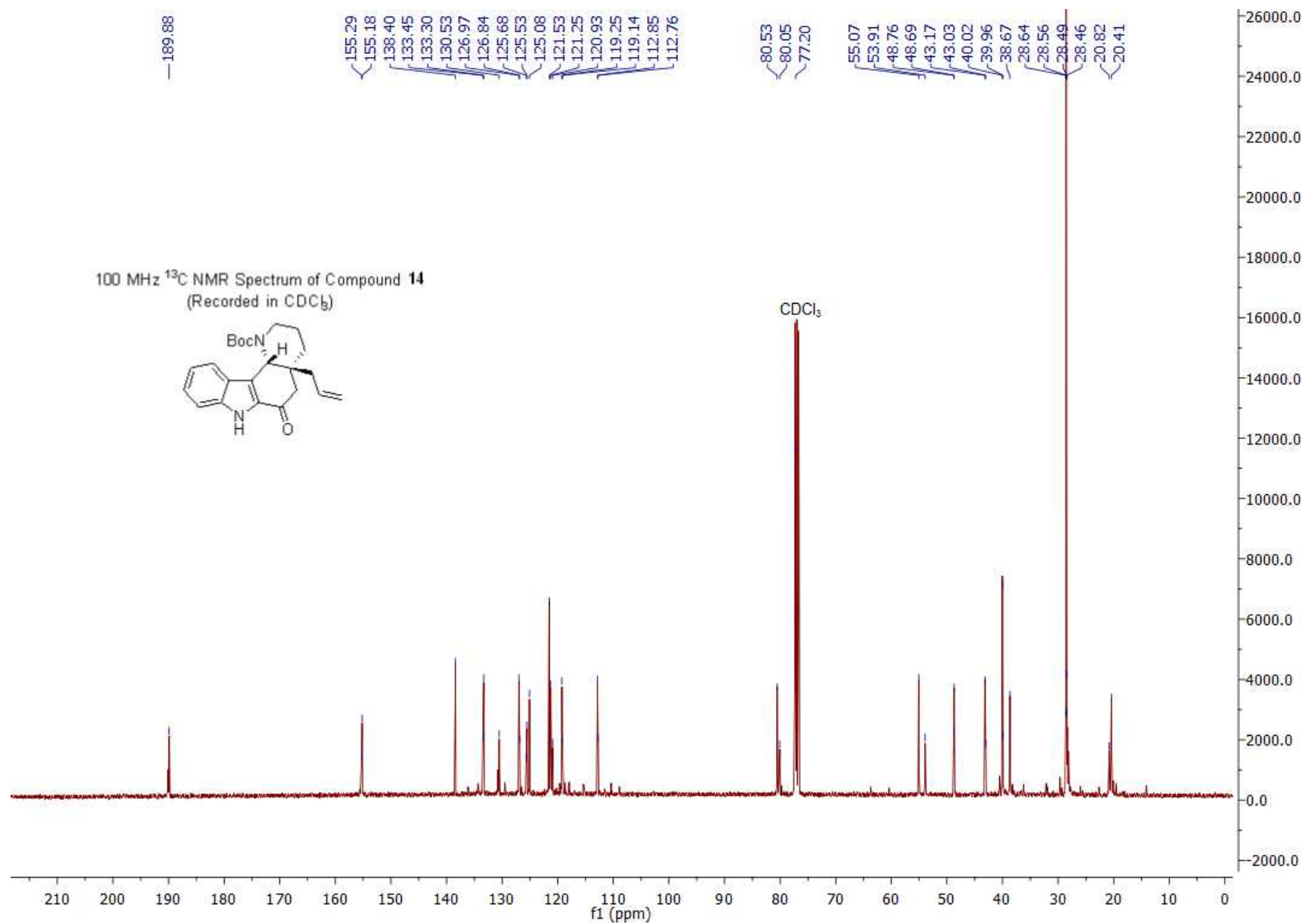


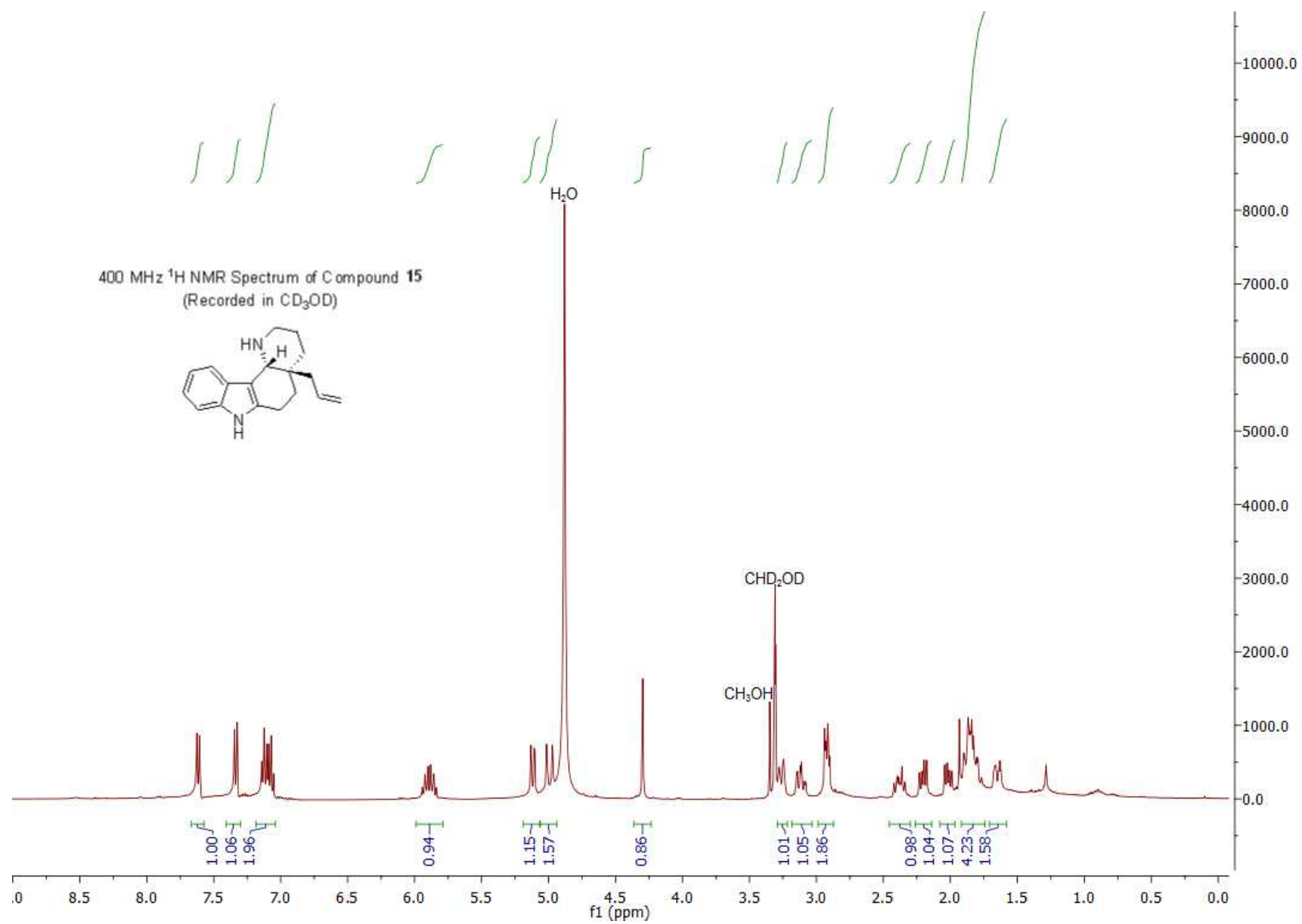


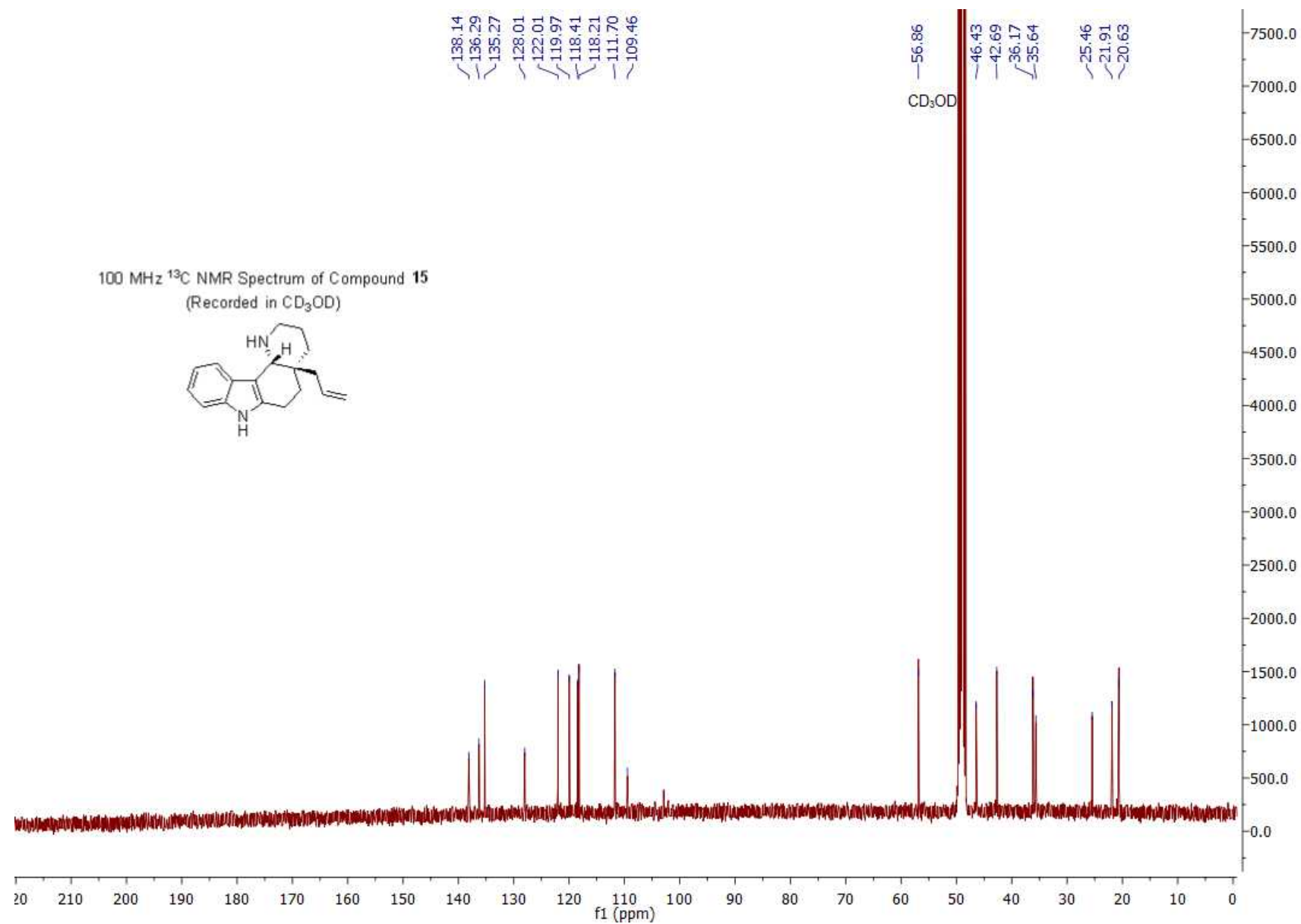


