New Journal of Chemistry

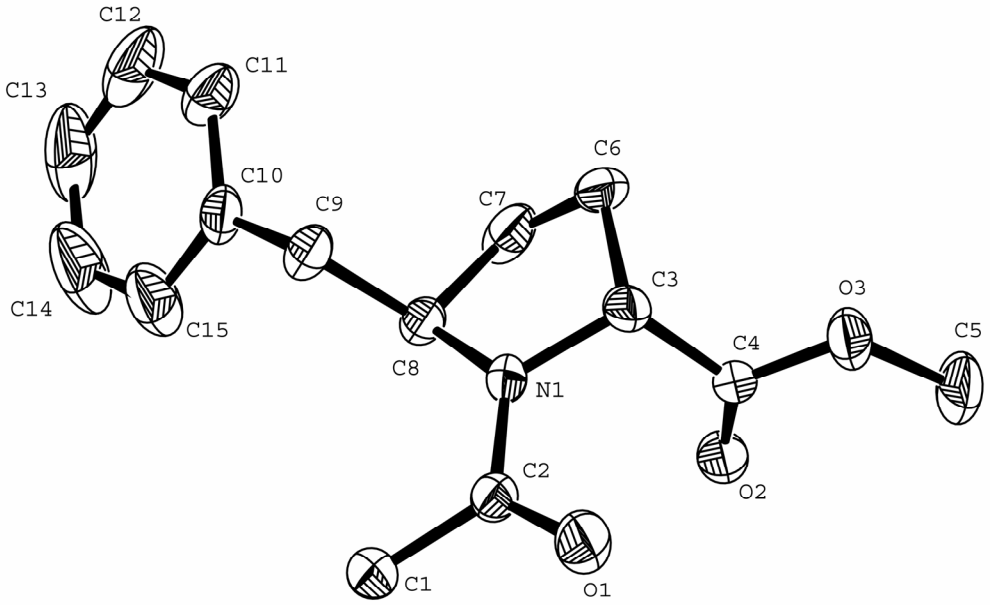
Supplementary Information

for

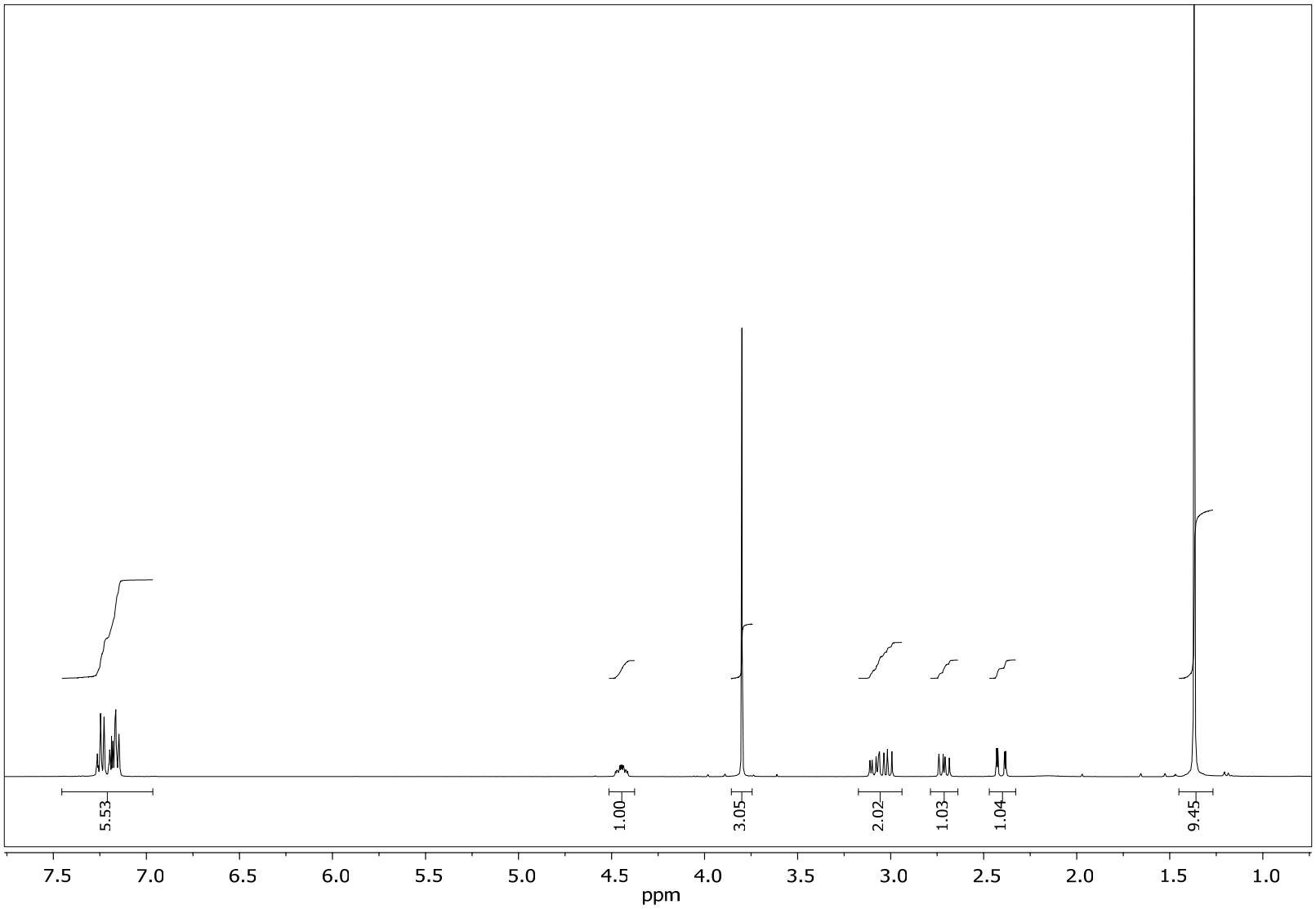
Synthesis of enantiomerically pure δ-benzylproline derivatives

