

Supporting information for

**Synthesis of lapachol and 4-hydroxyquinazoline derivatives as candidates for
antimalarial activity**

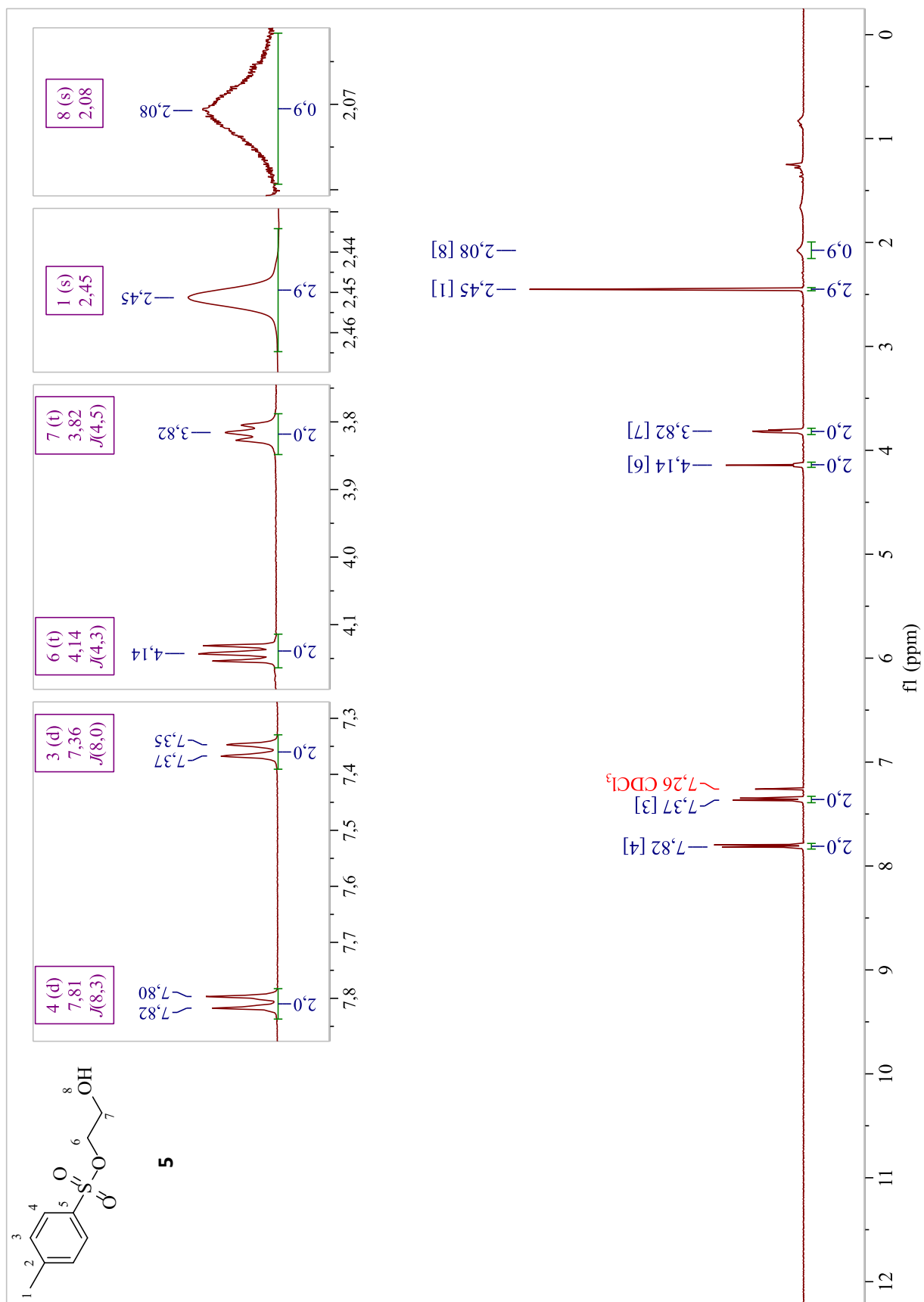
Felipe Revoredo Benatti (felipe.r.benatti@gmail.com), Keoma Keyson Lima

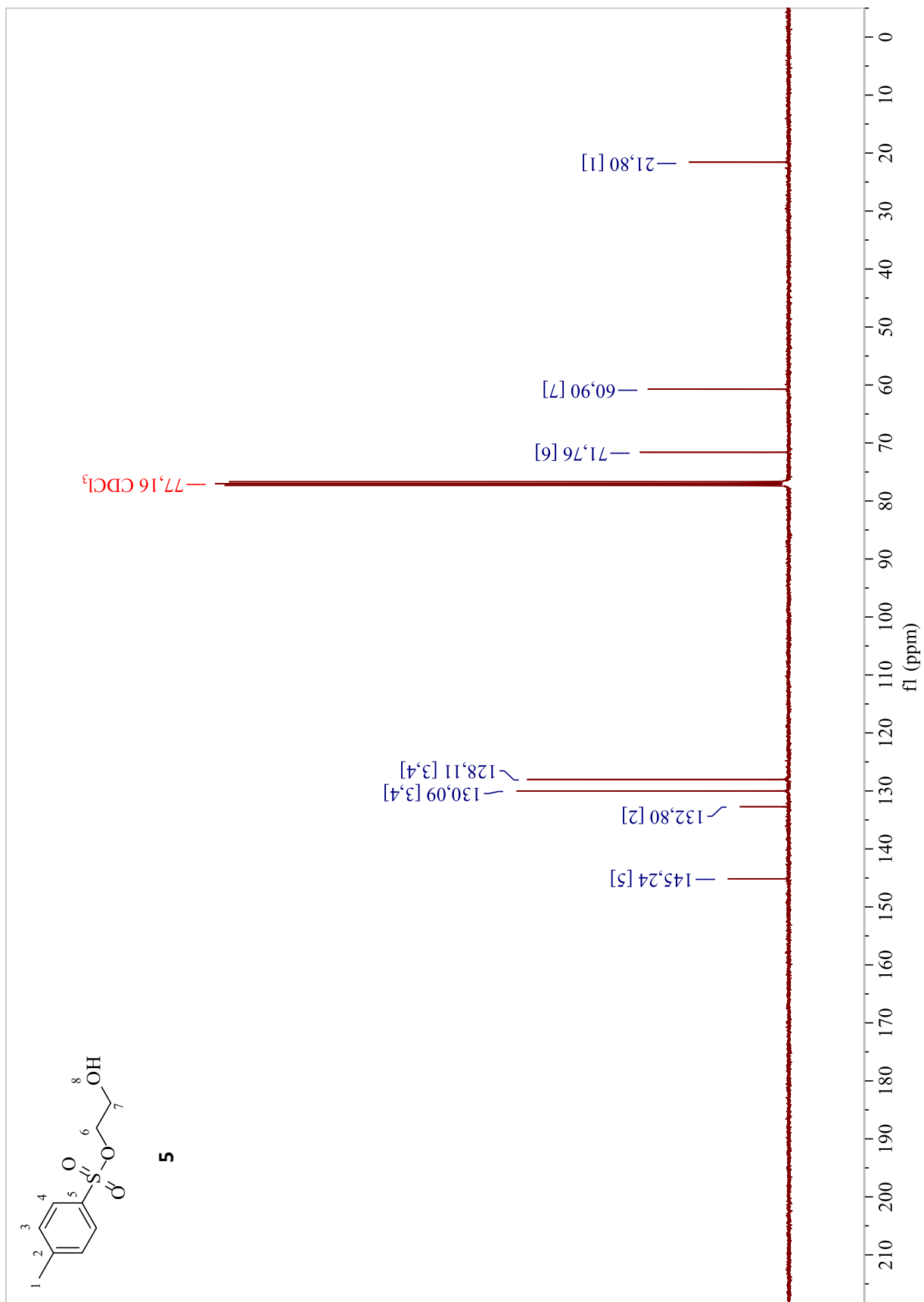
Cavalcante (keomakcavalcante@gmail.com), Alexandre Orsato (orsato@uel.br), Carla