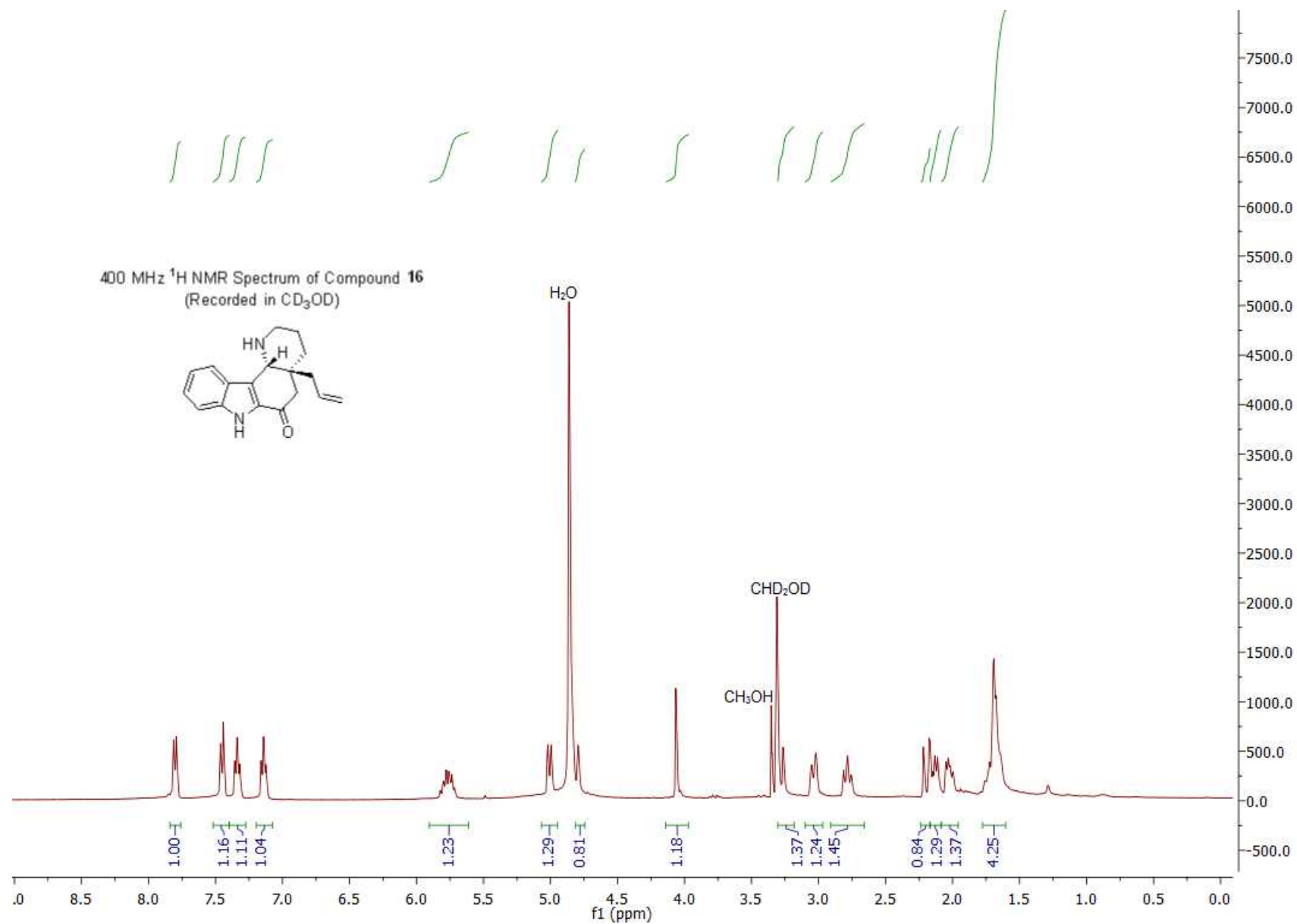


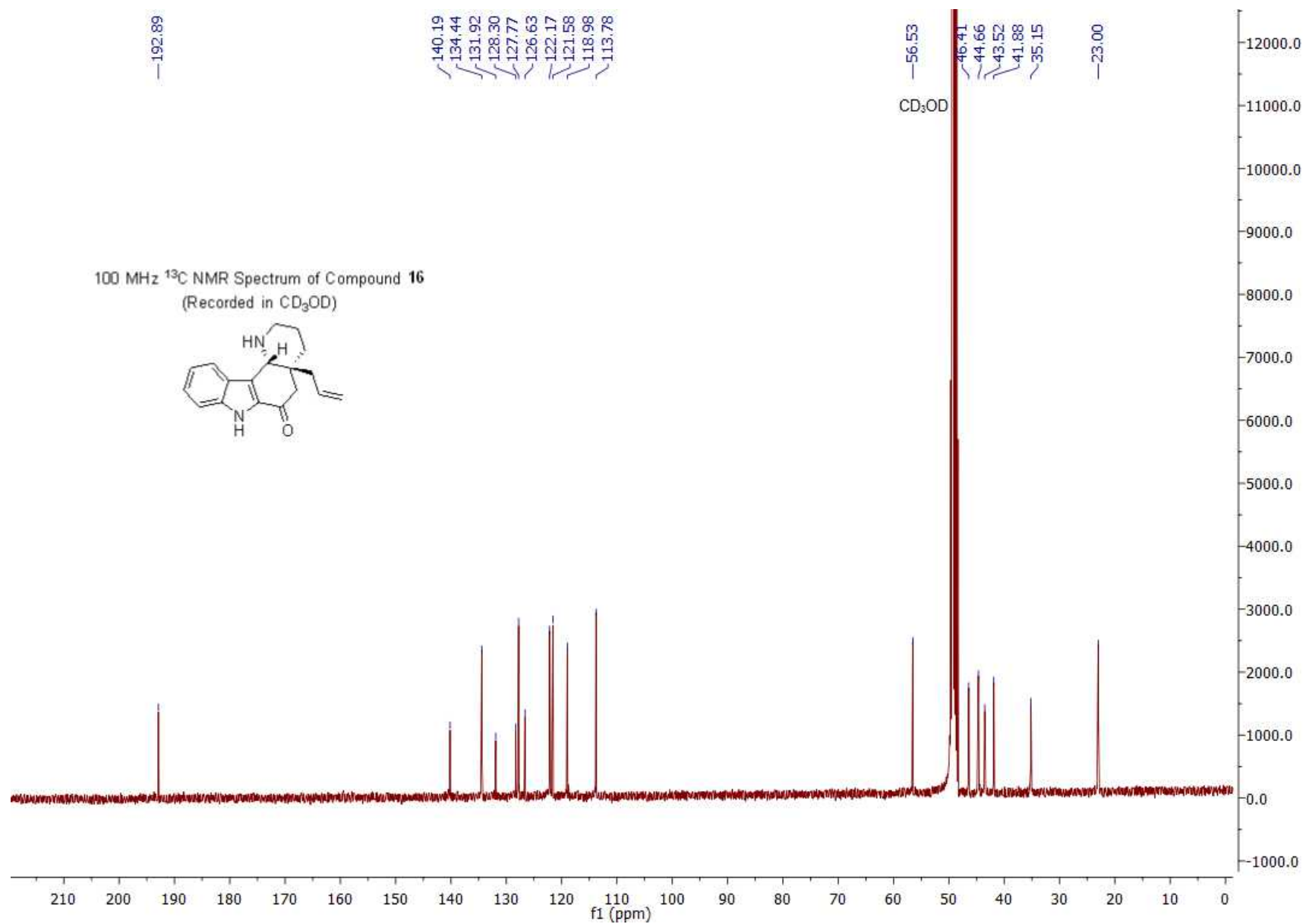


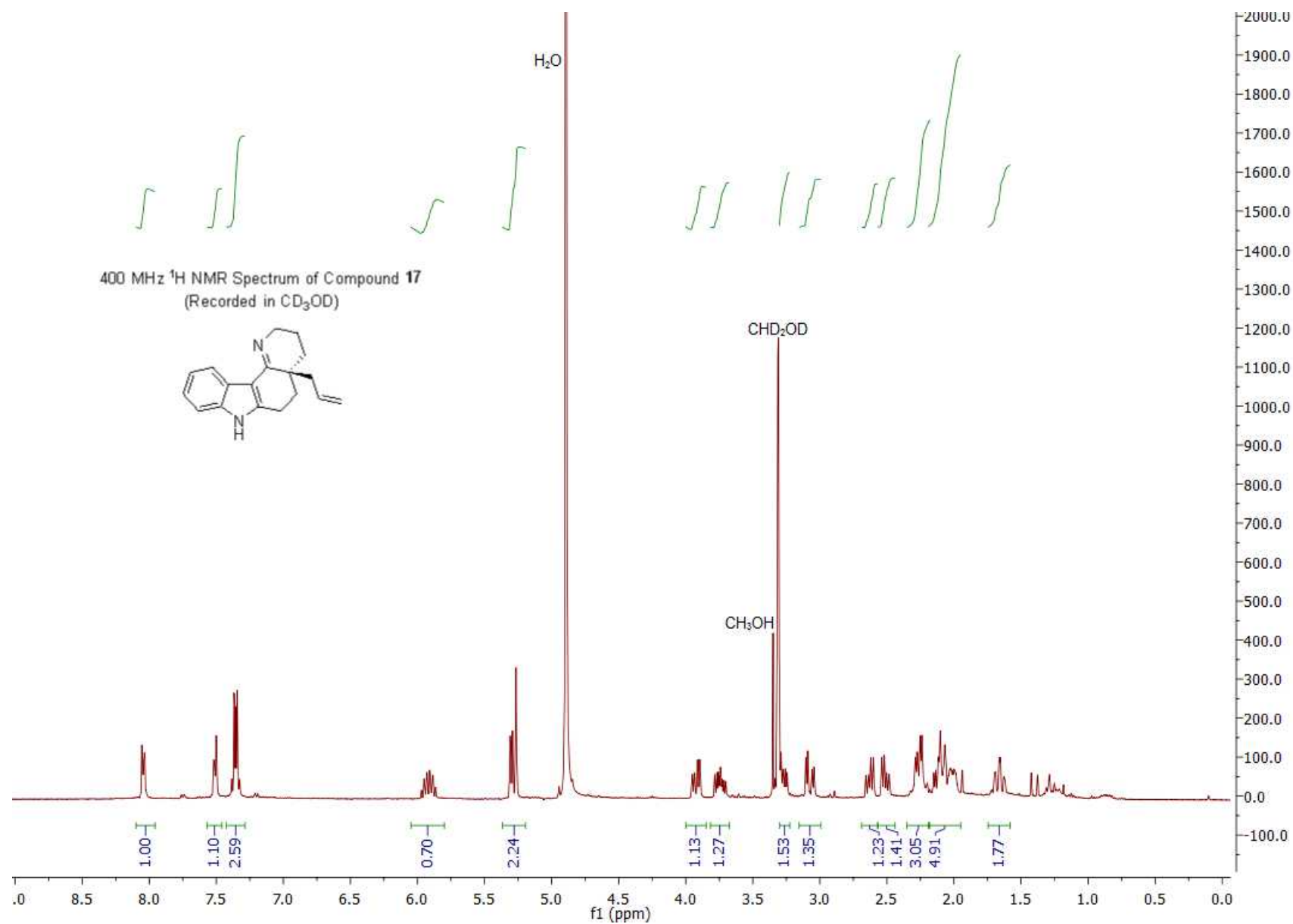