M. Isabel Rodríguez, M. Isabel Calaza, Ana I. Jiménez, and Carlos Cativiela

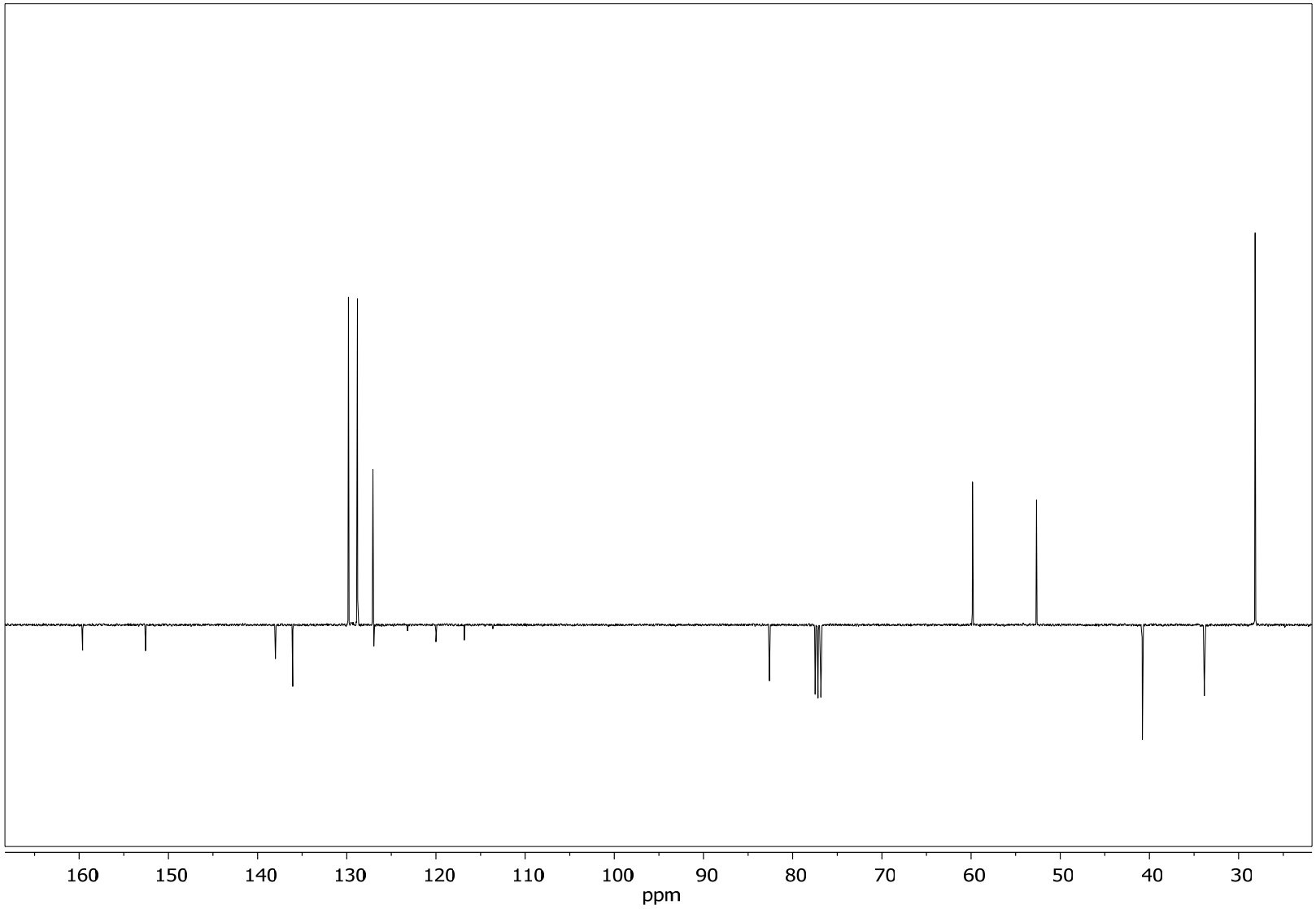
Contents



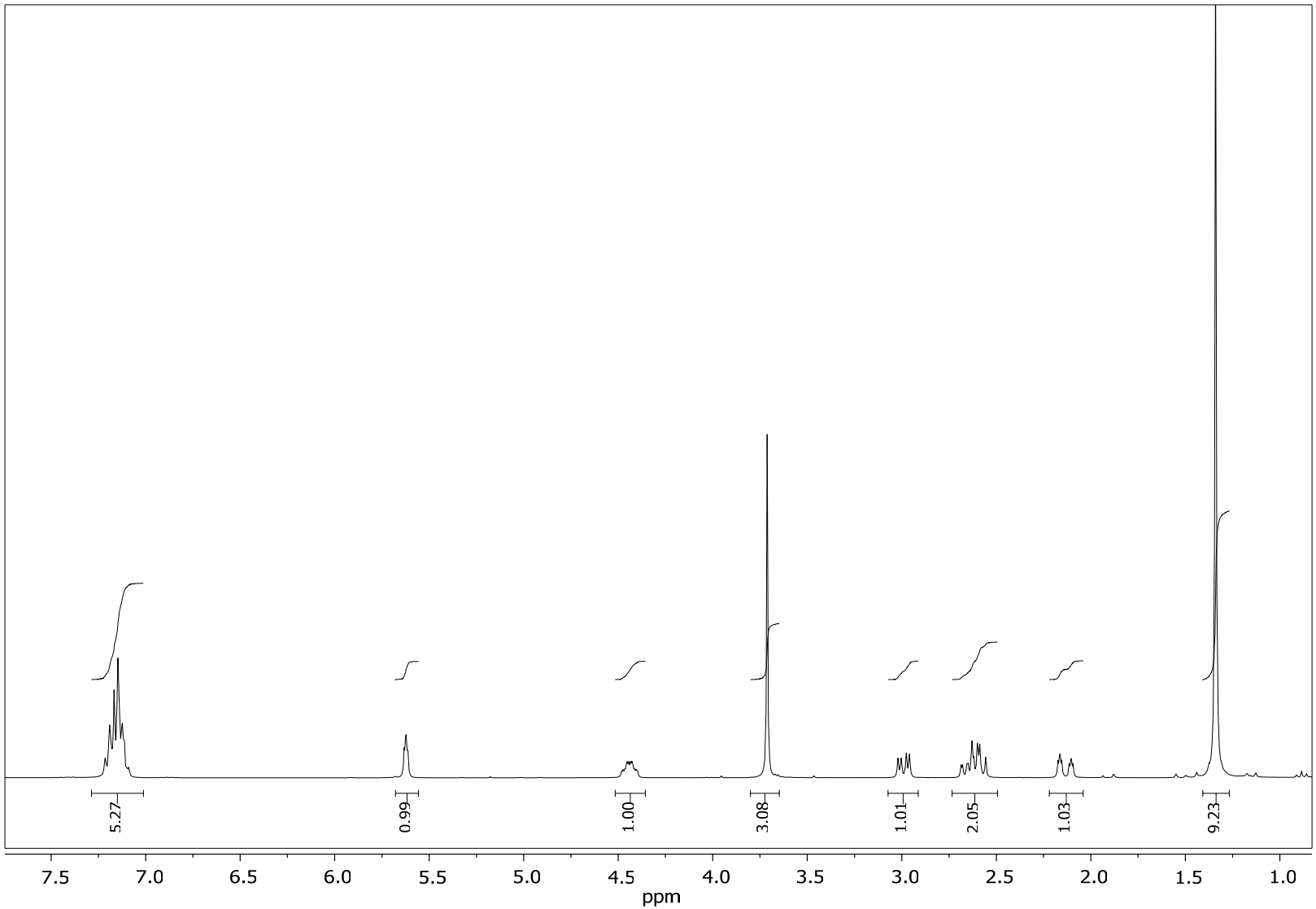
ORTEP diagram for the X-ray crystal structure of (2*R*,5*R*)-**10** with atom numbering. Thermal ellipsoids are shown at 30% probability. Hydrogen atoms have been omitted for clarity.