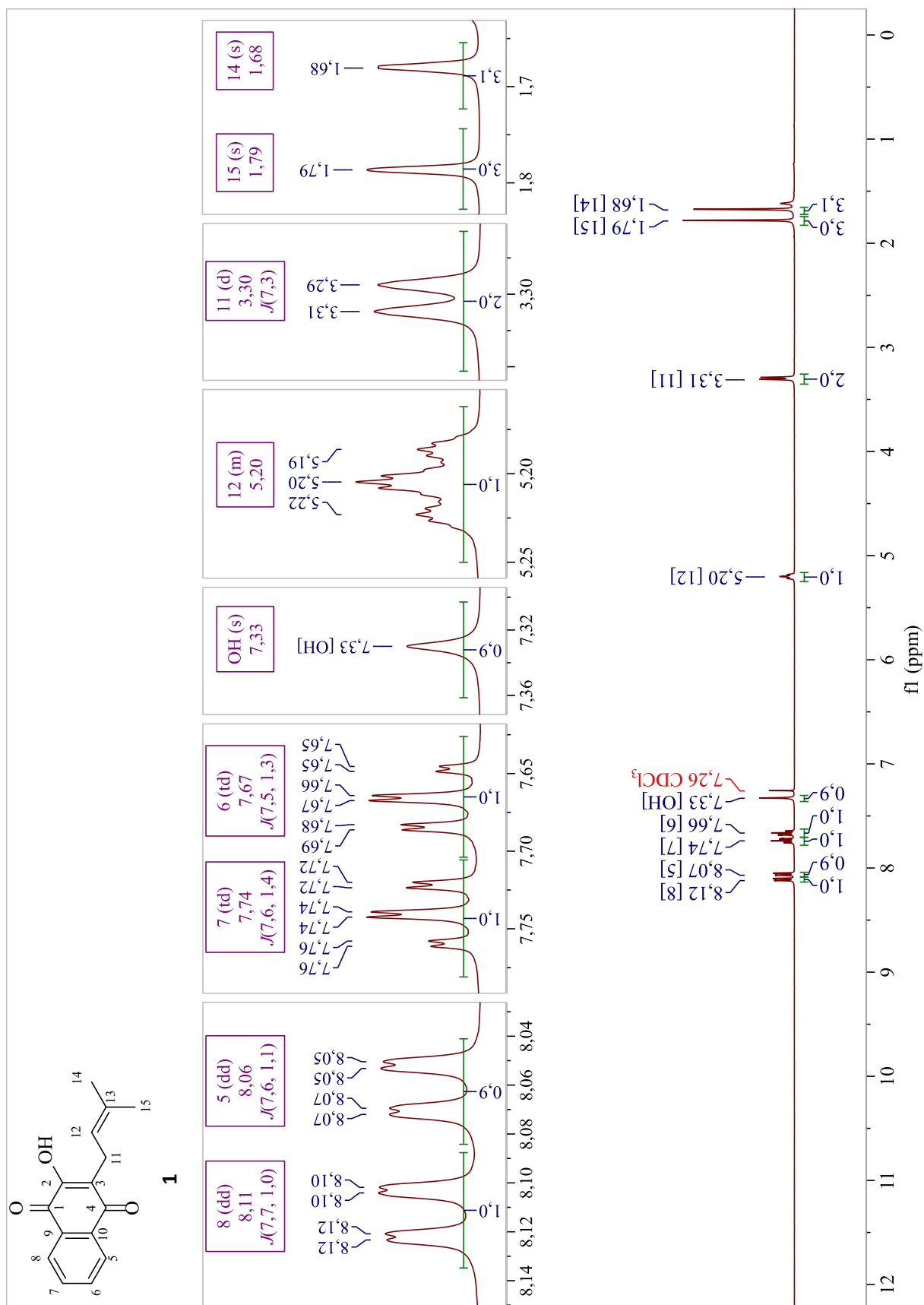
Cristina Perez (perezcc@uel.br).