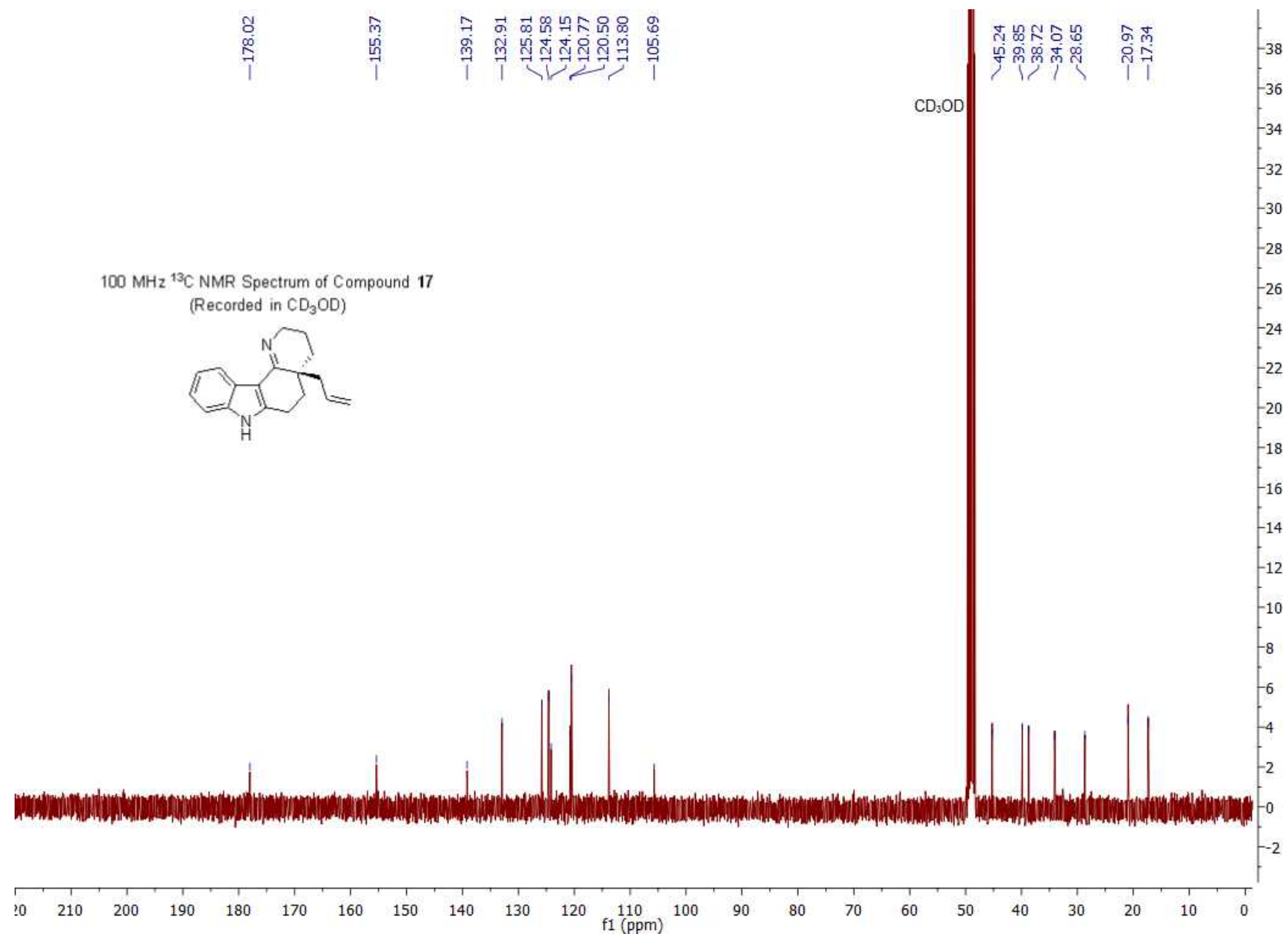




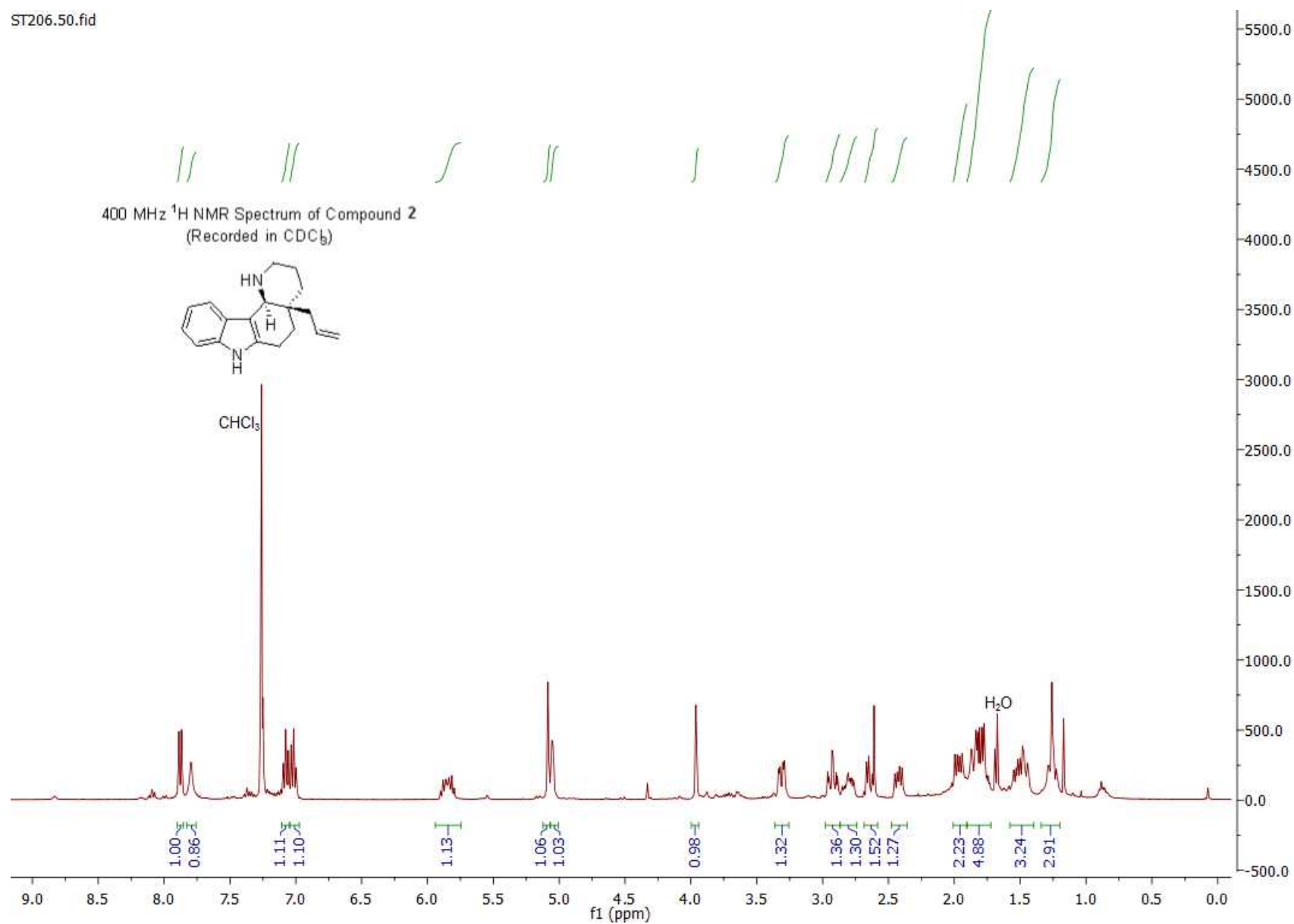