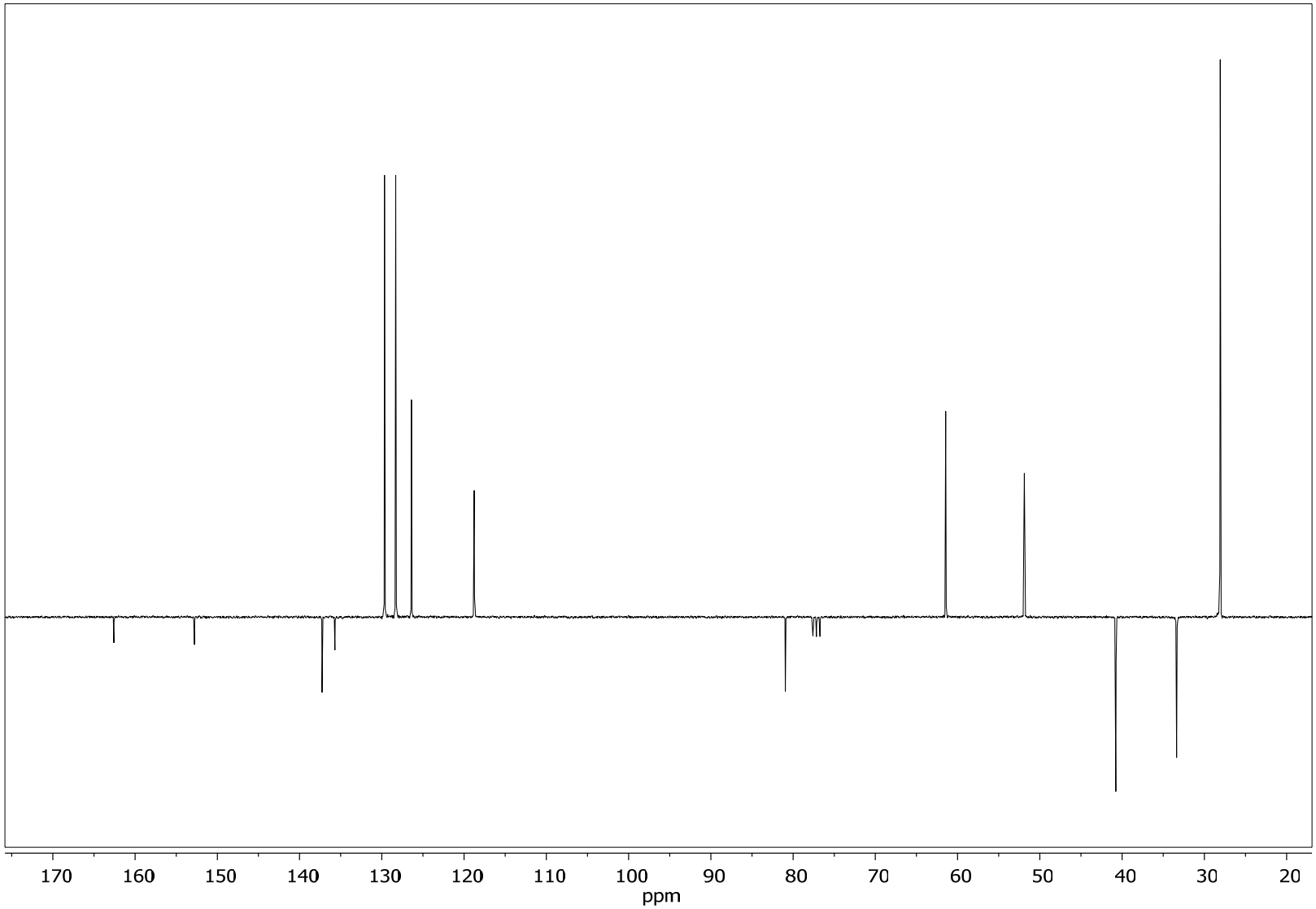
^{1}H-NMR spectrum of **6** in $CDCl_3$ (400 MHz, 298K)



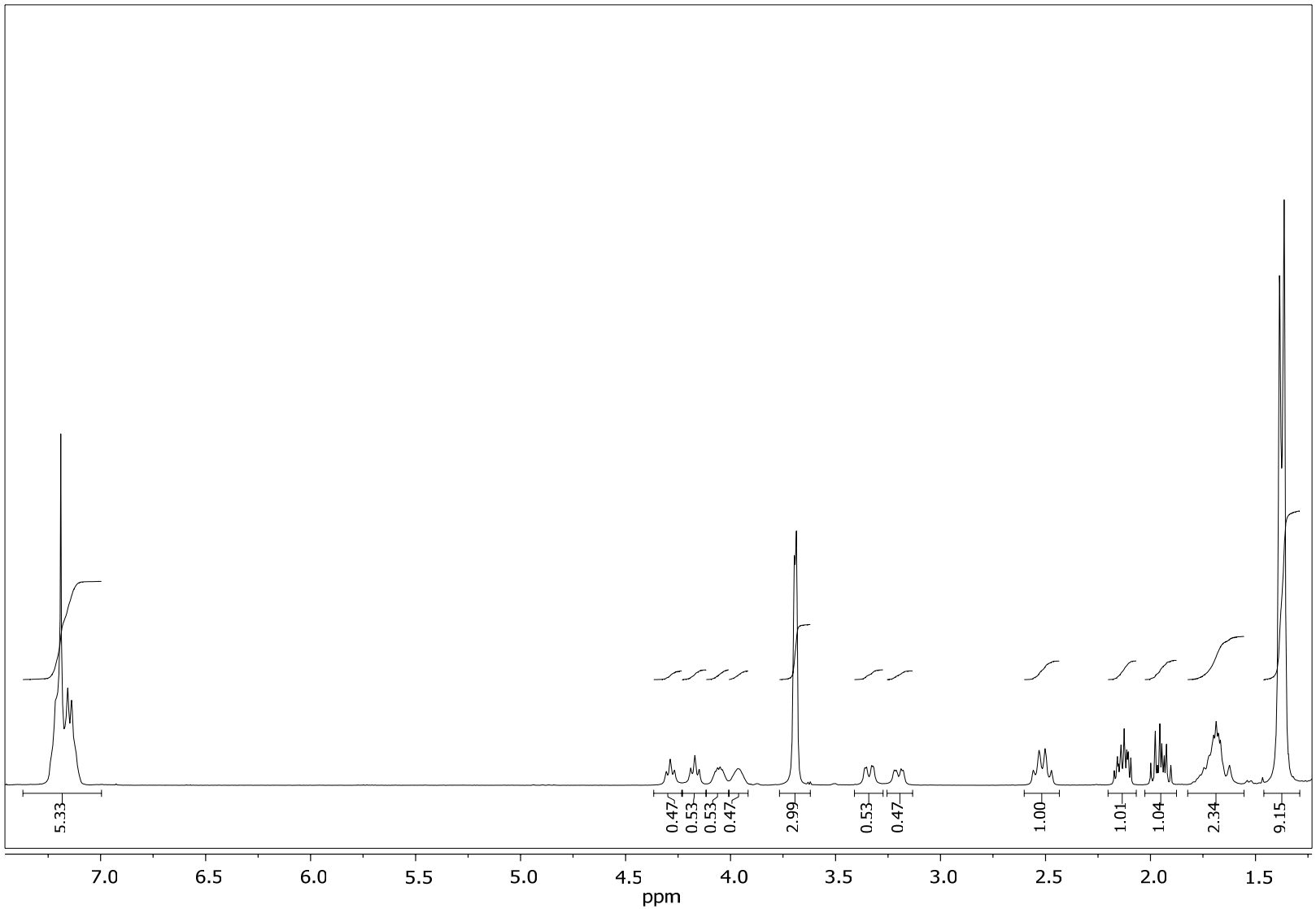
^{13}C-NMR spectrum of **6** in $CDCl_3$ (100 MHz, 298K)