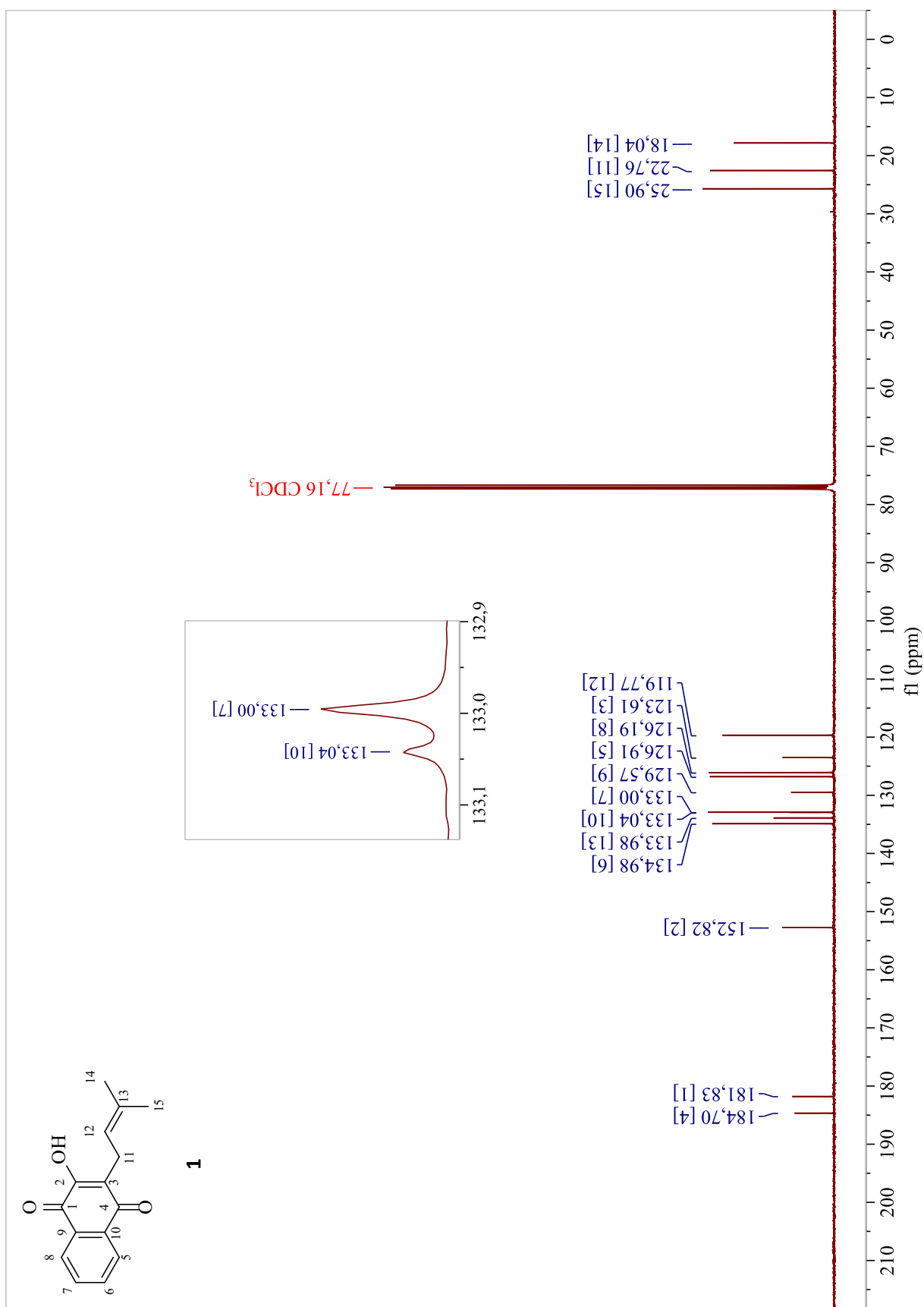
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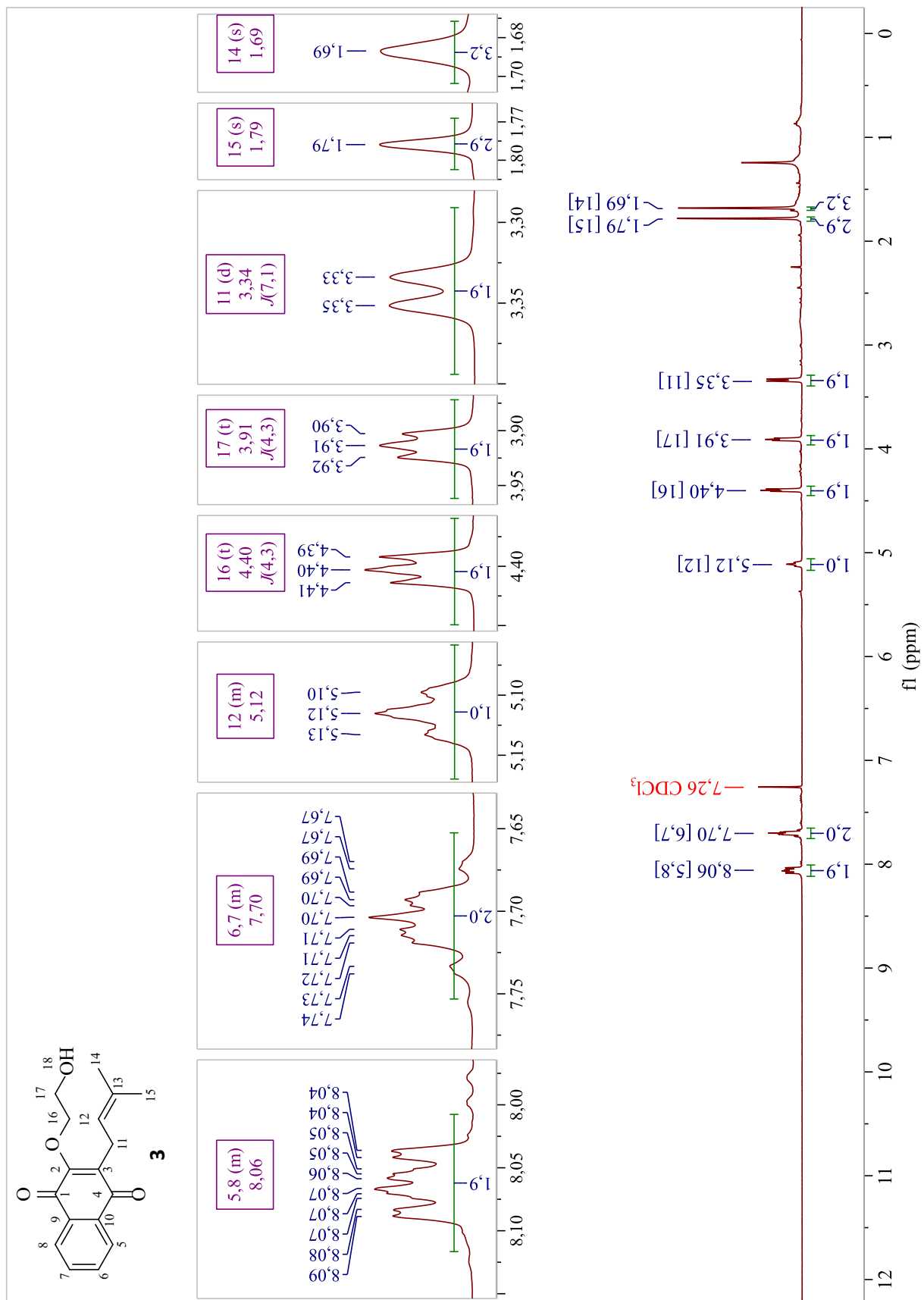
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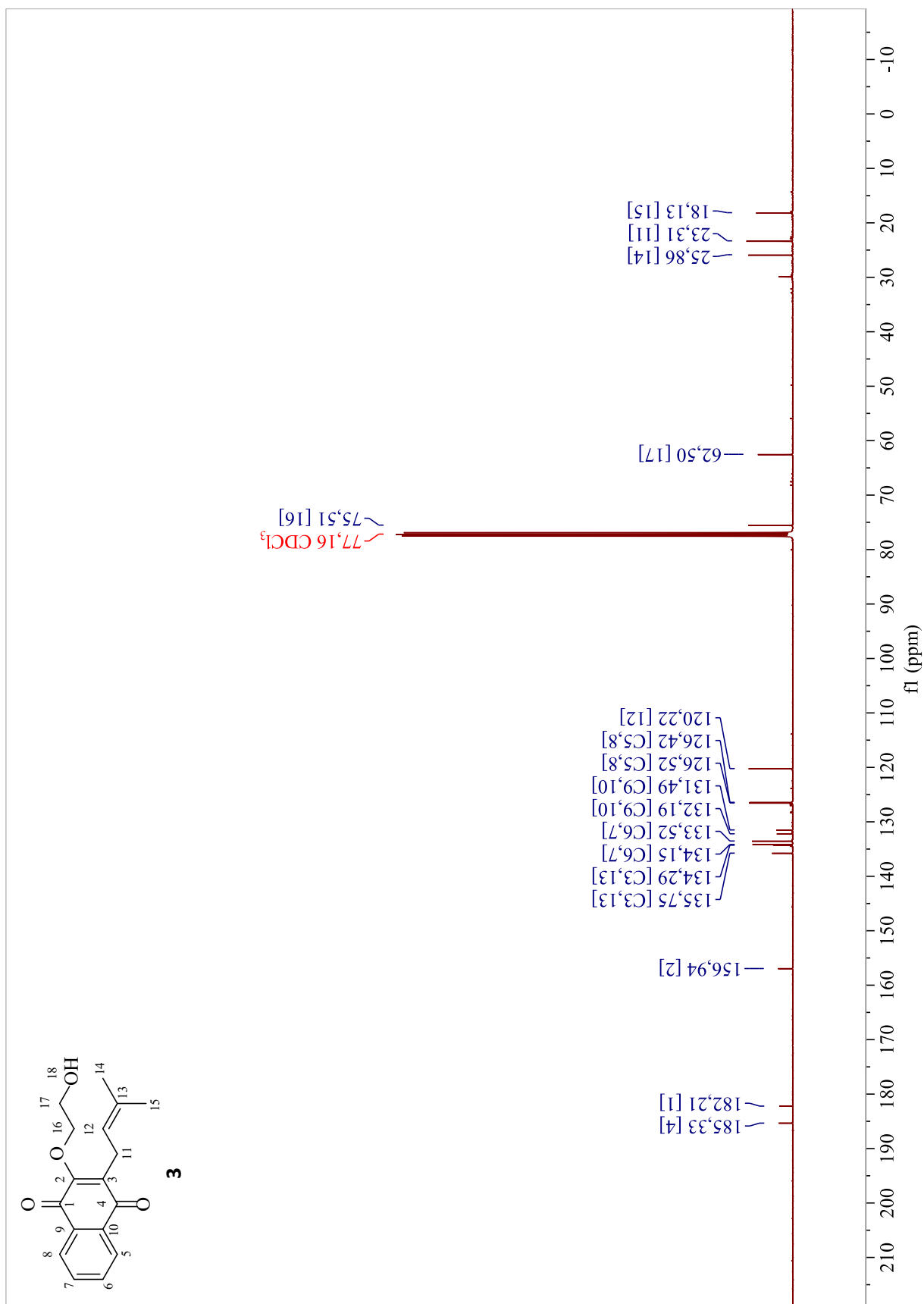
^1H NMR (400 MHz, CDCl_3) of **5**.