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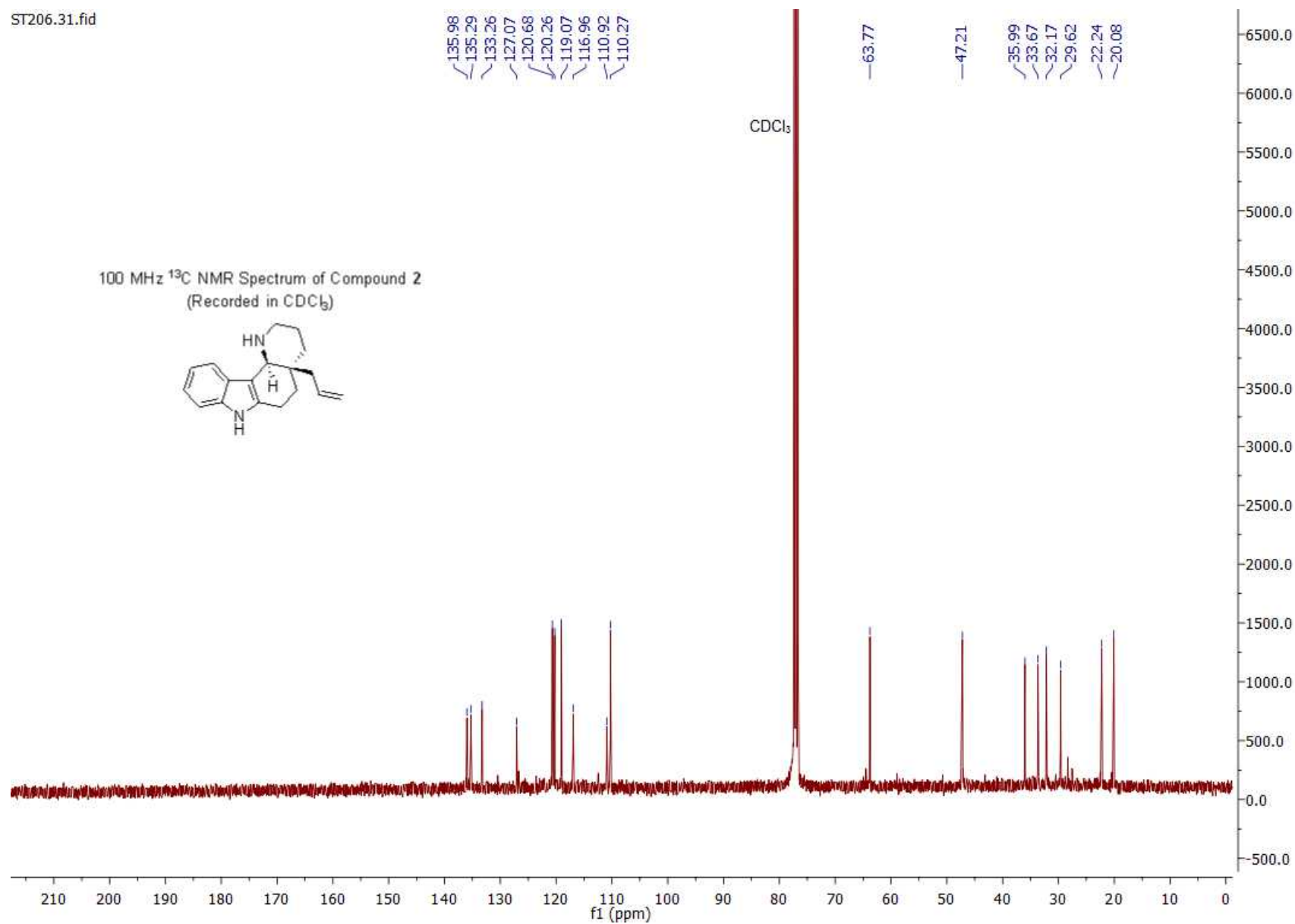


Table 1: *Comparison of ^{13}C NMR Data Recorded for Compound 2 Obtained by the Route Associated with the Present Study with those Reported by Mukai⁶*

^{13}C NMR Data for Compound 2 (δ_{C}) ^a	^{13}C NMR Data from Mukai (δ_{C}) ^b
136.0	135.9
135.3	135.3
133.3	133.3
127.1	127.1
120.7	120.6
120.3	120.2
119.1	119.0
117.0	117.0
110.9	110.9
110.3	110.3
63.8	63.7
47.2	47.2
36.0	35.9
33.7	33.6
32.2	32.1
29.6	29.6
22.2	22.2
20.1	20.0

^aspectrum recorded in CDCl_3 at 100 MHz;

^bdata obtained from reference 6, spectrum recorded in CDCl_3 at 100 MHz.