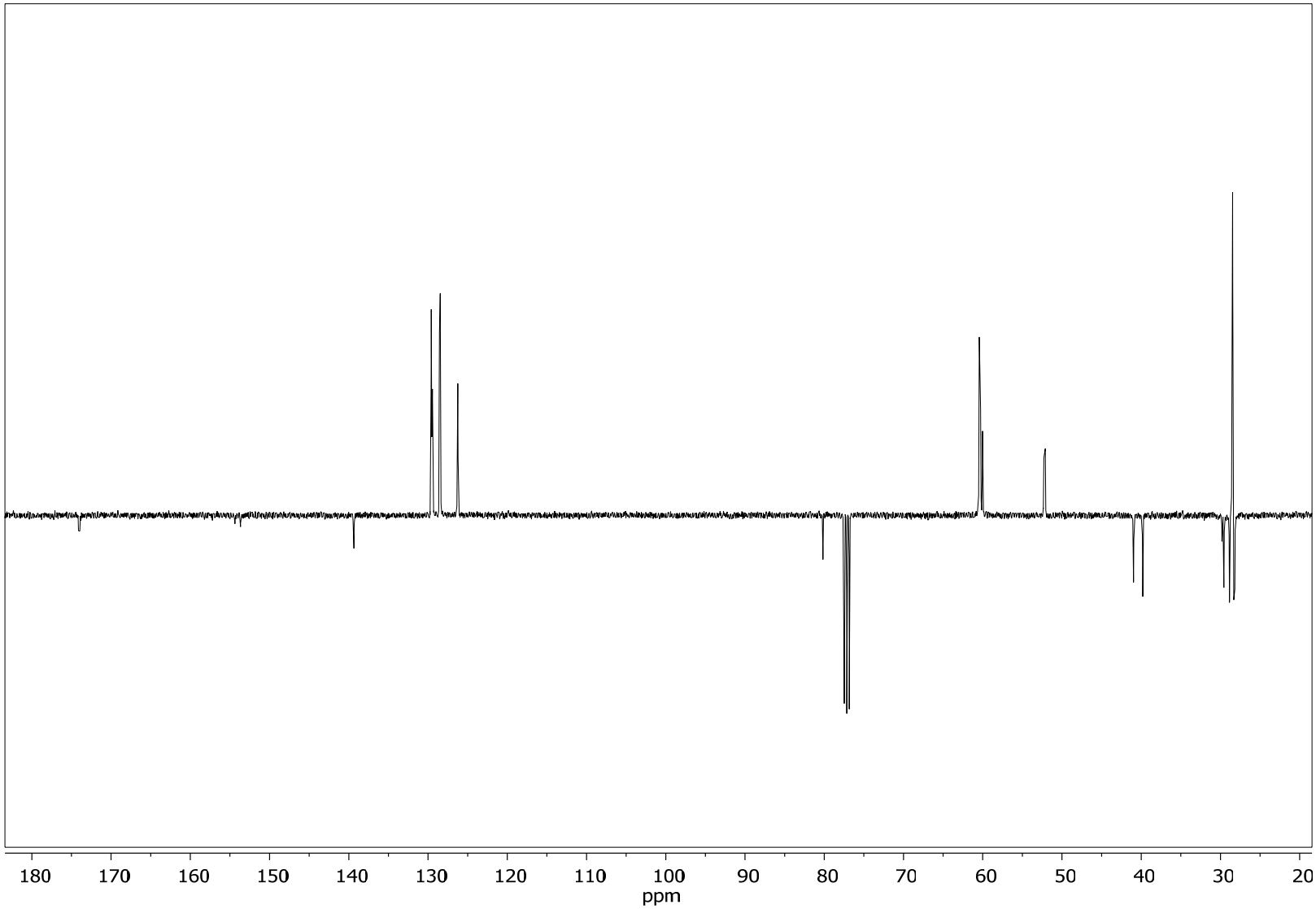
^{1}H-NMR spectrum of **7** in $CDCl_3$ (300 MHz, 298K)



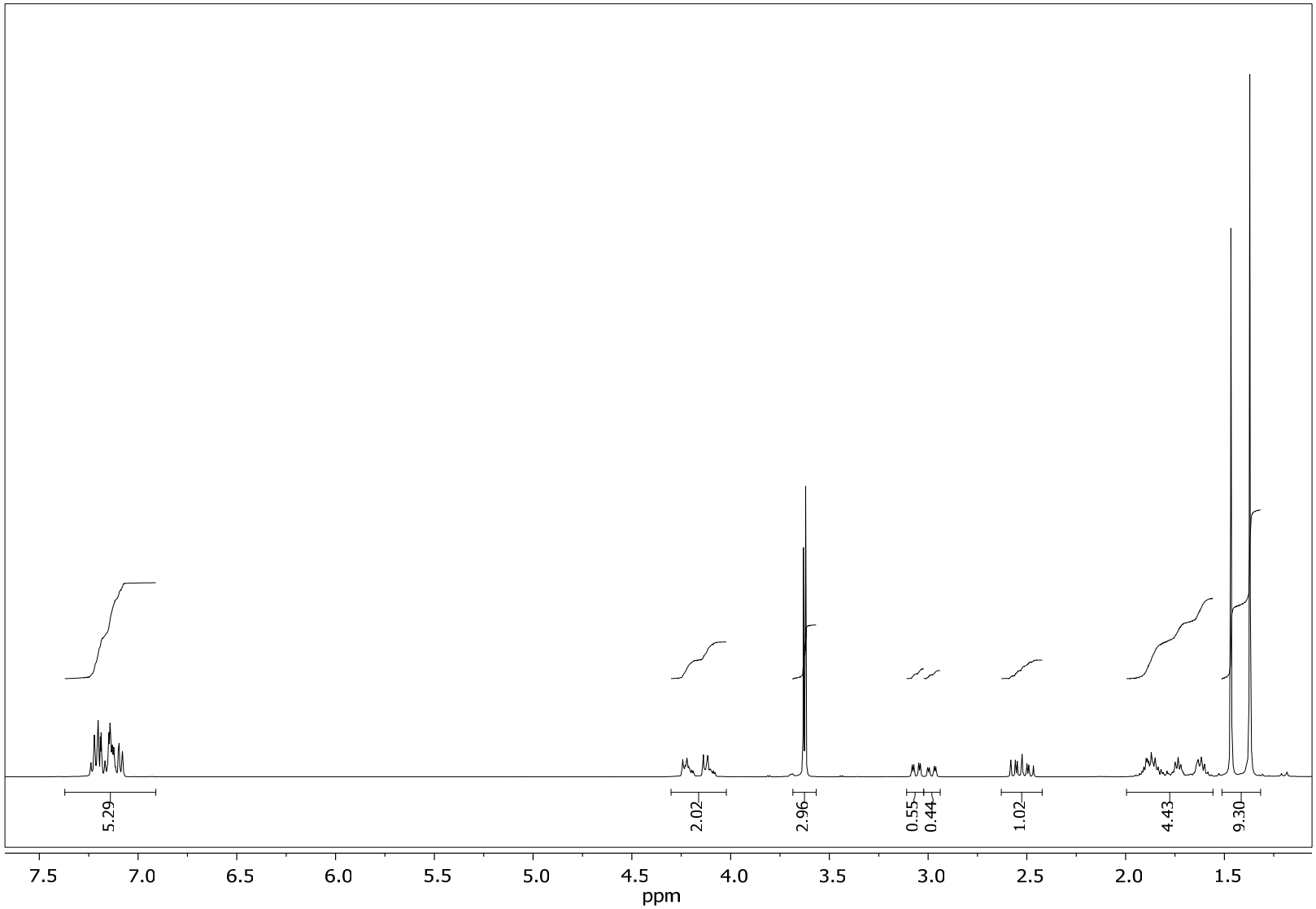
^{13}C-NMR spectrum of **7** in $CDCl_3$ (75 MHz, 298K)