^{13}C NMR (100 MHz, CDCl_3) of **5**.

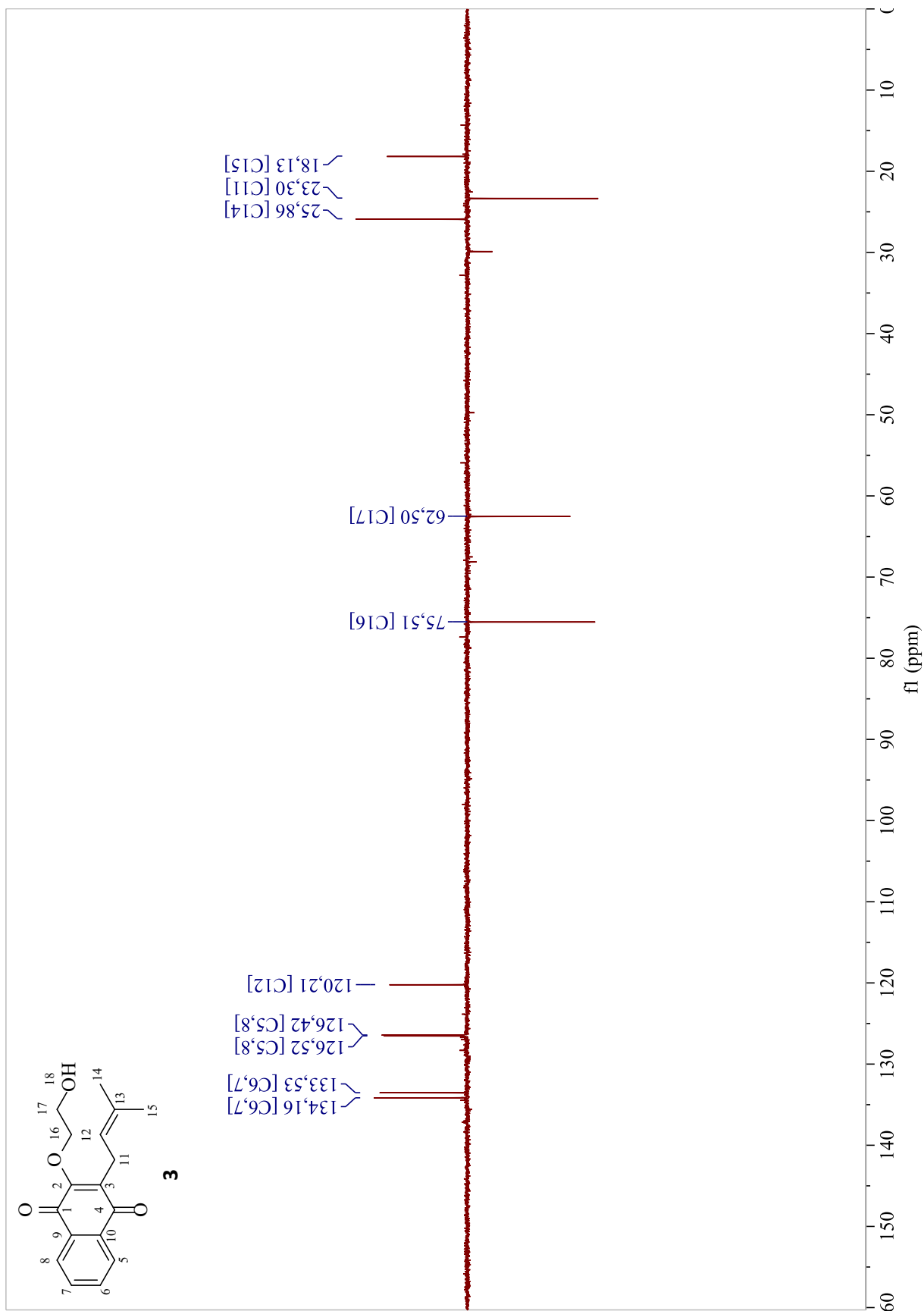
^1H NMR (400 MHz, CDCl_3) of **1**.

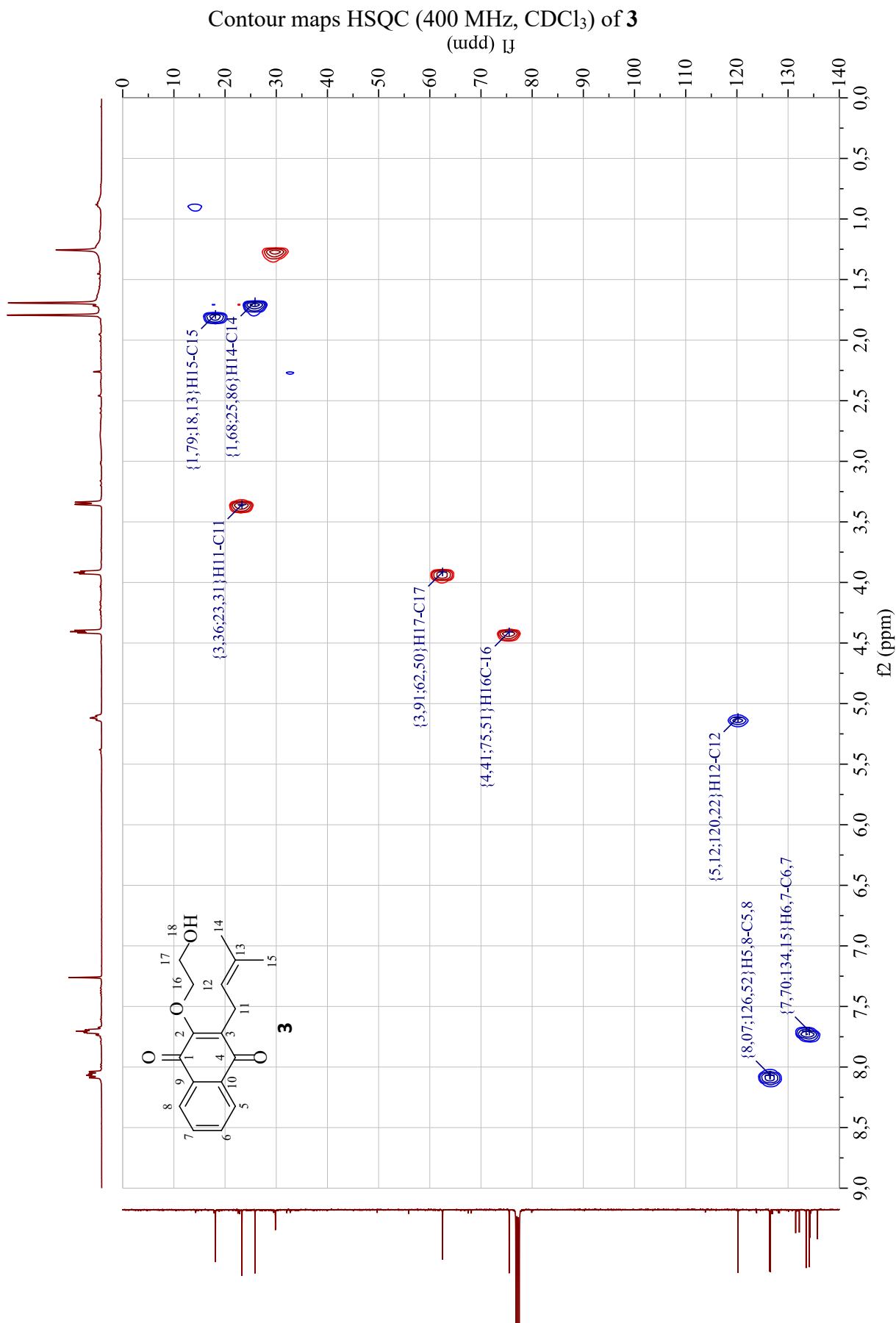
^{13}C NMR (100 MHz, CDCl_3) of **1**.