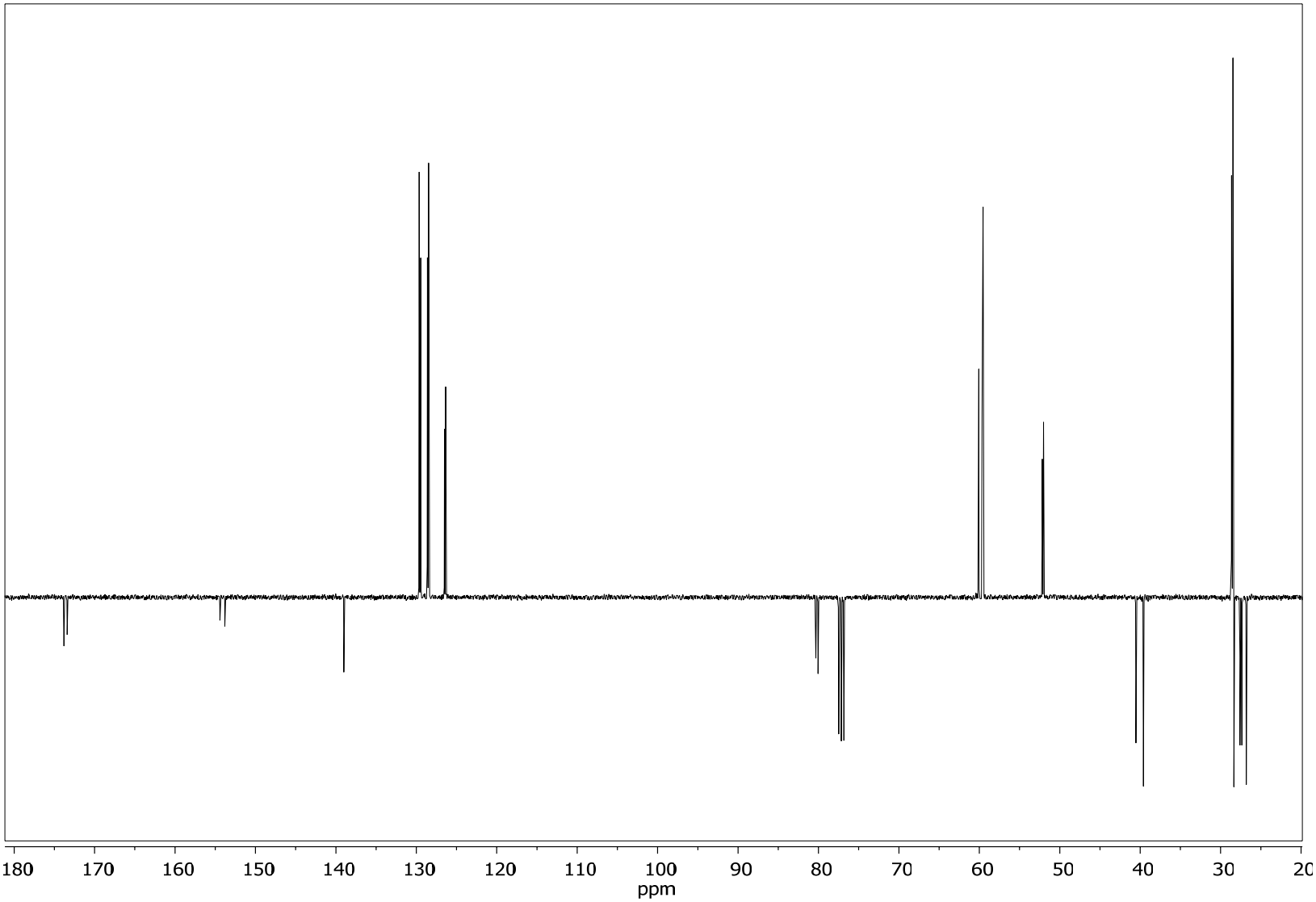
^{1}H-NMR spectrum of (2*S*,5*R*)-**8** in $CDCl_3$ (400 MHz, 298K)



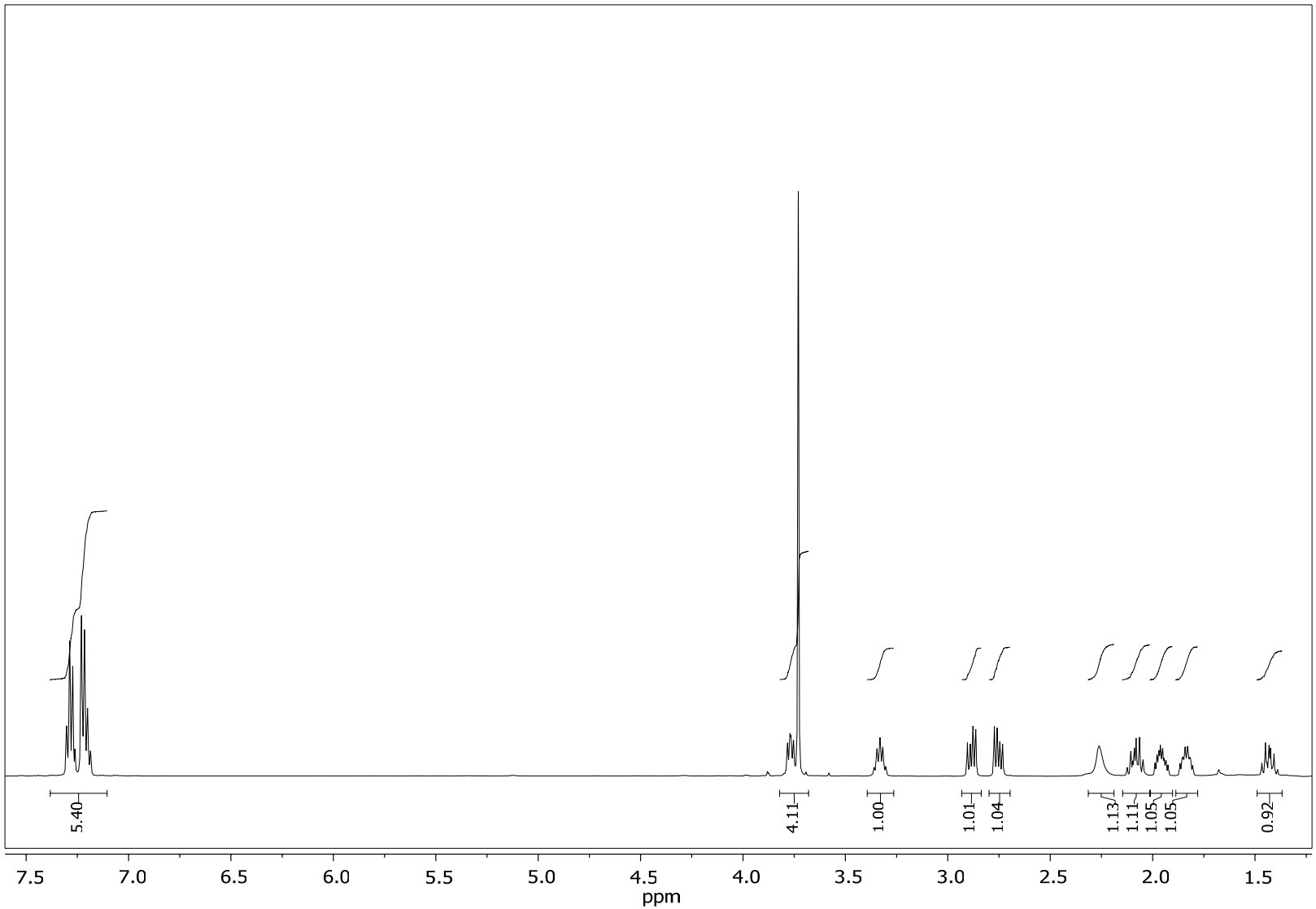
^{13}C-NMR spectrum of (2*S*,5*R*)-**8** in $CDCl_3$ (100 MHz, 298K)