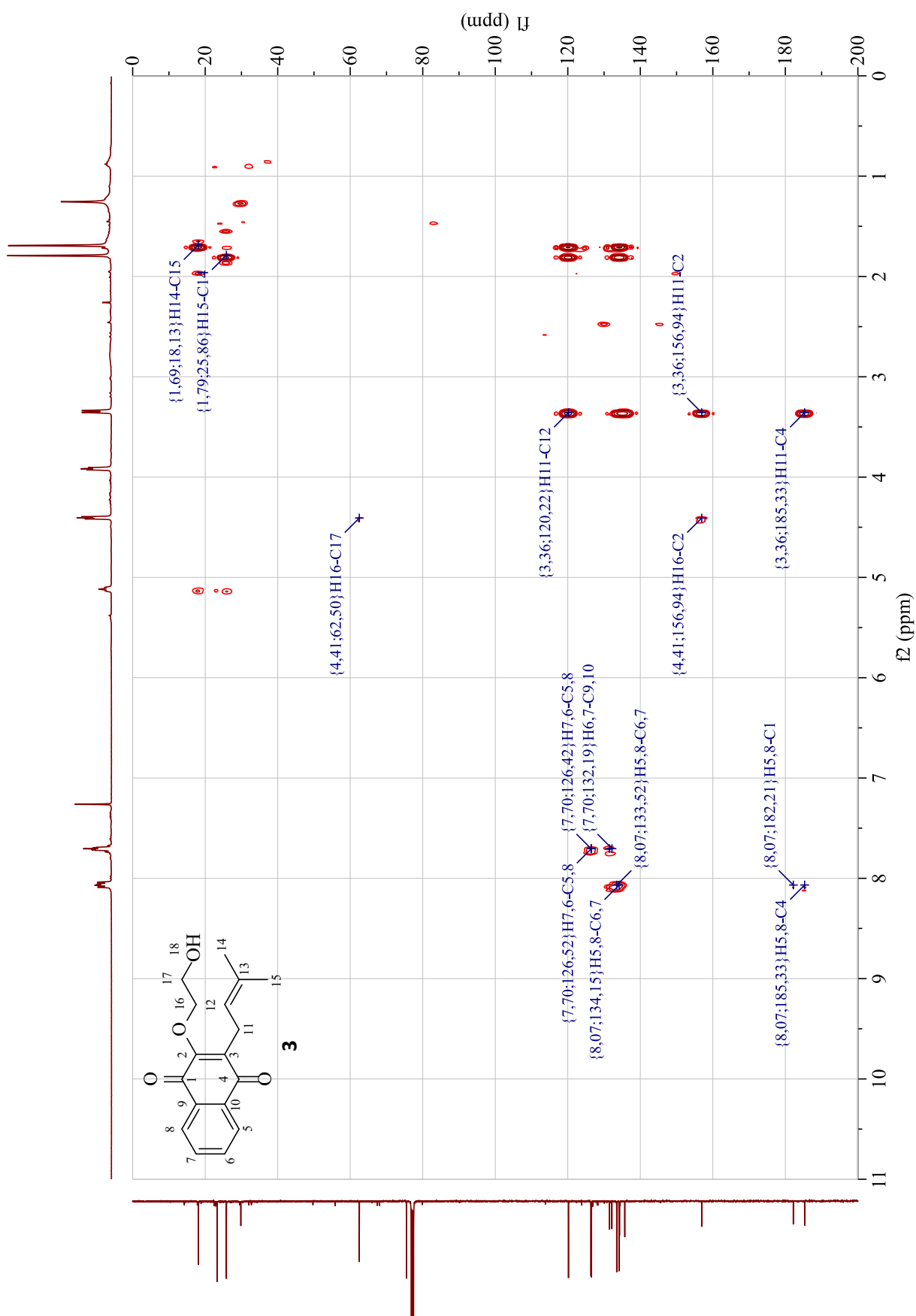
^1H NMR (100 MHz, CDCl_3) of **3**.