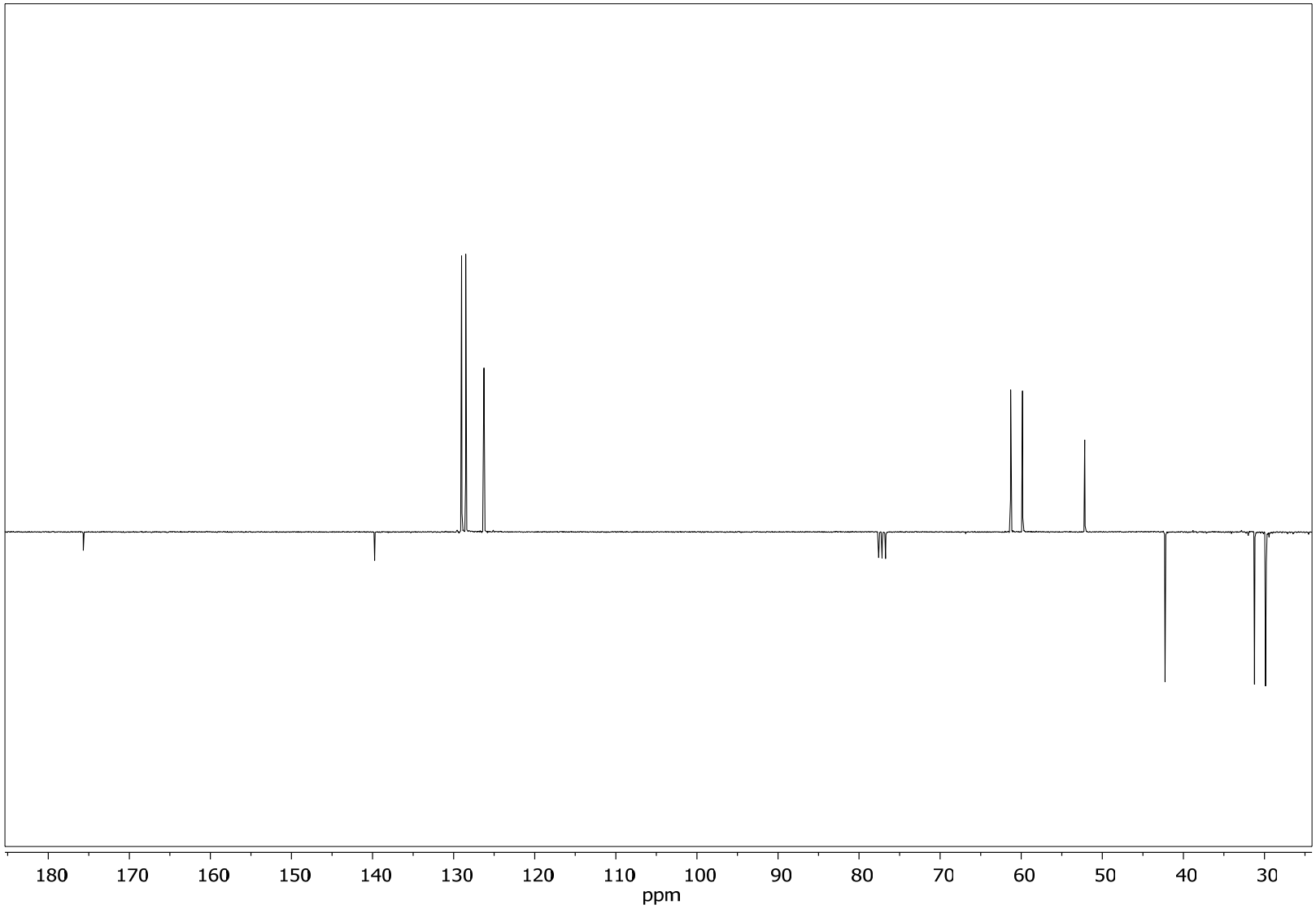
^{1}H-NMR spectrum of (2*R*,5*R*)-**8** in $CDCl_3$ (400 MHz, 298K)



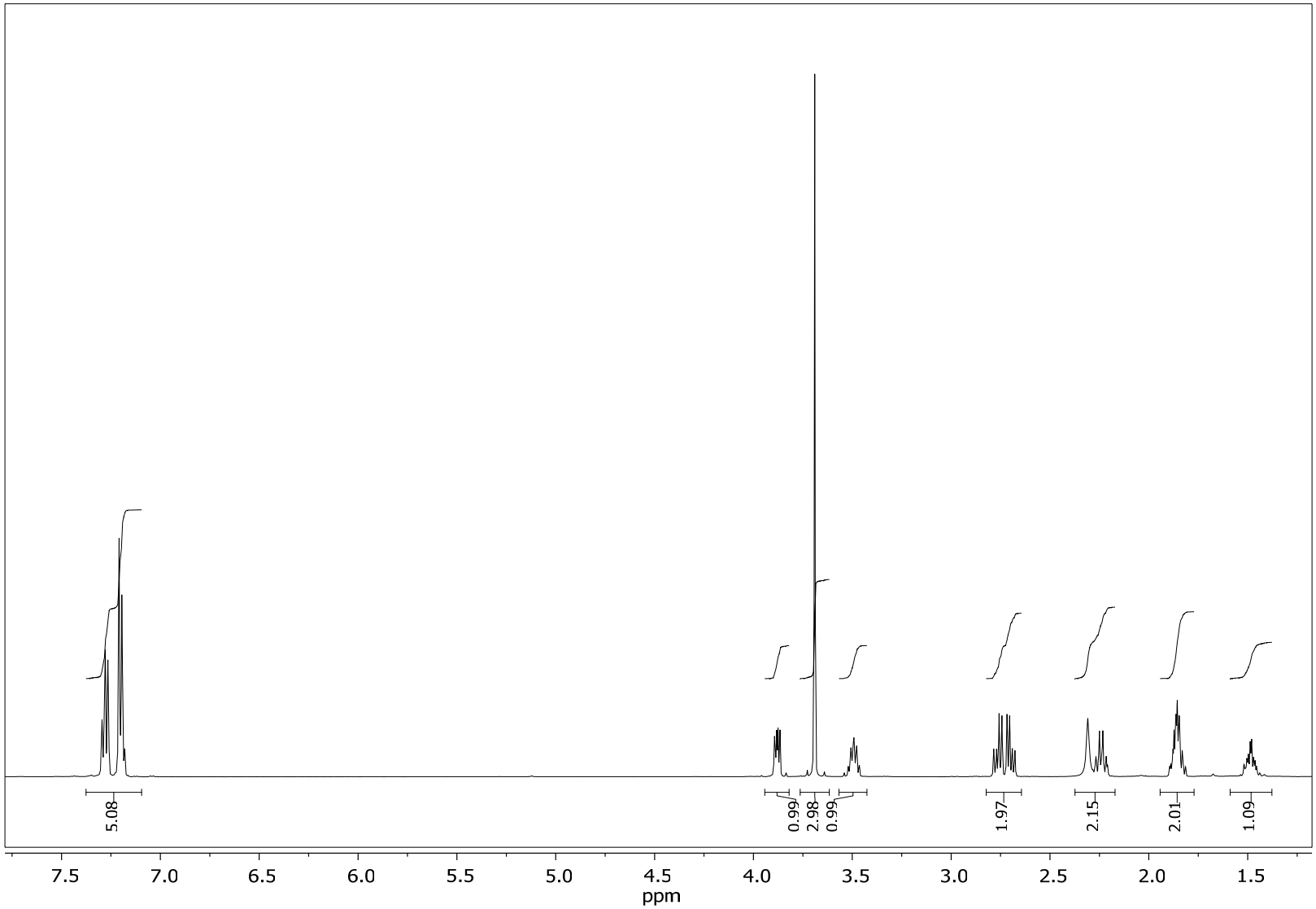
^{13}C-NMR spectrum of (2*R*,5*R*)-**8** in $CDCl_3$ (100 MHz, 298K)



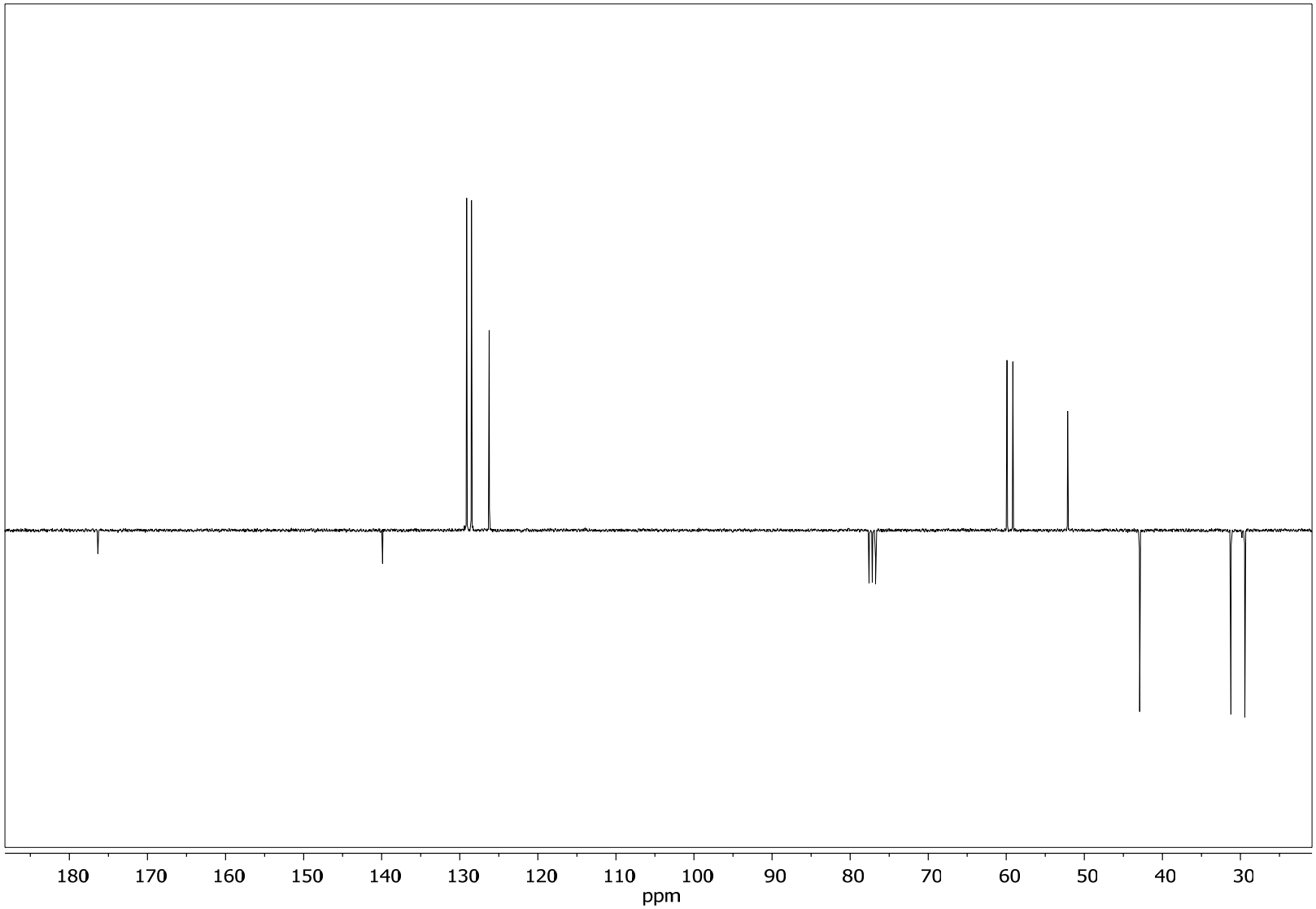
^{1}H-NMR spectrum of (2*S*,5*R*)-**9** in $CDCl_3$ (500 MHz, 298K)