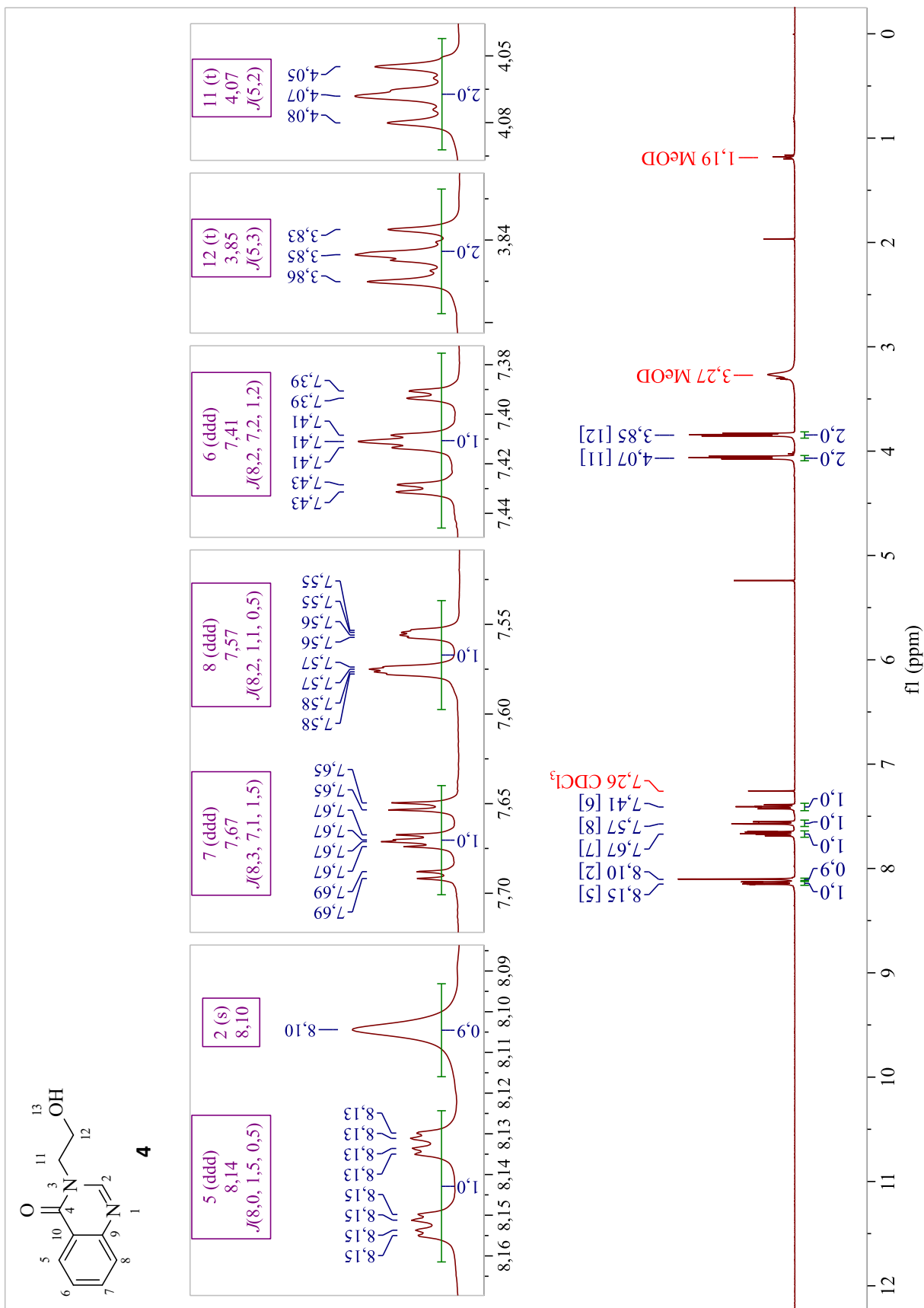
^{13}C NMR (100 MHz, CDCl_3) of **3**.

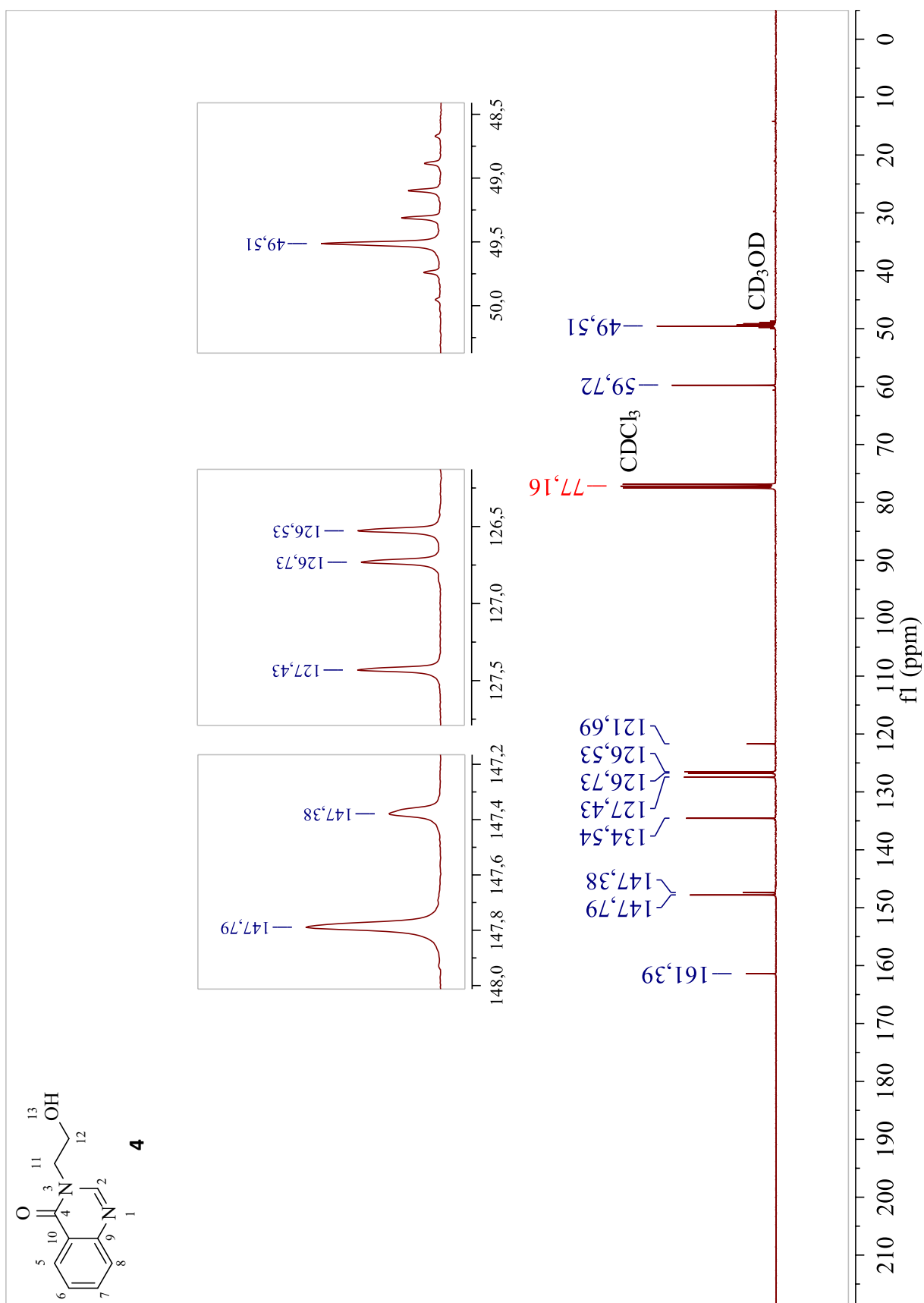
DEPT-135 (100 MHz, CDCl₃) of **3**.