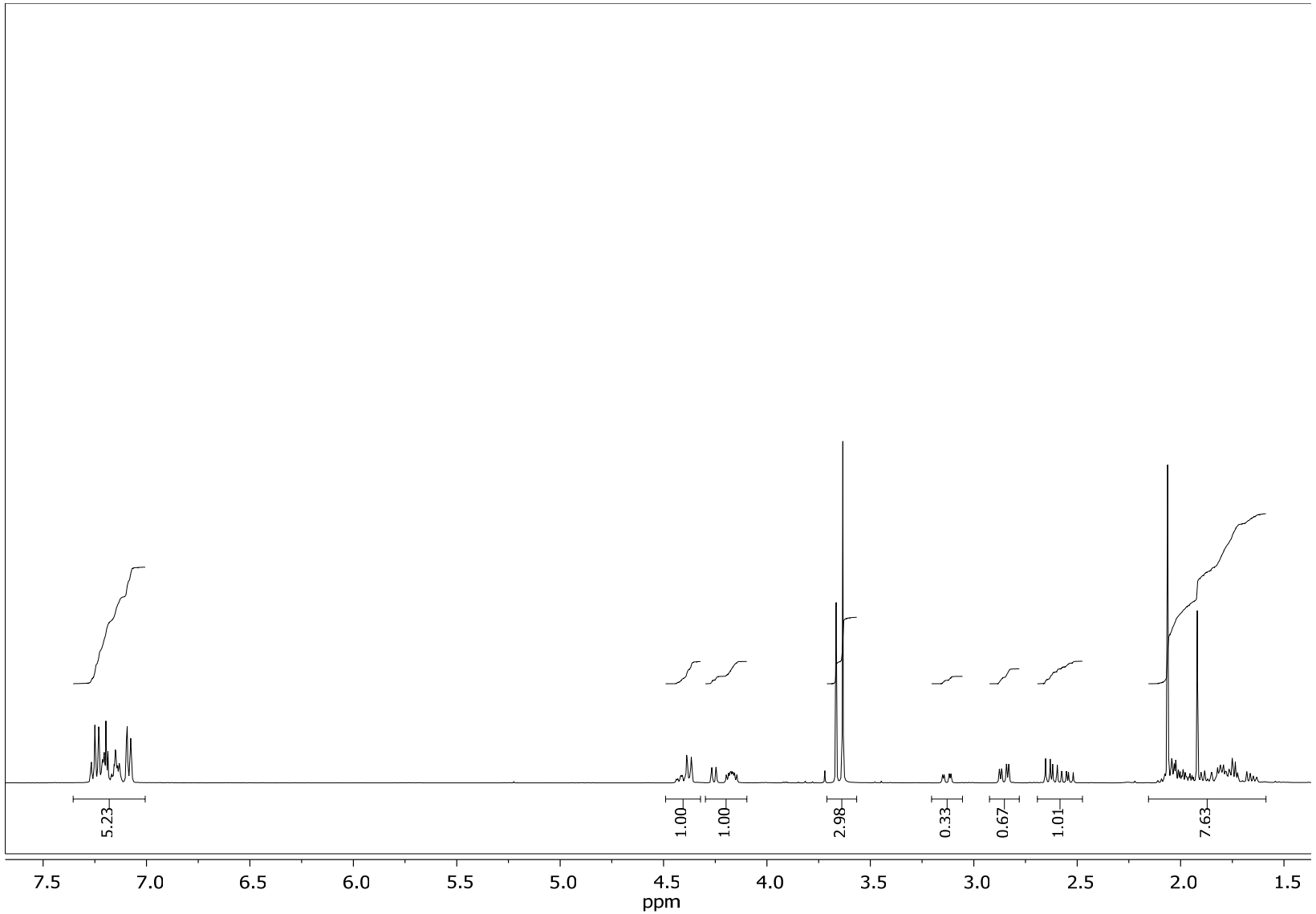
^{13}C-NMR spectrum of (2*S*,5*R*)-**9** in $CDCl_3$ (75 MHz, 298K)



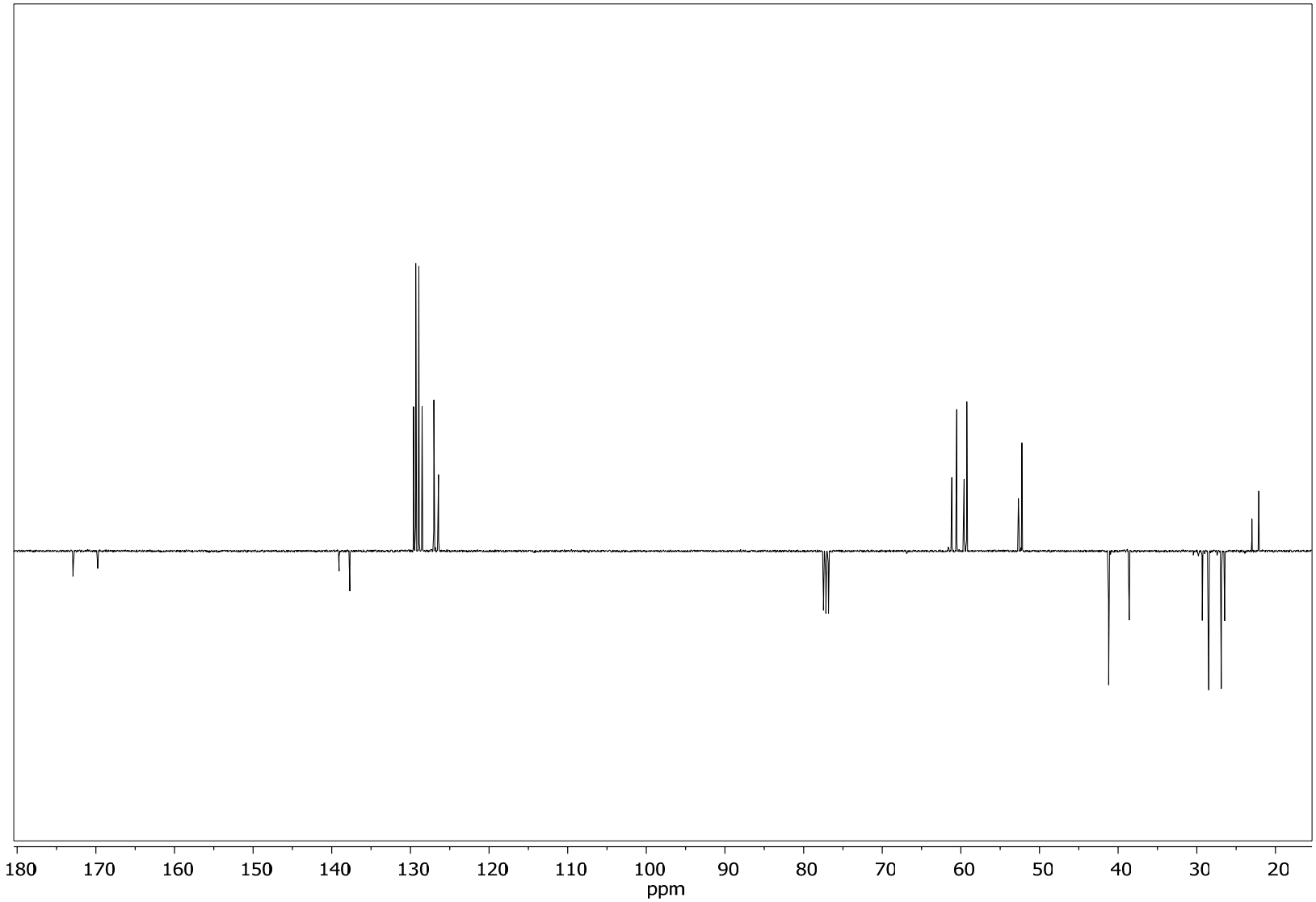
^{1}H-NMR spectrum of (2*R*,5*R*)-**9** in $CDCl_3$ (500 MHz, 298K)



^{13}C-NMR spectrum of (2*R*,5*R*)-**9** in $CDCl_3$ (75 MHz, 298K)



^{1}H-NMR spectrum of (2*R*,5*R*)-**10** in $CDCl_3$ (400 MHz, 298K)



^{13}C-NMR spectrum of (2*R*,5*R*)-**10** in $CDCl_3$ (100 MHz, 298K)