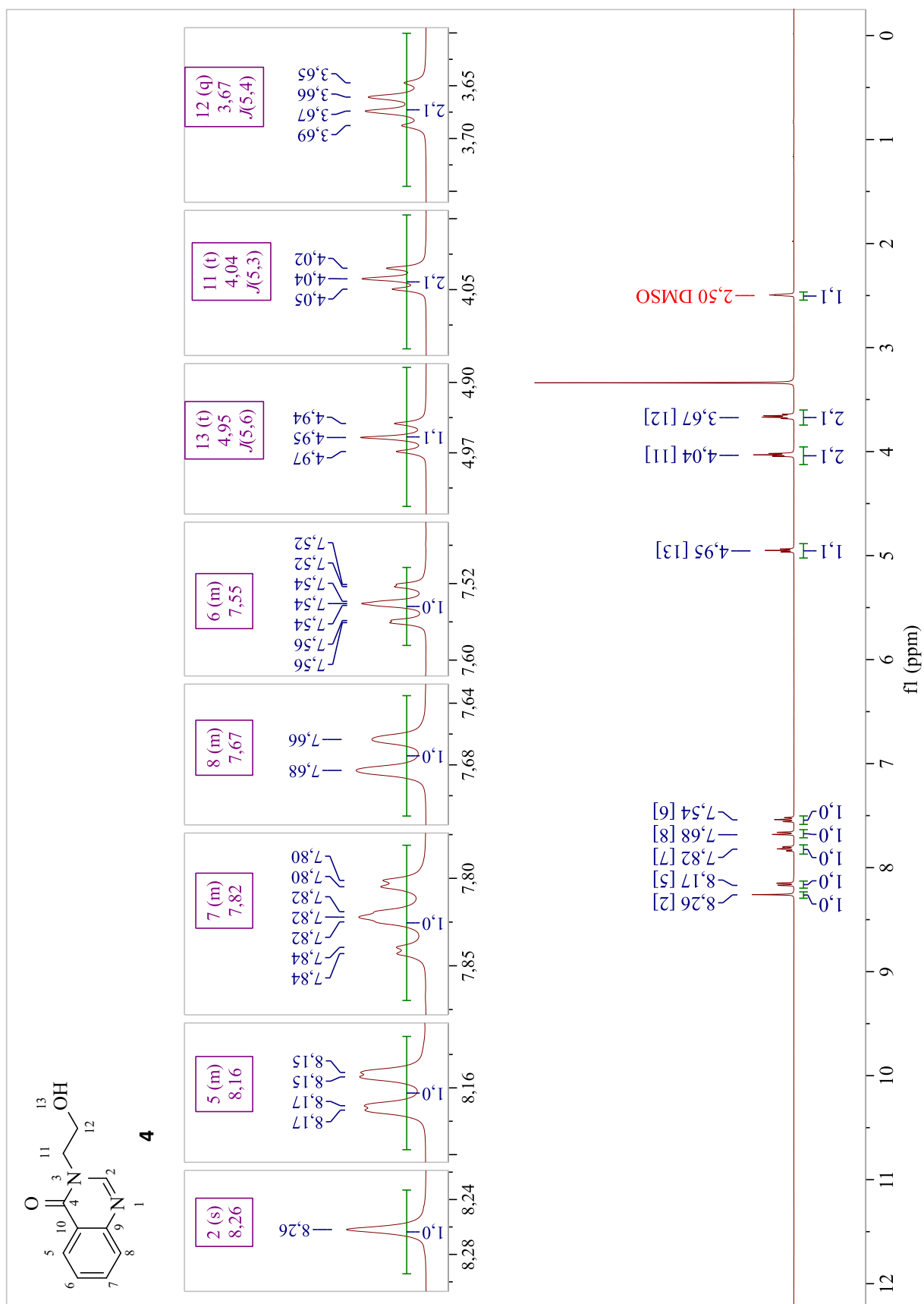




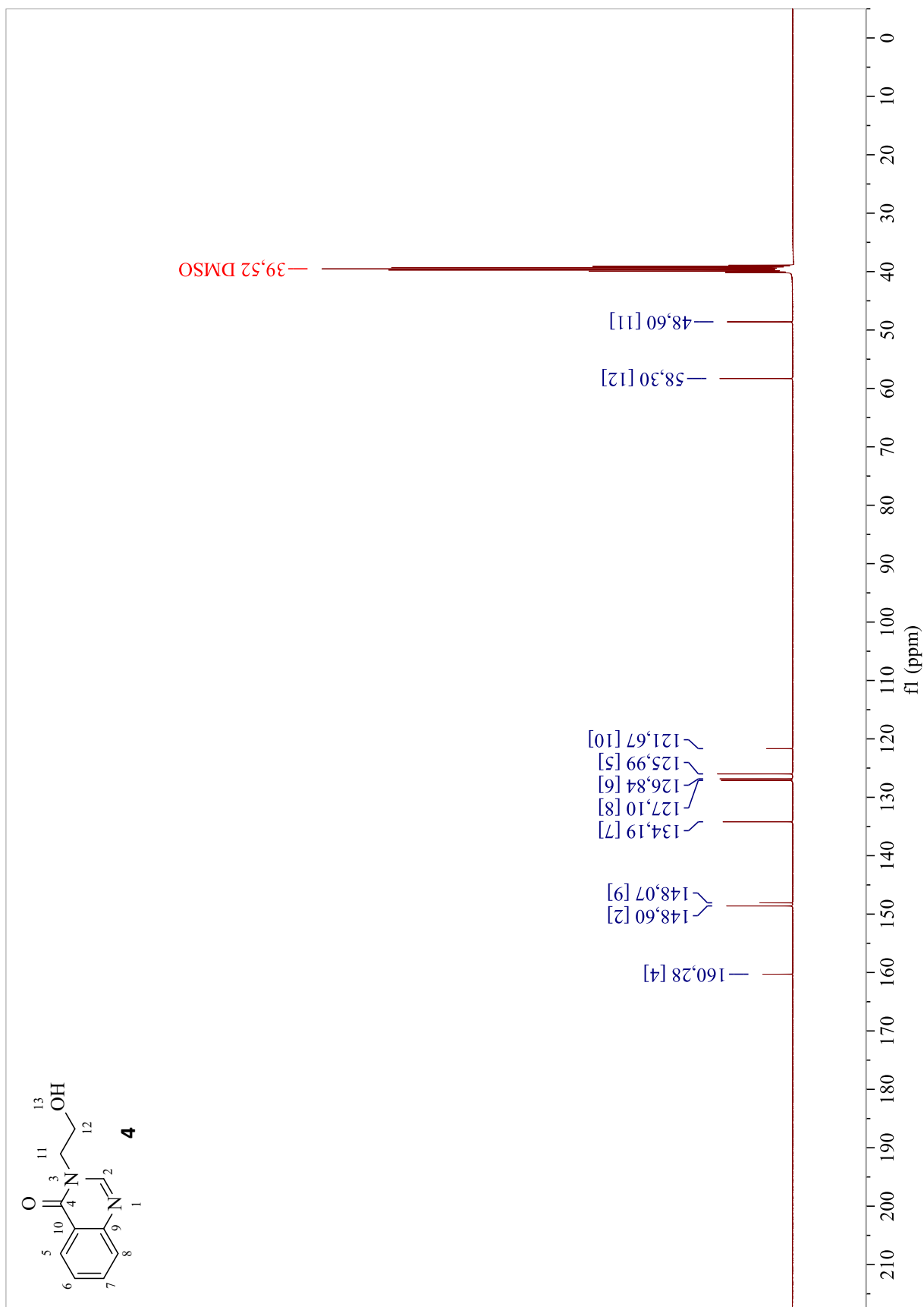
Contour maps HMBC (400 MHz, CDCl₃) of **3**

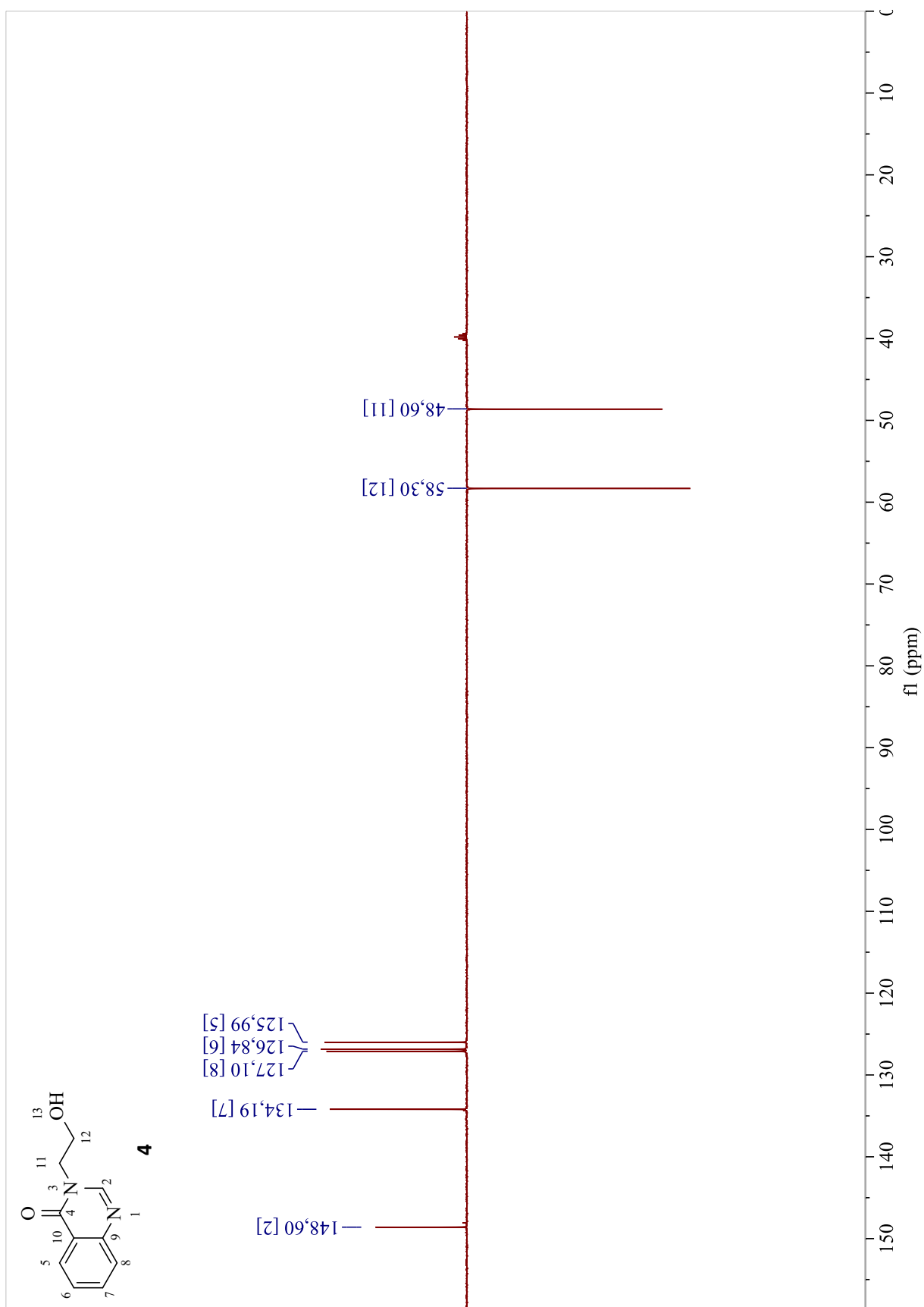
¹H NMR (400 MHz, CDCl₃) of 4.

^{13}C NMR (100 MHz, CDCl_3) of **4**.

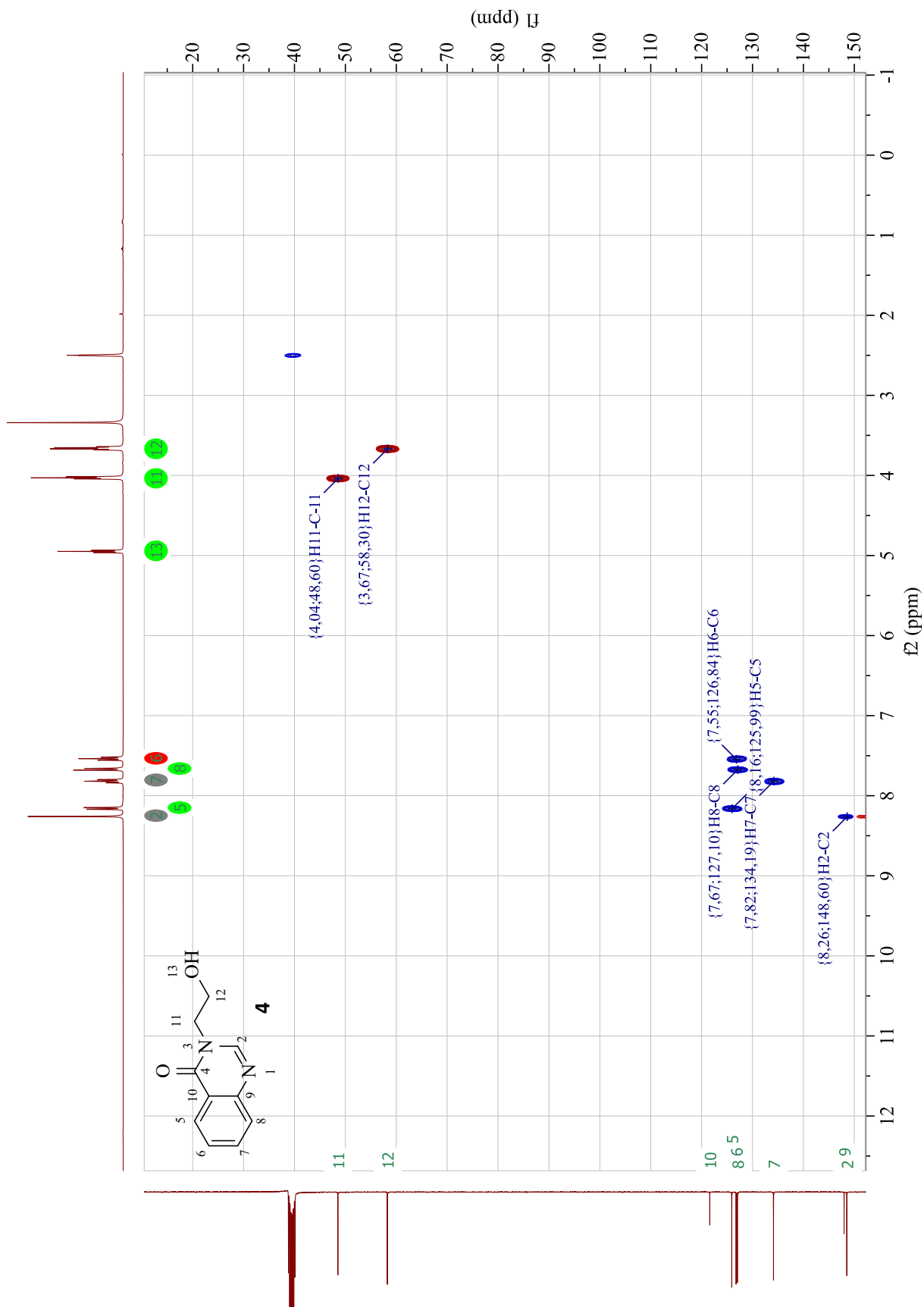
¹H NMR (100 MHz, DMSO) of 4.

^{13}C NMR (100 MHz, DMSO) of **4**.



DEPT-135 (100 MHz, CDCl₃) of **4**.

Contour maps HSQC (400 MHz, CDCl₃) of **4**



Contour maps HMBC (400 MHz, CDCl₃) of **4**